

# P. A. COLLEGE OF EDUCATION

(Approved By NCTE, New Delhi & Affiliated to Tamilnadu Teachers Education University, Chennai)

(Accredited with NAAC)

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College Code : 10333



## TEST AND MEASUREMENT RECORD LEVEL - I

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24		CONCLUSION		

# TEST AND MEASUREMENT LEVEL - I



## INTRODUCTION:

A test and measurement is a procedure for measuring ability, knowledge or performance. A test is used not only in academic career, but elsewhere too it is used in situations where the performance of people or things need to be measured and discriminated.

Both testing and teaching are so closely inter-related that it is impossible to work in either field without being constantly concerned with the other. Test may be constructed primarily as devices to reinforce learning and to assessing the student performance in the language.

## DIAGNOSTIC TEST :

As the name implies these tests are designed to diagnose whether the learner has learnt something well whether he/she needs special help in learning an item. These tests don't always deal with the "failure" of a learner to do or learn something. These also encourage the learner by pointing out to them where they have succeeded.

## ACHIEVEMENT TEST :

All teachers and learners are familiar with these type of tests. They can be administered by the teacher or by an educational authority of the state or country. The achievement tests take a longer period of time than the diagnostic test. It aims at finding out the

Standard which learners after instructor.  
It also discriminates between learners  
placing them at different levels of  
achievement. A lot of care must be  
taken in preparing the test.

# DIAGNOSTIC TEST

## QUESTION PAPER

MAX MARKS : 20

SUBJECT : ENGLISH

CLASS : VIII

### I. MEANING :

5x1 = 5

- 1) Mutiny
- 2) Beef
- 3) Heritage
- 4) Distress
- 5) Wiry

### II. OPPOSITES :

5x1 = 5

- 1) Charm
- 2) Reject
- 3) young
- 4) HARD
- 5) Strange

### III. WRITE THE POEM 'LAND OF OUR BIRTH WE PLEDGE TO THEE'

5x1 = 5

### IV. RHYMING WORD :

- 1) THEE -
- 2) ALL -

- 3) PLACE -
- 4) AGE -

5) SEEK -



# DIAGNOSTIC TEST

## SCORING KEY

S. NO	ANSWERS	MARKS
I	MEANING :	
1.	rebel	1
2.	meat of cows	1
3.	Sorrow	1
4.	High	1
5.	useless.	1
II	OPPOSITES :	
1.	ugliness	1
2.	accept	1
3.	old	1
4.	roughness	1
5.	Common.	1



S NO	NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	TOTAL
1.	ABINAYA . M	✓	✓	✓	✓	✓	✓	✓	x	x	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	17
2	AFRIN FATHIMA . S	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19
3.	AZHAGAMMAL . M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	19
4.	GAYATHRI . S	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x	17
5.	HARINI . E	✓	✓	✓	✓	✓	✓	x	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x	16
6.	JAYAPRIYA . N	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	18
7	JEEVADHARSHINI . S	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19
8	KALEESWARI .	✓	x	✓	✓	✓	x	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	16
9	KANIMOZHI . G	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19
10	KARPAGAYALLI . R	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	x	17
11	KALHIZABEVI . J	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	x	✓	✓	✓	✓	x	16
12	LAVANYA . D	✓	✓	✓	✓	✓	✓	✓	✓	x	x	✓	✓	✓	✓	x	✓	✓	✓	✓	x	16
13	MANJUUSHA . M	✓	✓	x	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	18
14	MURUKESWARI . V	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19
15	NARMATHA . S	x	✓	✓	✓	✓	✓	x	x	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	18

Sl. No	NAMES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
16	NITHYASHREE . M	/	/	x	/	✓	✓	/	/	/	x	/	/	✓	/	/	/	/	/	/	/	18
17	RAJESWARI . S	/	/	/	/	✓	x	x	✓	/	x	✓	/	/	x	/	/	✓	/	/	/	19
18	SANGEETHA . S	/	/	/	/	✓	/	/	/	/	/	/	/	/	/	/	✓	/	/	/	/	20
19	SHIVADHARANI . A	/	/	/	/	✓	✓	/	/	/	✓	✓	✓	/	✓	/	✓	/	✓	✓	x	19
20	SOWMIYA . R	/	/	x	/	✓	/	/	/	/	/	/	/	/	/	✓	✓	✓	✓	/	/	18
		19	19	16	20	20	18	15	13	17	15	19	20	20	17	16	20	20	19	16	18	300





DIAGNOSTIC TEST ANALYSIS:TO FIND AVERAGE:DIFFICULTY INDEX =  $\frac{\text{Total NO. OF. marks obtained}}{\text{Total Strength} \times \text{Total Marks}}$ 

$$= \frac{353}{20 \times 20}$$

$$= \frac{353}{400}$$

$$= 0.8825.$$

The students scored 0.8 and the level is easy.

If the student scored 0.4 and the below that is difficult level.

If the students scored 0.4 to 0.8 that is average level.

ACHIEVEMENT TESTDESIGN OF QUESTION PAPER WEIGHTAGETO OBJECTIVES :

We should give importance to the objectives while taking questions. The objectives are knowledge, understanding, application and skill

S. NO	OBJECTIVES	MARKS	% OF MARKS
1.	Knowledge	18	36 %
2.	Understanding	9	18 %
3.	Application	10	20 %
4.	Skill	13	26 %
TOTAL		50	100 %

We give importance to the subject which has been taken in the class.

S NO	CONTENT	MARKS	% OF MARKS
1.	PROSE	22	44%
2.	POEM	16	32%
3.	Supplementary	5	10%
4	Grammar	7	14%
TOTAL		50	100%

### WEIGHTAGE TO QUESTIONS:

While setting different section of question papers, objectives type, short answer type, essay questions are used in different ways.

S. NO	QUESTION TYPES	MARKS	% OF MARKS
1	Objectives	21	42%
2	Short answers	20	40%
3.	ESSAY TYPE	9	18%
TOTAL		50	100%

CLASS : VIII

BLUE PRINT

TIME : 1.30 hrs

SUBJECT : English

ACHIVEMENT TEST

MARKS : 50

S NO	OBJECTIVES/ CONTENT	KNOWLEDGE			UNDERSTANDING			APPLICATION			SKILL			TOTAL
		O	S	E	O	S	E	O	S	E	O	S	E	
1	PROSE	8(1)	2(2)		5(1)	1(2)		1(1)	1(2)					22
2.	POEM	2(1)	2(2)			1(2)			1(2)			1(2)	1(4)	16
3.	SUPPLEMENTARY												1(5)	5
4.	GRAMMAR							3(1)	1(2)		2(1)			7
		10	8		5	4		4	6		2	2	9	50
	TOTAL		18			9			10			13		



## ACHIEVEMENT TEST QUESTIONS PAPER

CLASS : VIII

MARKS : 50

SUBJECT : ENGLISH

TIME : 1.30 hrs

### I. Synonyms :

1. perils -

2. futile -

3. pledge -

4. glee'fully -

5. unique -

(dangers, promise, useless, special, happily).

### II. Antonyms :

6. Smoother -

7. brave -

8. excited -

9. tall -

10. Small -

(Roughen, frightened, big, Short, bored).

III. MATCH THE FOLLOWING:

5x1 = 5

- 11. Mutiny - violent attack
- 12. Onslaught - useless
- 13. defy - rebel
- 14. ammunition - disobey
- 15. futile - weapons.

IV. Write second stanza of the poem

16. "Land of our birth, we pledge to thee."

V. LITERARY APPRECIATION:

17. Teach us the strength that cannot seek, by deed or thought, to hurt the weak.

a) Find out rhyming words.

18. Head, heart and hand through the years to be.

b) Find out alliteration.

19. What is the Rhyming Scheme of the poem "Land OUR BIRTH, WE PLEDGE TO THEE"

20. Who is the author of the poem "TIGER IN THE CAGE"

21) father is heaven, who loves all?

father in heaven refers to whom?

ii. FIND OUT TRANSITIVE AND INTRANSITIVE VERB:

22. Sam eats mangoes 1 x 3 = 3

23. The sun shines brightly.

24. Stars twinkle at night.

iii. SAY WHETHER IT IS IN ACTIVE OR PASSIVE

1 x 2 = 2

FORM:

25. They sing songs in the assembly.

26. A notice was sent by the manager.

iv. CHANGE THIS SENTENCE FROM DIRECT AND

1 x 2 = 2

TO INDIRECT:

27. He said, "I am tired."

v. ANSWER THE FOLLOWING QUESTIONS:

5 x 2 = 10

28) Who is Gangadhar Rao?

29) What was the doctrine of lapse?

30) What was the name given to

Anand Rao?

- 31) Why does bees are importance  
the web of life?
- 32) How does the malabar Hornbill  
feed its young ones?

X . ANSWER BRIEFLY :

5x1=5

- 33) Summarize the story of "THE  
ANTHILL AND THE DASSIE"





## ANSWER KEY

S NO	ANSWERS	MARKS	TOTAL
I	<u>SYNONYMS</u>		
1.	dangers	1	
2.	useless	1	
3.	promise	1	
4.	happily	1	
5.	spacial	1	5
II	<u>ANTONYMS</u>		
6.	roughen	1	
7.	frightened	1	
8.	boxed	1	
9.	short	1	
10.	big	1	5
III	<u>MATCH THE FOLLOWING :</u>		
11	Rebel	1	
12	violent attack	1	
13	disobey	1	
14	weapons	1	
15	useless	1	5

## ANSWERS

S  
NO14 LAND OF OUR BIRTH, WE PLEDGE TO THEE

16

father in heaven, who lovest all  
 Oh, help thy children when they call,  
 that they may build from age to age;

- RUDYARD KIPLING

3 APPRECIATION QUESTIONS:

17) Rhyming words: Seek, weak

18) alliteration - Head, Heart, Hand

19) Rhyming scheme - aabb.

20) Leslie norrizes

21) God

41 TRANSITIVE AND INTRANSITIVE

22 Transitive.

23 Intransitive.

24 Intransitive.

S NO	ANSWERS	MARKS TOTAL
VI	<u>ACTIVE AND PASSIVE</u>	
25	ACTIVE	
26	PASSIVE	
VII	<u>DIRECT AND INDIRECT:</u>	
27	He said that he was tired.	
IX	<u>ANSWER THE FOLLOWING:</u>	
28	Gangadhar Rao King of Jhansi	
28	<p>The British did n't accept adopted child as a legal heir to the</p> <p>child less kingdom. So they brought the policy of Doctrine of lapse.</p>	
30	Darnodal Rao was the name given to Arund Rao	
21	Birds are links the complex	

Q. No.	Answers	Marks	Total
--------	---------	-------	-------

Web of life. Birds are important for the germination of the seeds. (i.e. pollination).

2

32. The Hornbills lacks his wife and babies in the nest by covering in the opening with mud. Through the door way he feeds on insects lizard and snakes.

2

X ANSWER BRIEFLY:

33. Pangolin, the anteater and the Darsie explored bush. They played together.

5

They challenged themselves with the new games & races.

one day the anteater & the Darsie down the hill kopje

They are both of down the hill pangolin race to run down.

Darsie is small and Pangolin is very big.



## MEDIAN

CLASS INTERVAL	F	CF
30 - 40	1	1
40 - 50	0	1
50 - 60	4	5
60 - 70	3	8
70 - 80	3	11
80 - 90	5	16
90 - 100	4	20

$$L = 70 ; N = 20$$

$$\frac{N}{2} = \frac{20}{2} = 10$$

$$C.F = 8$$

$$f = 3$$

### MEDIAN

Median is another widely known and frequently used average. It is defined as the most central or the middle most value of the data given in the form of an array.

$$\text{MEDIAN} = L + \left[ \frac{N/2 - CF}{f} \right] \times c$$

Where, L = lower limit of median class.

- f = frequency of the median class.
- c.f = cumulative frequency just above the median class.
- c = class interval.

$$\begin{aligned} \text{median} &= L + \left[ \frac{N/2 - CF}{f} \right] \times c \\ &= 70 + \left[ \frac{10 - 8}{3} \right] \times 10 \\ &= 70 + \frac{20}{3} \quad 6.66 \\ \text{median} &= 70 + 6.66 = 76.66 \end{aligned}$$

MODE

CLASS INTERVAL	F
30 - 40	1
40 - 50	0
50 - 60	4
60 - 70	3
70 - 80	3
80 - 90	5
90 - 100	4

$$L = 80$$

$$F_1 = 3$$

$$F_2 = 4$$

$$C = 10$$

MODE

Mode is defined as the value in the data which occurs more frequently. In other words, it is the most frequently occurring value in the data.

$$\text{MODE} = L + \left[ \frac{F_2}{F_1 + F_2} \right] \times C$$

Where,

$L$  = Lower limit of the mode class

$F_1$  = Frequency of the class just above the mode class.

$F_2$  = frequency of the class just below the mode class

$C$  = class interval

$$\text{MODE} = L + \left[ \frac{F_2}{F_1 + F_2} \right] \times C$$

$$= 80 + \frac{4}{3+4} \times 10$$

$$= 80 + \frac{4}{7} \times 10$$

$$= 80 + \frac{40}{7} \quad 5.71$$

$$= 85.71$$



CLASS INTERVAL	f
30 - 40	1
40 - 50	0
50 - 60	4
60 - 70	3
70 - 80	3
80 - 90	5
90 - 100	4

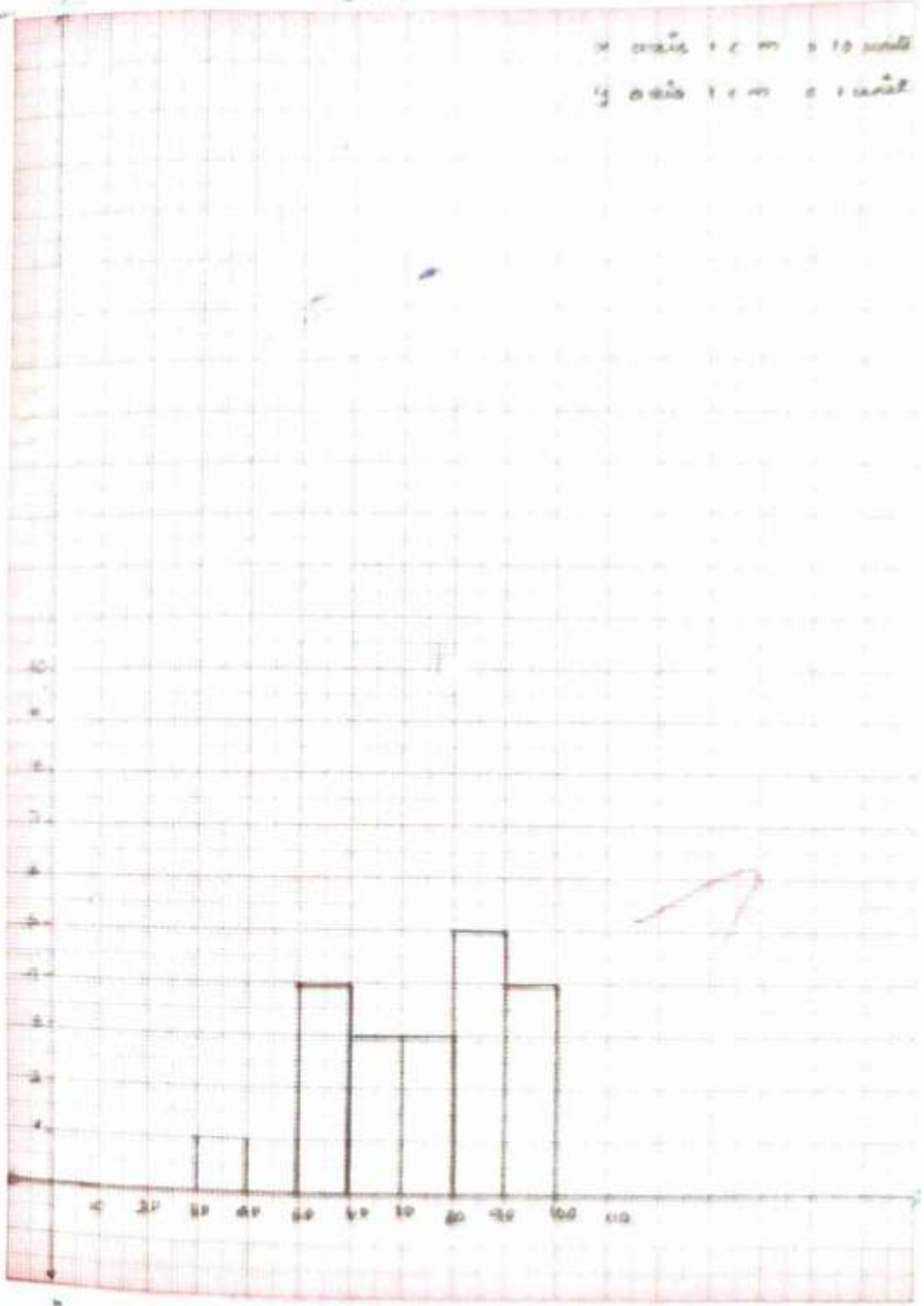


# HISTOGRAM

Scale

X axis 1 cm = 10 units

Y axis 1 cm = 1 unit



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MEASURING SPAN OF ATTENTION

EXP No: 1

EXPERIMENTER NAME: RV

DATE: 18.12.17

PARTICIPANT NAME: MM

1. INTRODUCTION

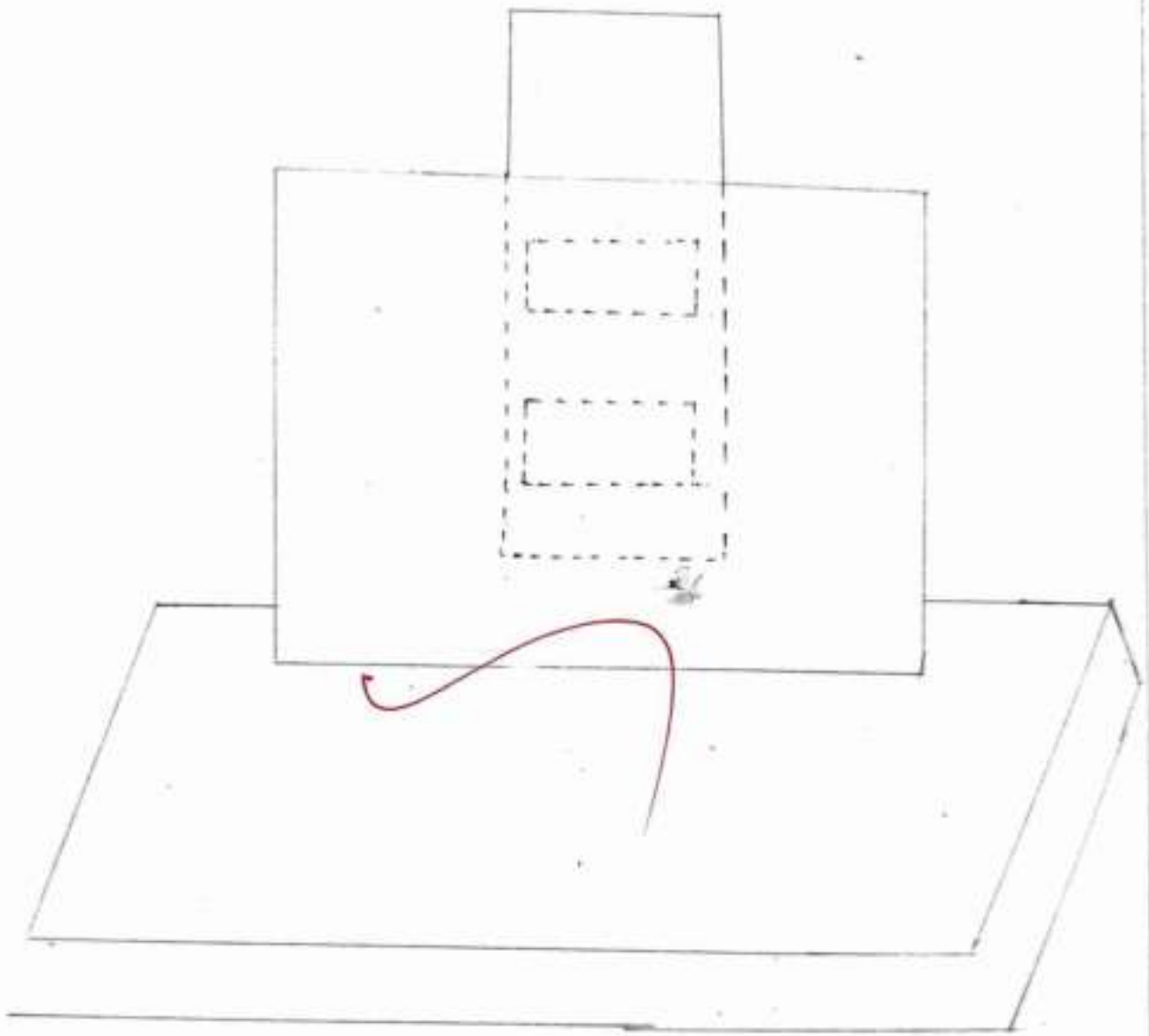
Attention is counterpart of consciousness on certain objects to the exclusion of others in the environment. It is selective, mobile and highly conscious. At any movement the field of other in the environment. It is selective mobile and highly conscious. At any movement the field of consciousness is centered on a particular object called the focus. Points of attention finding away from this centre of consciousness there is a wide range of objects which are is only aware. These bring to the more of consciousness.

PROBLEM:

To find the attention level of an individual.



# Tachistoscope



## CARDS

RUPEE

COVER

IPKID

TKA.

2. METHOD

a) PARTICIPANT :

The participant is 20 years old female.  
She is doing B.Ed (English)

b) MATERIALS REQUIRED :

Tachistoscope ; cards containing words  
[15-8 meaningful words ; 7 meaningless words]

c) PROCEDURE :

The participant was seated comfortably  
in front of the tachistoscope in such a  
position that he could have a clear view  
of the apparatus. A few preliminary trials  
were given. So that he could observe the  
black ground on which the letters appear.  
The following instructions were given to the  
participant you will be shown a word  
of cards with letters give out the number  
of words you see in cards. Observe  
carefully then the 15 cards with letters

words suffered so that they were presented in a actual order and the cards were presented. one after another the response for each cards was noted. Thus is the trails no stimuli [actual words presented] and the response [words reproduced by the participants] are noted in the table which was kept ready. As a result there were trails altogether of the participant the highest number of words attended. This was the span of attention of the participant.

3. RESULTS

TABLE I showing the level of attention of the participant.

TABLE II showing the level of attention of the group.

4. DISCUSSION

This experiment was used to measure the attention level of participant by tachistoscope from the analysis of the table I.



TABLE I SHOWING THE INDIVIDUAL DATA IN SPAN OF ATTENTION

S.No.	No. OF STIMULUS PRESENTED	No. OF RESPONSE	RIGHT/WRONG
1.	CATTLE	CATTLE	RIGHT
2.	BEARER	BEARER	RIGHT
3.	SECRETARY	SECRETARY	RIGHT
4.	RUPEE	RUPEE	RIGHT
5.	TEACHERS	TEACHERS	RIGHT
6.	QUALITY	QUALITY	RIGHT
7.	IPKED	IPKD	WRONG
8.	COVER	COVER	RIGHT
9.	TKQ	TKRQ	WRONG
10.	COURAGE	COURAGE	RIGHT

SPAN OF ATTENTION LEVEL }  
OF PARTICIPANT } = 8



shows that the participant score in attention which is coming under the level of high.

From the analysis of the table II shows that the group score is (7.23) which comes under the level of high among the group one person (5) has scored low level (7) persons has secured the score is which comes under the middle level. Through this experiment were can measurement the individual concentration and observation

### CONCLUSION :

1. The span of attention of the participant is  $\frac{8}{8}$
2. The span of attention of the group is  $\frac{7}{7}$
3. Is there any individual difference Yes/No
4. Is there any sex difference Yes/No

### REFERENCES

Guilford, E. Retal (1979)  
"Introduction to Psychology (7th edn)"



# P. A. COLLEGE OF EDUCATION

(Approved by NCTE, New Delhi & Affiliated to Tamilnadu Teachers Education University,  
Accredited by NAAC 'B' Grade, Chennai)  
POLLACHI, COIMBATORE- 642 002

B.Ed. DEGREE COURSE 2016-2018

## LESSON PLAN RECORD LEVEL II

*Certified to be the bonafide record of work done by*

Name

R. SARAVANAKUMAR

Reg. No.

1033316BD040

Pedagogy Subject

PEDAGOGY OF PHYSICAL SCIENCE

*J. Srinivasan*  
Student Teacher

*V. S. Chandrasekhar*  
Principal  
PRINCIPAL

P.A. COLLEGE OF EDUCATION  
POLLACHI - 642 002.

Date: 20.02.2018

Place: POLLACHI















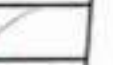
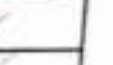



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  2. \_\_\_\_\_



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29	09.11.2017	9th	அணுகுமுறை அமைப்புகள்	151	✓
30	13.11.2017	9th	கிரேதிக்ஸ் அமைப்புகள்	156	✓

  
 SIGNATURE OF THE ASSISTANT PROFESSOR  
 N. VE. PUNJABURU





## பி.ஏ. கல்வியியல் கல்லூரி

(தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழகம், சென்னை - அங்கீகாரம் பெற்றது)  
பொள்ளாச்சி - 642 002.

### மாணாக்கர் கற்பித்தலின் மதிப்பீட்டுப் படிவம்

ஆசிரியப்பயிற்சியாளர் : பி. சரண்கமலம் நாள் : 10.08.2017  
பயிற்சி பெறும் பள்ளி : செ.ஹ.ஈ.ஈ. சிவசுந்தரம் வகுப்பு : ஆண்பதாம் 2014  
மாணாக்கர் எண்ணிக்கை : 34 25 பாடம் / பாடத்தலைப்பு : அறிவியல் (இயற்கை அறிவு)  
வழிகாட்டும் ஆசிரியர் பெயர் : பி. பாண்டிபிள்ளை M.Sc., B.Ed., M.Phil. கால அளவு (அ) பாடவேளை : 45 நிமிடங்கள்

பல்வேறு நிலைகளின் முக்கிய திறன்கள்	மதிப்பீட்டு அளவைகள்	கற்பித்தல் பற்றிய ஆசிரியரின் கருத்து
1. பாடத்திட்டம் கற்பிக்கும் அளவுகளும் கற்றல் விளைவுகளும் (a) பொருத்தமுடைமை (b) அடையுந் தன்மை (c) போதுமானது (d) தெளிவு	10 9 8 ⑦ 6 5 4 3 2 1	பொருத்தமுடைமை
2. பொருளடக்கம் கருத்துக்கள் கோட்பாடுகள் சொற்றொடர்களின் வளர்ச்சி (a) திட்டமிடப்பட்ட கற்றல் செயல்களும் துணைக்கருவிகளும் (b) போதுமானது (c) சுயதிறன் (d) பயனுடைமை	10 9 8 ⑦ 6 5 4 3 2 1	பொருத்தமுடைமை
3. மீள்பார்வை அளவிடு / மதிப்பீடுதல் / தொடர்பணி (a) முற்றும் முடித்தல் (b) பொருத்தமுடைமை (c) கருக்கம்	10 9 ⑧ 7 6 5 4 3 2 1	பொருத்தமுடைமை

பல்வேறு நிலைகளின் முக்கிய திறன்கள்	மதிப்பீட்டு அளவைகள்	கற்பித்தல் பற்றிய ஆசிரியர் கருத்து
<b>II.1. கற்றல் கற்பித்தல் கழ்நிலை</b> (a) பொருத்தமானது (b) போதுமானது	10 9 8 (7) 6 5 4 3 2 1	மொத்தம் 50/50
<b>2. கற்றல் அனுபவங்கள் (குணக்கருவிகள் பயன்படுத்துதல் E.C.M.)</b> (a) ஆக்கும் திறன் (b) முறைப்படுத்துதல் (c) மாணவர் பங்கேற்றல் (d) ஒழுங்கமைக்கப்பட்ட கரும்பலகை வேலை	10 9 (8) 7 6 5 4 3 2 1	மொத்தம் 50/50
<b>3. கற்பித்தல் நுட்பங்கள்</b> (a) பயனுள்ளவை (b) பொருத்தம் (c) இயல்பானவை	10 9 8 (7) 6 5 4 3 2 1	மொத்தம் 50/50
<b>4. பாடவளர்ச்சி</b> (a) கற்றலின் மாணாக்கரின் தொடர்ந்த ஆர்வமும் பங்கும் (b) இலக்குகளை அடைத்தல் (c) பாடப்பொருள் தெளிவு (d) கற்பித்தலின் முறையான தொடர்ச்சி (e) கற்பிக்கும் நேரத்தை திட்டமிடல்	10 9 8 (7) 6 5 4 3 2 1	மொத்தம் 50/50
<b>5. மீள்பார்வையும் அளவீடும்</b> (a) அமைப்பு (b) தனியாள் வேற்றுமையை நிறைவு செய்தல் (c) பயனுடைமை	10 9 (8) 7 6 5 4 3 2 1	மொத்தம் 50/50
<b>III. 1. ஆசிரியர்</b> (a) தோற்றம், நடத்தை, மாணக்கரோடு தொடர்பு கொள்ளும் விதம் (b) வகுப்பின் கட்டுப்பாடு (c) வெளிப்படுத்துதல் (b) மொழி - பேச்சும் குரலும்	10 9 (8) 7 6 5 4 3 2 1	மொத்தம் 50/50
<b>2. சமூகக் கழ்நிலை</b> (a) ஆசிரியர் மாணவர் இடைவினை செயல் (b) உற்சாகம் (c) சந்தர்ப்பங்களை திறமையோடு சமாளித்தல்	10 9 (8) 7 6 5 4 3 2 1	மொத்தம் 50/50

வழிகாட்டி ஆசிரியரின் சிறப்புக் கருத்துக்கள்

  
 வழிகாட்டி ஆசிரியர் கையொப்பம்

എൽ.എൽ.സി

പഠനസമയം : 9. മൂന്നു മാസം

ചുമതലപ്പെടുത്തിയവർ : ടി. ഗോപാലൻ. M.Sc., M.Phil., B.Ed.,

പരിഷ്കാരി : ഡോ. സി. ശങ്കരൻ, മുൻ പ്രിൻസിപ്പൽ

മുദ്ര : മുൻപ്രസിഡൻ്റ്

പഠനസമയം : 25

എൽ. : എൻ.എസ്

കാലം : 2017 & 2018

കാലം : 45 മിനുട്ട്

എൽ. : II

835 : 10.08.2017



தற்போதைய உயிரினங்கள்:-

1. சூழல் இயக்கம் மற்றும் எடுத்துக்காட்டுகள்.
2. இயக்கம் மற்றும் உயிரியல்.
3. சூழல் இயக்கத்தின் கருவிகள்.
4. இயக்க நுட்பங்களின் மூலம் உயிரினங்கள்.
5. இயக்கத்தின் உயிரின உயிரினங்கள்.

தற்போதைய உயிரினங்களின் உயிரினங்கள்:-

1. உயிரினங்கள் - இயக்கத்தின் உயிரினங்கள்
2. உயிரினங்கள் உயிரினங்கள் - உயிரினங்கள் சூழல் மற்றும் உயிரினங்களின் உயிரினங்கள்
3. உயிரினங்கள் உயிரினங்கள் - இயக்கத்தின் உயிரினங்கள்.



കൗമുദിനിയിലെ ഭക്തനാമ ചിന്ത:

1. ഉപാസനയിൽ മിഥ്യ കേവലം ഉപാസനാർത്ഥം ഭക്തനാമകൾ ഉപയോഗിക്കാൻ ഉണ്ടോ?

ഉവ്വ.

2. മിഥ്യ കേവലം ഭക്തനാമകൾ ഉപയോഗിക്കാൻ മിഥ്യ കേവലം ഉപാസനാർത്ഥം ഉണ്ടോ?

ഉപാസനാർത്ഥം ഉണ്ടോ?

3. ഭക്തനാമകൾ ഉപയോഗിക്കാൻ ഭക്തനാമകൾ ഉപയോഗിക്കാൻ ഉണ്ടോ?

ഉപാസനാർത്ഥം ഉണ്ടോ?

ഉവ്വ.

4. ഭക്തനാമകൾ ഉപയോഗിക്കാൻ മിഥ്യ കേവലം ഉപാസനാർത്ഥം ഉണ്ടോ?

5. ഭക്തനാമകൾ ഉപയോഗിക്കാൻ മിഥ്യ കേവലം ഉപാസനാർത്ഥം ഉണ്ടോ?

ഉവ്വ.

ഭക്തനാമകൾ ഉപയോഗിക്കാൻ മിഥ്യ കേവലം ഉപാസനാർത്ഥം ഉണ്ടോ? ഉപാസനാർത്ഥം ഉണ്ടോ?

മിഥ്യ കേവലം ഉപാസനാർത്ഥം ഉണ്ടോ?

<p>பொருள்</p>	<p>கற்றல் நடவடிக்கை இயக்குகிறார்</p>	<p>கற்றல் அனுபவம் (ஆர்வம் / மனவலி எவ்வளவு)</p>	<p>முடிபடி</p>
<p><u>புள்ளி</u> :</p> <p>* புள்ளி எதிர்ப்பு கற்றல் கற்றல் நடவடிக்கை போது முடிபடி மட்டுமே கற்றல் போன்ற தொடர்பு அளிக்கின்றன. முடிபடி போன்ற கற்றல் 2ம் எதிர்ப்பு போன்ற கற்றல் முடிபடி போன்ற கற்றல் 2ம் முடிபடி போன்ற கற்றல் முடிபடி போன்ற கற்றல்.</p> <p><u>முடிபடி</u> :</p> <p>* கற்றல் போன்ற</p>	<p>எதிர்ப்பு</p>	<p>எ - புள்ளி எதிர்ப்பு எதிர்ப்பு போன்ற முடிபடி கற்றல்.</p>	<p>முடிபடி போன்ற கற்றல் — கற்றல் 2ம் முடிபடி.</p>

பொருள்கள்	பிறிய நுதல்தர இயக்கங்கள்	கற்றுல் அறுபயல்	மேய்ப்பு
<p>பொருளின் தீர்ப்பு கருவிக் மாத் கருவிக் குதல் அது இயக்கம் அமைபும்.</p> <p><u>புயல் . இயக்கம் வேறுபாடுகள் :-</u></p> <p>* புது உடம்பு அமைவு உண் பொருட்களான நூதலா, மென், கரும்பு, புத்தம், நேய்க்கம், மேன் , அது பொருட்கள் ஆதலால் புயல் தீர்ப்பு உண். கீடுபால் ஆதல்கள், மென், கள், இயங்கும் மின் உதீர் போன்றவை இயக்க தீர்ப்பு உண்.</p>	<p>உறுவாத்தல்</p> <p>வேறுபாடுகள்</p> <p>✓</p>	<p>அ - இயக்கத்தின் மற்ற அமைவுகள். ம - கருவிக்.</p> <p>அ - புயல் மற்ற இயக்க தீர்ப்பு உண் பொருட்கள் வேறுபாடு கருவிகள்.</p> <p>ம - கருவிக்.</p>	<p>இயக்கம் என்றால் என்ன?</p> <p>புயல் தீர்ப்பு எடுத்துக்காட்டு கூடு?</p>

<p>மொழிபெயர்ப்பு</p>	<p>சிறிய அளவின் அளவீடுகள்</p>	<p>சிறிய அளவின்</p>	<p>மொழிபெயர்ப்பு</p>
<p><u>உயர்நீதிமன்றம்</u> என்று</p> <p><u>மொழிபெயர்ப்பு</u> :-</p> <ul style="list-style-type: none"> <li>* உயர்நீதிமன்றம் அமைப்பதில்</li> <li>* உயர்நீதிமன்றம் மொழிபெயர்ப்பு</li> </ul> <p>மொழிபெயர்ப்பு (அ) அமைப்பதில் மொழிபெயர்ப்பு மொழிபெயர்ப்பு</p> <ul style="list-style-type: none"> <li>* உயர்நீதிமன்றம்.</li> </ul>	<p>மொழிபெயர்ப்பு</p>	<p>உயர்நீதிமன்றம் மொழிபெயர்ப்பு மொழிபெயர்ப்பு மொழிபெயர்ப்பு மொழிபெயர்ப்பு.</p>	<p>உயர்நீதிமன்றம் மொழிபெயர்ப்பு மொழிபெயர்ப்பு மொழிபெயர்ப்பு?</p>
<p><u>உயர்நீதிமன்றம்</u> அமைப்பது :-</p> <ul style="list-style-type: none"> <li>* உயர்நீதிமன்றம் அமைப்பது</li> </ul> <p>அமைப்பதில்.</p> <ol style="list-style-type: none"> <li>1) உயர்நீதிமன்றம் உயர்நீதிமன்றம்</li> <li>2) உயர்நீதிமன்றம்.</li> </ol>	<p>அமைப்பதில்</p>	<p>உயர்நீதிமன்றம் அமைப்பதில் மொழிபெயர்ப்பு, அமைப்பதில் மொழிபெயர்ப்பு.</p>	<p>உயர்நீதிமன்றம் அமைப்பதில்.</p>



<p>தமிழ் மொழி</p>	<p>சிறிய நடவடிக்கை கொடுக்க</p>	<p>சிறிய அறிவு</p>	<p>குறிப்பு</p>
<p>2) சிறிய மொழி</p> <p>1) சிறிய மொழி</p> <p><u>சிறிய மொழி</u> :-</p> <p>* சிறிய மொழி சிறிய மொழி</p> <p>சிறிய மொழி சிறிய மொழி</p> <p>- சிறிய மொழி</p> <p><u>சிறிய மொழி</u> :-</p> <p>* சிறிய மொழி சிறிய மொழி</p> <p>- சிறிய மொழி</p> <p><u>சிறிய மொழி</u> :-</p> <p>* சிறிய மொழி சிறிய மொழி</p> <p>சிறிய மொழி சிறிய மொழி</p>	<p>சிறிய மொழி</p>	<p>சிறிய மொழி</p> <p>சிறிய மொழி</p> <p>சிறிய மொழி</p> <p>சிறிய மொழி</p>	<p>சிறிய மொழி</p> <p>சிறிய மொழி</p> <p>சிறிய மொழி</p>

<p>എഥനോമെട്രി</p>	<p>കൃത്യ മൂല്യം കണ്ടെത്തൽ</p>	<p>കൃത്യ അളവ്</p>	<p>ഉദാഹരണം</p>
<p><u>ഭവന നിർമ്മാണം :-</u></p> <p>* ഭവന നിർമ്മാണ ധനസഹായം          നൽകുന്നതിനായി സർക്കാർ          അനുദിന നിർമ്മാണ വരുമാനം          നൽകുന്നതിനായി സർക്കാർ          അനുദിന നിർമ്മാണ വരുമാനം          അനുദിന നിർമ്മാണ വരുമാനം.</p> <div data-bbox="257 813 571 1053" data-label="Figure"> </div> <p>അനുദിന നിർമ്മാണ വരുമാനം</p> <p>* അനുദിന നിർമ്മാണ വരുമാനം          നിർമ്മാണ വരുമാനം, നിർമ്മാണ വരുമാനം          അനുദിന നിർമ്മാണ വരുമാനം.</p>	<p>അനുദിന നിർമ്മാണ വരുമാനം</p>	<p>ഉദാ - ഭവന നിർമ്മാണ വരുമാനം          നിർമ്മാണ വരുമാനം          അനുദിന നിർമ്മാണ വരുമാനം.</p> <p>ഉദാ - അനുദിന നിർമ്മാണ വരുമാനം.</p>	<p>ഭവന നിർമ്മാണ വരുമാനം          അനുദിന നിർമ്മാണ വരുമാനം</p>

Definition :-

ആധാര - ഉപാധി - ആധാര ഉപാധി വ്യത്യസ്തമാകുന്നു - ഉപാധി നിരവധി -

പരസ്പരം - ഉപാധിതൃതം ഉത്തരവ് ഉത്തരവ്.

Properties :-

1. ആധാര മാറ്റവും ഉപാധി മാറ്റം വരുത്തുന്നു.
2. ഉപാധിതൃതം ~~ഉത്തരവ്~~ ഉത്തരവ്.

V. S. Ch...  
 ഉത്തരവ് ഉത്തരവ്  
 ഉത്തരവ്

V. S. Ch...  
 ഉത്തരവ് ഉത്തരവ്  
 ഉത്തരവ്

V. S. Ch...  
 ഉത്തരവ് ഉത്തരവ്  
 ഉത്തരവ്

# P. A. COLLEGE OF EDUCATION

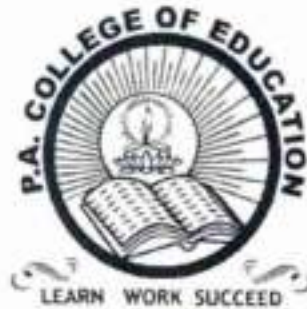
(Approved By NCTE, New Delhi & Affiliated to Tamilnadu Teachers Education University, Chennai)

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Submitted for the B.Ed., Practical Examination held on ..... 20.2.19 .....

  
EXTERNAL EXAMINER

MAJ...  
KAR...  
KAR...



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# TEST AND MEASUREMENT

RECORD :

LEVEL - I



## Test and Measurement.

### Introduction:

A test and measurement is a procedure for measuring ability, knowledge or performance. A test is used not only in performance. It is used not only in academic course but else where too it is used in situations where the performance of people on things need to be measured and discriminated.

Both testing teaching are also clearly inter-related that is virtually impossible to work in either field without being constantly concerned with the other. Tests may be constructed primarily as devices to reinforce learning to motivate the students or as a means of the students performance in the language.

### Diagnostic Test:

As the name implies, this tests are designed to diagnose whether the learner has



learnt something well or whether he/she needs special help in learning an item. These tests do not always deal with the 'Failure' of a learner to do or learn something. They also encourage the learner by pointing out to them where they have succeed.

### Achievement Test:

All the teachers and learners are familiar with these type of tests. They can be administered by the teacher or by an individual educational authority of the state or country. The achievement test took over a long period of time say the diagnostic and it aims at finding out the standard which learners have reached in relation to other learners after instruction. It also discriminates between learners placing them at different level of achievements. A lot of care must be taken in preparing the tests.

## Diagnostic Test

Class : VIII  
Subject : English

Mark : 25  
Time : 40 Mins

## PART A

- I Dictation words 10 x 1 = 10
1. Comfort    2. Couple    3. Ancester    4. Pilgrim    5. Vivid    6. Orthodox  
7. Tradition    8. Dream    9. Collector    10. Amicably

## PART B

- II Opposite 10 x 1 = 10
1. Wisdom  
2. Tolerance  
3. Comfort  
4. Refused  
5. Generosity

- III Fill in the blanks 5 x 1 = 5
- 1 Name the District in which you live ----  
2 Who is called the Missile Man of India? ----  
3 How do you feel if you get 1st Rank? ----  
4 How do you come to school?  
5 Name the Chief minister of our State?

## PART C

- IV IDENTIFY THE GERUND AND PARTICIPLE IN THE GIVEN SENTENCES 5 x 1 = 5
- 1 Eating moderately is good for health  
2 She likes swimming  
3 To obey traffic rules is a must  
4 Watching Plays can be fun  
5 To find fault with others is easy

## Achievement Test

### Design of Question Paper.

Weightage to objectives:

We should give importance to the objectives while taking questions. The objectives are Knowledge, Understanding, application and Skill.

S.N	Objectives	Marks	Percentage
1	Knowledge	24	48 %
2	Understanding	12	24 %
3	Application	8	16 %
4	Skill	6	12 %
	Total	50	100

Weightage of Content:

We give importance to the subject that has been taken in the class.

S.N	Content	Marks	% of Marks
1	Prose	18	36%
2	Poem	10	20%
3	Supplementary	7	14%
4	Grammar	15	30%

Weightage to Questions:

While setting different Section of question papers, objective types, short answer type and essay type questions are used in different ways.

S.N	Question type	Marks	% of Marks
1	Objectives	40	80%
2	Short Answer	5	10%
3	Essay type	5	10%



Blue Print  
Achievement Test

Class : VIII

Time : 1.30 mins

Subject : English

Marks : 50 marks

S.N	Objectives Content	Knowledge			Understanding			Application			Skill			Total
		O	SA	E	O	SA	E	O	SA	E	O	SA	E	
1.	Prose	1(5)	1(2)	1(5)	1(5)	1(1)								18
2.	Poem			1(4)								1(6)		10
3.	Supplementary	1(5)					1(2)							7
4.	Grammar	1(7)						1(1)						15
		24			12			8			6			

O- Objective    SA- Short Answer    E- Essay

## Achievement Test

Class : VIII  
Subject : English

Marks : 50

Time : 1 1/2Hr

I Chose the correct Synonyms from the options

5 x 1 = 5

1. All her efforts become futile

a) Good

b) Useless

c) Useful

2. Her work went without disruption

a) Fast

b) Disturbance

c) Slow

3. The King acquired new territories

a) Parts

b) Mutiny

c) Region

4. Sara is a wiry girl

a) High

b) Thin and strong

c) Coward

5. The Children clapped gleefully

a) Happily

b) Eagerly

c) Sadly

II Pick out the correct Antonym.

5 x 1 = 5

The Narrator of the story felt very sick for a week

1 Charm

-----

a) Healthy

b) Feeble

c) Un healthy

2 Defy

-----

a) Oppose

b) Accept

c) Join

3 Strange

-----

a) Special

b) Common

c) Usual

4 Lofty

-----

a) Thin

b) Low

c) Thick

5 Brave

-----

a) Bold

b) Strong

c) Frightened

7

### Arithmetic Mean.

Arithmetic mean is the sum of all values in the data distributed, divided by the number of values in the data.

$$\text{Mean } \bar{x} = \frac{\sum fx}{\sum f}$$

$$\bar{x} = \frac{1270}{20}$$

$$\text{Mean } \bar{x} = 63.5$$

### Median.

C-I	f	C-F
40 - 50	1	1
50 - 60	5	6
60 - 70	10	16
70 - 80	4	20
80 - 90	-	-
90 - 100	-	-

## Median

Median is another widely known and frequently used average. It is defined as the most central and middle most value of the data given in the form of an array.

$$\text{Median} = L + \left[ \frac{N/2 - c.f}{f} \right] \times C$$

where

$L$  = Lower limit of median class.

$f$  = Frequency of the median class

$c.f$  = Cumulative frequency just above the median class.

$C$  = Class Interval.

$$\text{Median} = L + \frac{N/2 - c.f}{f} \times C$$

$$N/2 = \frac{20}{2} = 10, \quad L = 60, \quad c.f = 5, \quad f = 10, \quad C = 10$$

$$= 60 + \frac{10 - 5}{10} \times 10$$

$$= 60 + \frac{5}{10} \times 10$$



$$= 60 + 5$$

$$\text{Median} = 65$$

Mode.

CJ	f
40 - 50	1
50 - 60	5
60 - 70	10
70 - 80	4
80 - 90	-
90 - 100	-
	$\Sigma x = 20$

$$L = 60, f_1 = 5, f_2 = 4, C = 10$$

$$\begin{aligned}
 Q_1 &= L + \left[ \frac{\frac{N}{4} - cf}{f} \right] \times c \\
 &= 50 + \left( \frac{5 - 1}{5} \right) \times 10 \\
 &= 50 + \frac{40}{5} \\
 &= 50 + 8.00 \\
 Q_1 &= 58.00
 \end{aligned}$$

### Quartile Deviation.

Quartile deviation is defined as the half of the difference between the third quartile and the first quartile.

$$Q.D = \frac{Q_3 - Q_1}{2}$$

$$Q_1 = L + \left[ \frac{\frac{N}{4} - c.f}{f_1} \right] c$$

where,

$L$  = Lower limit of the median class of the first quartile

$f_1$  = Frequency of the median class of the first quartile.

C.f = Cumulative frequency of the median class.

C = Class Interval

$$Q_3 = L + \left[ \frac{3 \frac{N}{4} - c.f}{f_1} \right] \times C$$

$$\frac{3N}{4} = \frac{3 \times 20}{4} = \frac{60}{4} = 15$$

$$\begin{aligned} L &= 60 \\ C.f &= 6 \\ f &= 10 \\ C &= 10 \end{aligned}$$

$$Q_3 = L + \left[ \frac{3 \frac{N}{4} - c.f}{f} \right] \times C$$

$$= 60 + \left( \frac{15 - 6}{10} \right) \times 10$$

$$= 60 + \frac{9}{10} \times 10$$

$$= 60 + 9$$

$$= 69$$

$$Q_3 = 69$$

## Standard Deviation

The standard deviation scores are obtained by subtracting arithmetic mean from the required values square these value. This is divided by the number of observations which give the variance and the square root of this called the standard deviation.

$$\begin{aligned}
 \text{S.D } \sigma &= \sqrt{\frac{\sum fd^2}{N} - \left(\frac{\sum fd}{N}\right)^2 \times C} \\
 &= \sqrt{\frac{13}{20} - \left(\frac{-3}{20}\right)^2 \times 10} \\
 &= \sqrt{0.65 - (-0.15)^2 \times 10} \\
 &= \sqrt{0.65 - 0.0225 \times 10} \\
 &= \sqrt{0.6275} \times 10 \\
 &= 0.790 \times 10 \\
 \sigma &= 7.90
 \end{aligned}$$



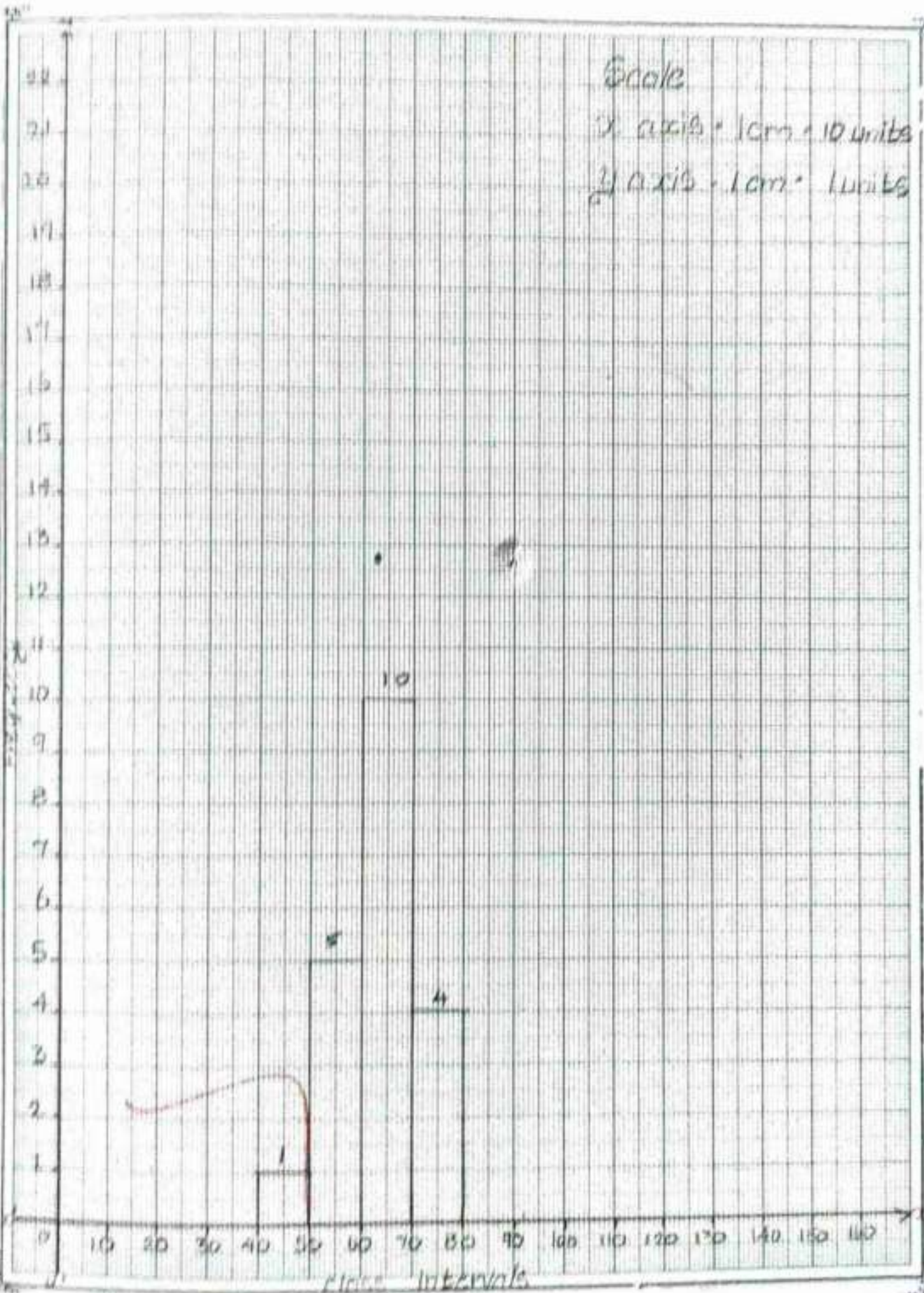
## Histogram.

Class Interval	Frequency
40 - 50	1
50 - 60	5
60 - 70	10
70 - 80	4

Scale

X axis - 1cm = 10 units

Y axis - 1cm = 1 unit



## frequency Polygon

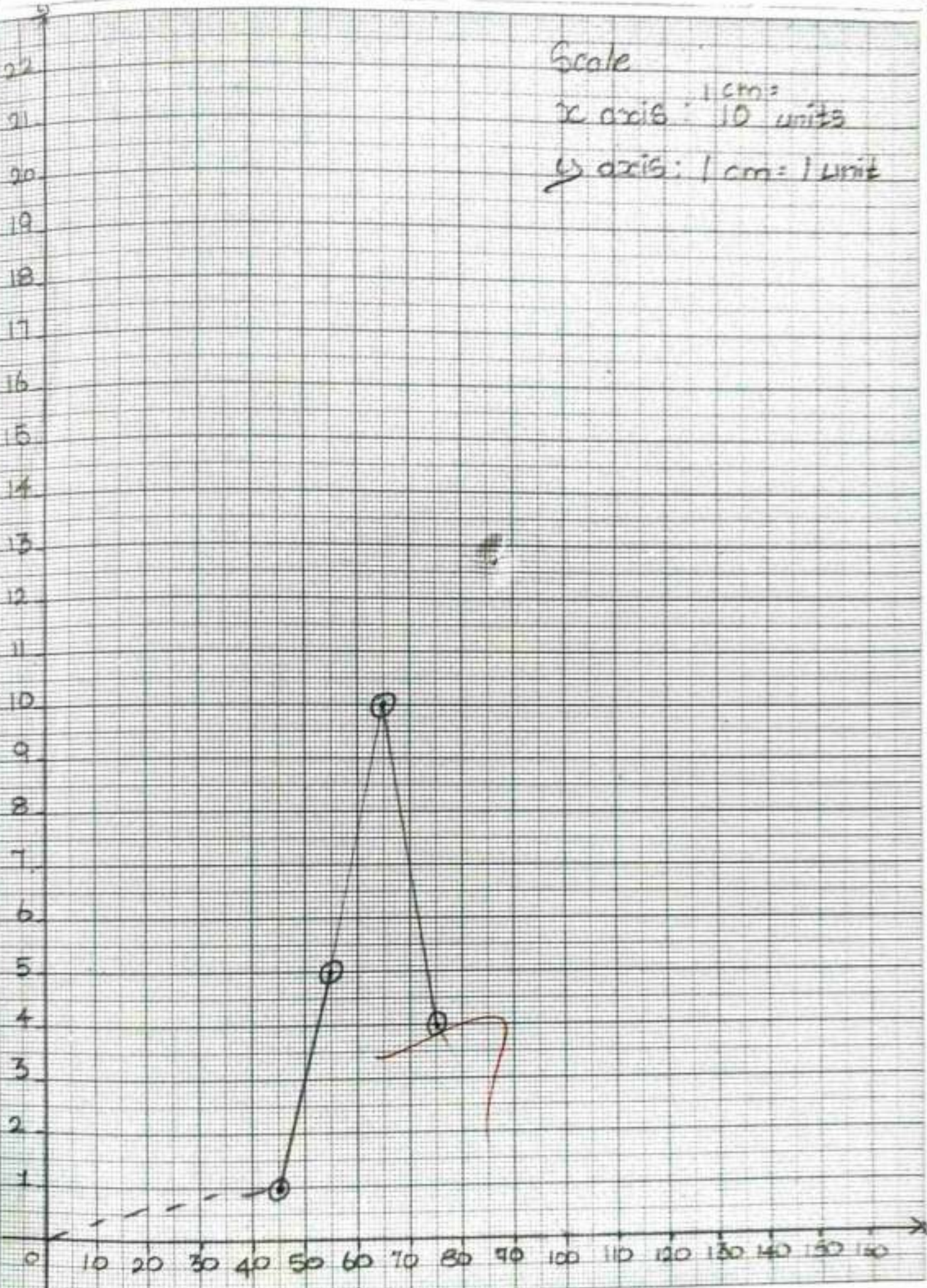
Class Interval	frequency	Midvalue
40 - 50	1	45
50 - 60	5	55
60 - 70	10	65
70 - 80	4	75



Scale

x axis : 1 cm = 10 units

y axis : 1 cm = 1 unit





## Frequency Curve

Class Interval	Frequency	Midvalue
40 - 50	1	45
50 - 60	5	55
60 - 70	10	65
70 - 80	4	75

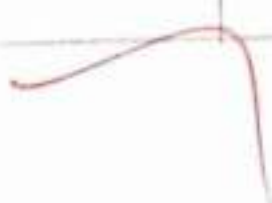


Fig 1

At 02:30, 1000 = 1000

At 03:00, 1000 = 1000

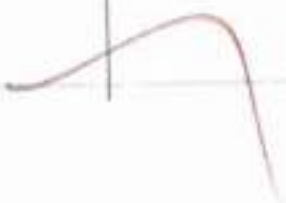


1000

0 10 20 30 40 50 60 70 80 90 100

## Cumulative Frequency Curve

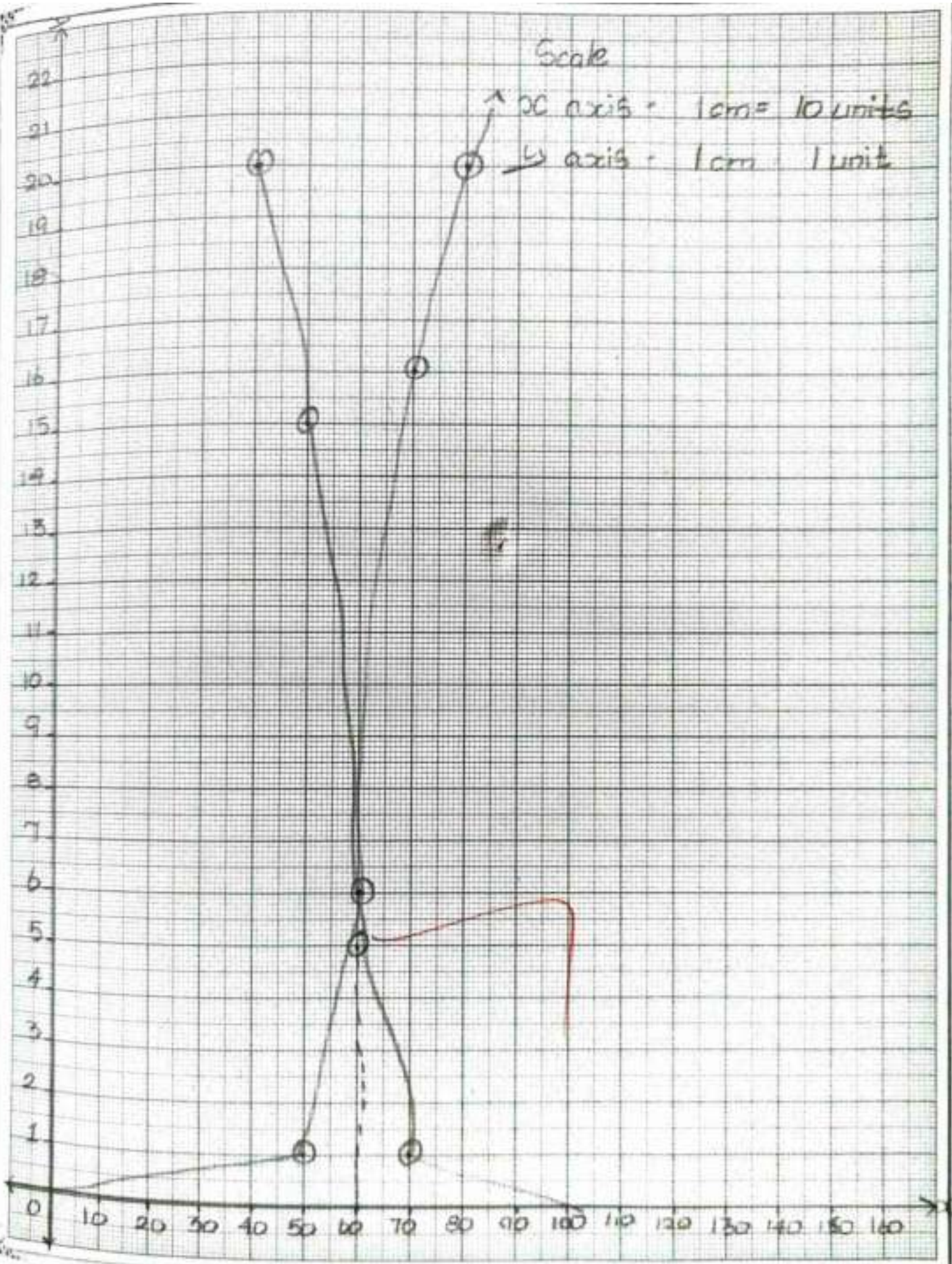
Class Interval	Frequency	Lcf	7cf
40 - 50	1	1	20
50 - 60	5	6	15
60 - 70	10	16	5
70 - 80	4	20	1



Scale

OC axis - 1cm = 10 units

OX axis - 1cm = 1 unit





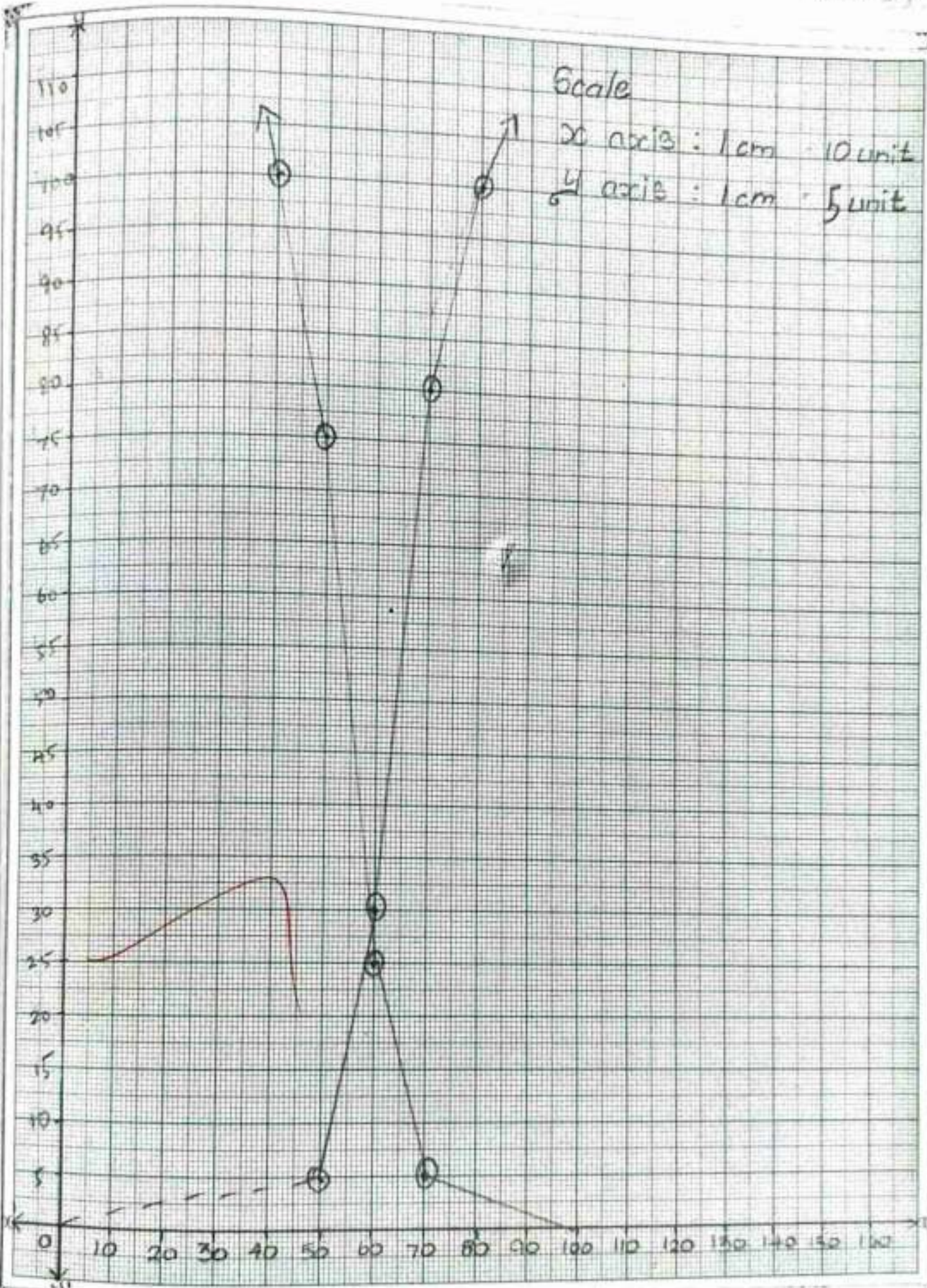
## Ogive

Class Interval	Frequency	L cf	% L cf	7 cf	% > cf
40 - 50	1	1	5	20	100
50 - 60	5	6	30	15	75
60 - 70	10	16	80	5	25
70 - 80	4	20	100	1	5

Scale

X axis : 1cm = 10 unit

Y axis : 1cm = 5 unit





## Conclusion:

Score obtained from various tests and measurements are always relative and not absolute. Hence to know the objectively, reliability and certain things like blue print, questions while analysis weightage to the type of questions, objectives to the content, critical analysis of question paper or capacity. The test helps the teacher to know the individual difference of the pupils.

Completed  
Maya

# P. A. COLLEGE OF EDUCATION

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POLLACHI, COIMBATORE - 642 002. Phone : 04259 - 230893 Cell : +91 99424 99814

Website : www.paeducations.org Email : paeducation@rediffmail.com

College Code : 10333



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Register No .....1033317BDO32..... of B.Ed., Course during the  
academic Year 2011 - 2019

*T. Pratheeba*

INTERNAL EXAMINER

**T. PRATHEEBA**, M.Sc., B.Ed.,  
Asst. Professor of Computer Science Education  
P. A. College of Education  
POLLACHI - 642 002.

*Dr. T. Sentil Kumar*

PRINCIPAL

Dr. T. SENTIL-KUMAR, M.A., M.Ed., M.Phil., Ph.D.,

Principal

P. A. COLLEGE OF EDUCATION

Pollachi - 642 002.

Submitted for the B.Ed., Practical Examination held on .....20/12/2019.....

*mex*

EXTERNAL EXAMINER

**Dr. V.UMA**, M.Sc., M.Ed., M.Phil., Ph.D.,  
PRINCIPAL,  
ARUNAMALAI COLLEGE OF EDUCATION,  
MELAVASAL MANNAI GUDA-614 001,  
THIRUVARUR-DL



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## Lesson plan - 1

Lesson Title : Practical Geometry

Topic Name : Quadrilateral

Teaching Aids :

- \* chart
- \* Flashcard
- \* Ohp

chart : It displays the quadrilateral and its family.

Flashcard : It shows the area of a quadrilateral.

Ohp : It contains the construction of quadrilateral ABCD with three sides, one diagonal and one angle.



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K. THARANIPRIYA

with

Register No .....1033317BD074..... of B.Ed., Course during the  
academic Year 2018 - 2019



INTERNAL EXAMINER

M. PACKIARAJ, M.A., M.Ed.,

Assistant Professor in History Education

P. A. College of Education,

POLLACHI - 642 002.



PRINCIPAL

Dr. M. SENTHILKUMAR, M.Sc., M.Ed., M.Phil., Ph.D.

Principal

P. A. COLLEGE OF EDUCATION

Pullampatty, Pollachi - 642 002.

Submitted for the B.Ed., Practical Examination held on .....20.12.2019.....



EXTERNAL EXAMINER

MA, B.Ed.,

KANNIYAKUMARI

KANNIYAKUMARI

KANNIYAKUMARI



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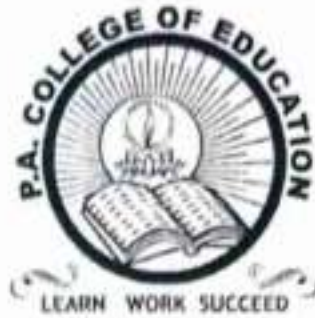
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Website : www.paeducations.org Email : paeducation@rediffmail.com

College Code : 10333



## BONAFIDE CERTIFICATE

Certified to be the Bonafide record of work done by

..... M. RAMYA ..... with

Register No ..... 10333...1780053 ..... of B.Ed., Course during the  
academic Year 2018 - 2019



INTERNAL EXAMINER

M. NARAJ, M.A., M.Ed.,  
Assistant Professor in History Education  
P. A. College of Education,  
POLLACHI - 642 002.



PRINCIPAL

Dr. M. SENTHILKUMAR, M.Sc., M.Ed., M.Phil., Ph.D.

Principal

P. A. COLLEGE OF EDUCATION

Puliampatty, Pollachi - 642 002.

Submitted for the B.Ed., Practical Examination held on ... 20.2.2019 .....



EXTERNAL EXAMINER

Dr. L. SUNDAR,  
M.A., M.Phil., M.Ed., Ph.D., D.Sc., D.Litt.,  
Assistant Professor  
KANCHI COLLEGE OF EDUCATION  
KARAIKUPPETAL, KANCHI, RAJ. 641 002







MINI-  
TEACHING  
RECORD

take place only in the college of education

MINI TEACHING - ①

- NAME : M. Ramya
- SUBJECT : Commerce
- TOPIC : Transportation
- FOCUS : Types of transport
- DATE : 28.12.2018
- TIME : 10 - 15 minutes

Objectives :

- To understand the meaning of transport.
- To know about the definition of transport.
- To describe the types of transport.

TEACHING LEARNING MATERIALS :

- chart
- Rotating disk
- Flash cards

CONTENT OUTLINE :

\* To know <sup>about</sup> the meaning, definition and types of transport.

TEACHING SKILLS :

- ⇒ skill of set induction
- ⇒ skill of explaining
- ⇒ skill of questioning
- ⇒ skill of stimulus variation
- ⇒ skill of Reinforcement
- ⇒ skill of communication
- ⇒ skill of closure

TEACHER / STUDENTS	TEACHING - LEARNING ACTIVITY	USED SKILLS
Teacher	Good Morning students	skill of set induction
Students	Good Morning teacher.	
Teacher	Are you travelling by bus or in any other vehicle?	Preliminary Attention Gain (PAG)
Students	Bus, teacher.	
Teacher	Which vehicle do you like?	Relevant and continuity (RC)
Students	Bike and car.	
Teacher	OK. Today in this class we are going to discuss about "Transport".	Topic Declaration (TD)
Students	OK, teacher.	
Teacher	Meaning: The term 'transport' includes all the clerical, mental and manual occupation involved in the operation of road, rail, canal, sea, and air transport.	Beginning statement (BS)



Teacher	Definition: According to K.K. Saxena, "the transport system acts with reference to the area it serves in the same way as a candle does in a dark room".	Fluency of Explanation + Delivery of information. skill of explaining
Teacher	What is the meaning of transport?	ATPU
Students	The term transport includes all occupation in the operation of all transport.	Correct Response (CR)
Teacher	Very good	PVR
Teacher	Transport can be divided into three types: <ol style="list-style-type: none"> <li>1) Land transport</li> <li>2) Water transport</li> <li>3) Air transport</li> </ol>	Fluency of Explanation
Teacher	How many types of transport?	ATPU
Students	Three types of transport.	CR
Teacher	Good	PVR
Students	Thank you teacher.	

the classroom).

students listening the topic eagerly.

Teacher what are the advantages of water transport?

(Teacher show the picture of water transport).

students It is suitable for heavy loads.

Teacher Good. In this topic, we got more information about transport and its types.

students Yes, teacher.

Teacher Today, we learned about this topic interestingly. In next class we will see another new topic. Thank you.

student Thank you, teacher.

Interactional styles + shifting of sensory channels

Giving summary

Motivation for more learning

Name of the student Teacher: M. Ramya

Teaching steps	Average	Good	Very Good	Total
Motivation		✓		2
Presentation			✓	3
Interaction		✓		2
Reflection		✓		2
Summing up		✓		2
Total		8	3	11

OVERALL ASSESSMENT OF TEACHING STEPS:

Average  Good  Very Good  11 ✓

M. Ramya  
signature of the  
student teacher

M. P. L.  
signature of the  
Guide Teacher

M. P. L.  
signature of  
the observer



Name of the student Teacher :

Teaching skills	Average	Good	very Good	Total
Introducing			✓	3
Explaining			✓	3
Questioning		✓		2
Varying the stimulus			✓	3
Non-verbal cues		✓		2
Reinforcement			✓	3
closure		✓		2
Fluency in communication	✓			1
Total	1	6	12	19

OVERALL ASSESSMENT OF MINI TEACHING:

Average  Good  Very Good  19 ✓

M. Raja  
signature of the  
student teacher

M. P. L.  
signature of the  
Guide teacher

m. [Signature]  
signature of  
the observer





# P. A. COLLEGE OF EDUCATION

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POLLACHI, COIMBATORE- 642 002

B.Ed. DEGREE COURSE 2017-2019

## LESSON PLAN

*Certified to be the bonafide record of work done by*

Name

GEETHA. J.

Reg. No.

10333178D016

Pedagogy Subject

PEDAGOGY OF ENGLISH

Geetha. J.  
Student Teacher

M. Senthil Kumar  
Principal

Dr. M. Senthil Kumar, M.Sc., M.Ed., M.Phil., Ph.D.  
Principal

P. A. COLLEGE OF EDUCATION  
Puliampatty, Pollachi - 642 002.

M. Jayaprakash  
Internal Examiner





















M. JAYAPRAKASH, D.T.Ed., M.A., M.Ed.,  
Assistant Professor in English Education  
P. A. COLLEGE OF EDUCATION  
POLLACHI - 642 002.

Dr. V. Uma  
2. PRINCIPAL,  
ARUNAMALAI COLLEGE OF EDUCATION,  
MELAVASAL, MANNARGUDI-614 001.  
THIRUVARUR-DI.

Date: 30/2/19


Place: Pollachi

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# INDEX

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23	Lesson Plan - 22	215	<i>[Signature]</i>
24	Lesson Plan - 23	225	<i>[Signature]</i>
25	Lesson Plan - 24	235	<i>[Signature]</i>
26	Lesson Plan - 25	245	<i>[Signature]</i>
27	Lesson Plan - 26	255	<i>[Signature]</i>
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29	Lesson Plan - 28	275	<i>[Signature]</i>
30	Lesson Plan - 29	285	<i>[Signature]</i>
31	Lesson Plan - 30	295	<i>[Signature]</i>
32	Conclusion	305	<i>[Signature]</i>

  
 SIGNATURE OF THE ASSISTANT PROFESSOR  
**M. JAYAR**  
 Assistant Professor  
 P. A. College  
 POLLACHI - 646 001





# P. A. COLLEGE OF EDUCATION

(Approved by NCTE, New Delhi & Affiliated to Tamilnadu Teachers Education University, Chennai)

Pollachi, Coimbatore - 642 002.

## STUDENT TEACHING PROFILE

Student Teacher : Geetha. N

Date : 7<sup>th</sup> Aug, 2018.

Cooperating School : Municipal Girls Hr. Sec. School, Pollachi.

Standard : 8<sup>th</sup> standard


Observer : Mrs. P. Ramadevi, M.A., B.Ed., N.Phil., P.T.D.

Period : 5<sup>th</sup>

Subject / Topic : English - A Woman of Courage

Aspects and Criteria	Rating Scale	Comments
<b>I LESSON PLAN</b>		
<b>1. Instructional Objectives and learning-outcomes.</b> (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	10 9 8 <u>7</u> 6 5 4 3 2 1	Good
<b>2. Content</b> (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	10 9 8 <u>7</u> 6 5 4 3 2 1	Good
<b>3. Review Evaluation / Tests / Assignments, etc.</b> (i) Overall coverage (ii) Appropriateness (iii) Accuracy (iv) Brevity	10 9 <u>8</u> 7 6 5 4 3 2 1	Perfect



Aspects and Criteria	Rating Scale	Comments
<b>II TEACHING LEARNING SITUATION</b> <b>1. Preparation</b> (i) Relevance (ii) Sufficiency (iii) Interest aroused	10 9 8 (7) 6 5 4 3 2 1	Good
<b>2. Learning Experience</b> (including use of instructional materials) (i) Productivity (ii) Organization (iii) Student participation (iv) Systematic B.B. work	10 9 (8) 7 6 5 4 3 2 1	Good
<b>3. Techniques</b> (i) Effectiveness (ii) Relevance (iii) Originality	10 9 8 (7) 6 5 4 3 2 1	Good
<b>4. Development of Lesson</b> (i) Sustained pupil interest and continued pupil participation (ii) Attainment of objectives (iii) Accuracy of content (iv) Sequential and logical (v) Budgeting of time	10 9 8 (7) 6 5 4 3 2 1	Good
<b>5. Review and Evaluation</b> (i) Structuring (ii) Meeting individual differences (iii) Effectiveness	10 9 8 (7) 6 5 4 3 2 1	Good
<b>III. TEACHER</b> <b>1. Appearance, Manners, Movement and Communication</b> (i) Neat (ii) Pleasant (iii) Controlled (iv) Expression (v) Language (vi) Speech and voice	10 9 8 7 (6) 5 4 3 2 1	Good
<b>2. Social Climate</b> (i) Interaction (ii) Sympathy (iii) Enthusiasm (iv) Effective dealing of situation	10 9 (8) 7 6 5 4 3 2 1	Very Good
<b>Additional Comments</b>		 Signature of Observer

## LESSON PLAN-1

Name of the Student Teacher : Geetha. A

Name of the Guide Teacher : Mrs. P. Ramadevi, M.A., B.Ed., M.Phil., Ph.D.

Name of the School : Municipal Girls Ar. Sec. School, Pollachi.

Subject : English

Class : ~~10<sup>th</sup>~~ Eighth standard

Unit : III - Prose

Topic : Living Amicably

No. of Students : 20 students

Duration : 40 minutes

Period : V

Date : 8<sup>th</sup> Aug, 2018.

## Specific Instructional Objectives:

### The Pupils

- \* Defines the title of the story
- \* Gives model reading of the story.
- \* Explains the story.
- \* Grasps the meanings for new words in the story
- \* Gets clear view about the characters.
- \* Locates the central idea of the passage
- \* Summarizes the story.

## Teaching Aids:

Chart  $\Rightarrow$  It shows the picture of Kumaon hills.

Flash Card  $\Rightarrow$  It shows the meanings for hard words.

~~QAD~~ ~~AKKAT~~  $\Rightarrow$

Cut Out  $\Rightarrow$  Shows the picture of Saralabehn.

## Previous knowledge:

1.) Name some freedom fighters.

2.) Does women employed in riot?

3.) Who are the female freedom fighters?

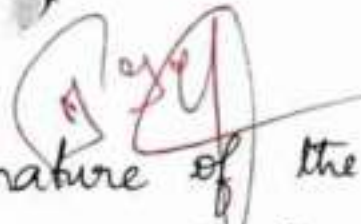


CONTENT	SPECIFIC OBJECTIVES	LEARNING EXPERIENCE	EVALUATION
<p>This story is about a woman, who fought for India especially trees of Indian forests and died as a martyr, being a foreigner. The title is 'A Woman of Courage'.</p>	<p>Defines</p>	<p>The teacher is defining and describing the title of the story.</p>	<p>What is the title?</p>
<p>The story is read aloud by the teacher for correct pronunciation and accent.</p>	<p>Model Reading</p>	<p>The teacher is reading the story loudly to the students.</p>	<p>Is the woman an Indian?</p>

### Assignments :

- 1.) Draw the image of Himalayas → Kumaon Hills in activity note.
- 2.) List out few more women freedom fighters.

Rw  
Signature of the  
Guide Teacher

  
Signature of the  
Assistant Professor  
M. JAYAPRAKASH, D.T.E., M.A., M.Ed.,  
Assistant Professor in English Education  
P.A. College of Education  
POLLACHI - 642 902.

Byeltra. N  
Signature of the  
Student Teacher.

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College Code : 10333



TEST AND MEASUREMENT RECORD : LEVEL - I


Name of the Candidate : H. DHANA PRIYA

Register No. : 1033318 RDD 14

Level I : PEDAGOGY OF SOCIAL SCIENCE

Level II : PEDAGOGY OF COMMERCE AND  
ACCOUNTANCY

  
STUDENT TEACHER

  
INTERNAL EXAMINER  
M. PACKIRAJ, M.A., M.Ed.,  
Assistant Professor in History Education  
P. A. College of Education,  
POLLACHI - 642 002.

  
PRINCIPAL

Dr. M. SENTHILKUMAR, M.Sc., M.Ed., M.Phil., Ph.D.

Principal

P. A. COLLEGE OF EDUCATION

Pullampatty, Pollachi - 642 002.

EXTERNAL EXAMINER







## TEST AND MEASUREMENT

### INTRODUCTION:

A test and measurement is a procedure and measuring ability, knowledge or performance. A test is used not only in performance. It is used not only in academic course but else where too it is used in situations where the performance of people or things need to be measured and discriminated.

Both testing, teaching are also clearly inter-related that is virtually impossible to work in either field without being constantly concerned with the other.

Tests may be constructed primarily as devices to reinforce learning to motivate the students or as a means of students performance in the language.

DIAGNOSTIC  
Social Science Test

class: VII

Marks: 20

choose the best answer.

1. \_\_\_\_\_ was the land gifted to temples.  
a) Vellanvagai      b) Iphalabhoga  
c) Brahmadeya      d) Devadana
2. \_\_\_\_\_ period was known as the period of devotional literature.  
a) chola              b) Andhra  
c) Rajput             d) Vijayanagara
3. Who wrote Prithvirajraso?  
a) Kalhana          b) Vishakhadatta  
c) Rajasekara      d) Chand Bardai
4. Ghazni was a small principality in \_\_\_\_\_  
a) Mangolia          b) Turkey  
c) Persia             d) Afghanistan
5. Which of the following was the lowest unit of chola administration?  
a) Mandalam        b) Nadu  
c) Kuzham          d) Uru
6. An example of Chola architecture can be seen at \_\_\_\_\_  
a) Kamejiram        b) Uraiyur  
c) Kanchipuram    d) Thanjavur

Achievement Test

Importance given to objectives

Objectives	Marks	Percentage
Knowledge	11	22%
Understanding	21	42%
Application	13	26%
Skill	5	10%
TOTAL	50	100%



## BLUE PRINT

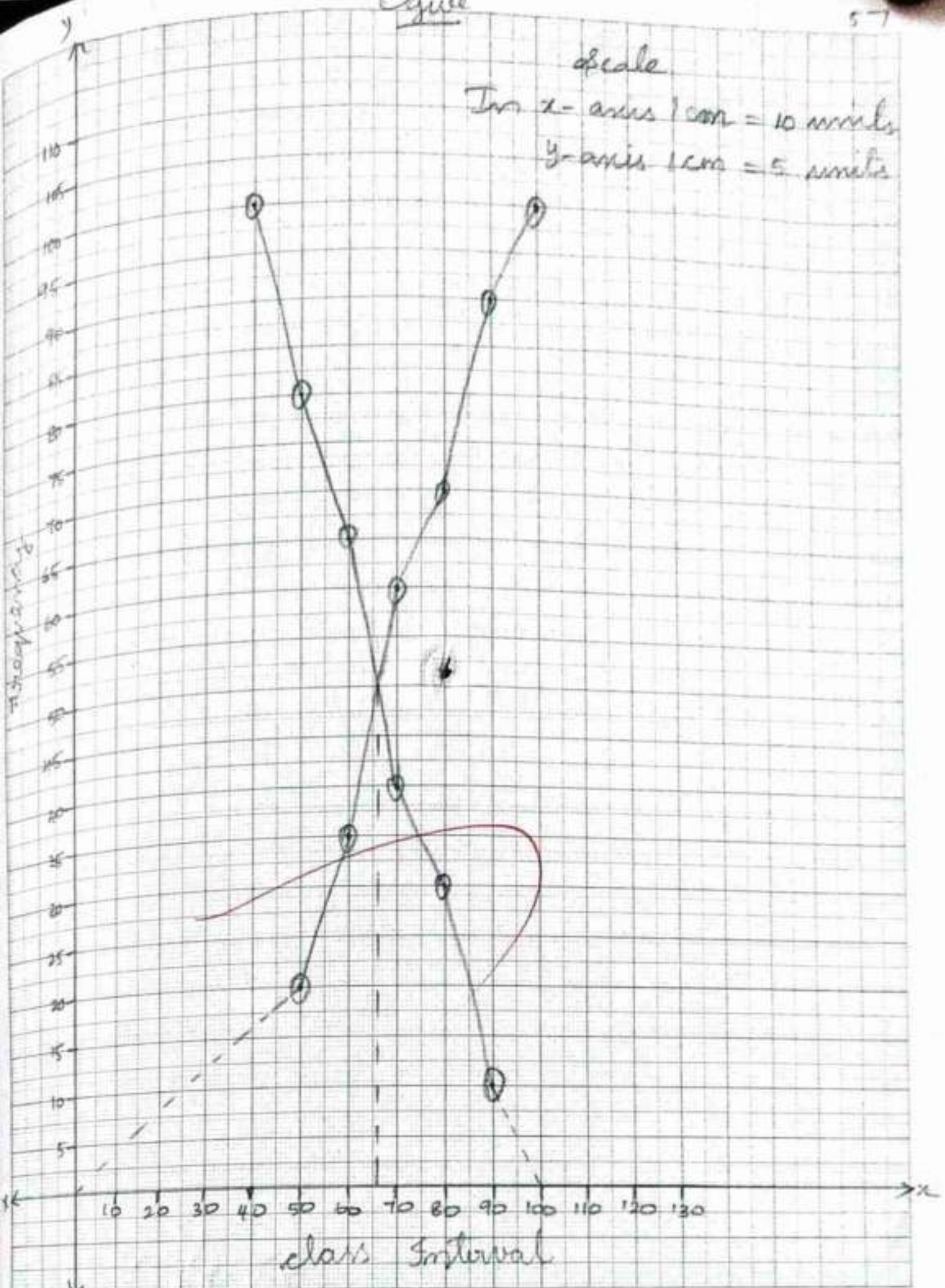
Content	Knowledge			Understanding			Applications			Skill			Total		
	O	S	L	O	S	L	O	S	L	O	S	L	O	S	L
Resources	2(1)	1(2)	-	2(1)	3(2)	1(5)	1(1)	2(2)	1(5)	-	-	1 <sup>1*</sup> (5)	5(1)	5(2)	2(5)
Tourism	3(1)	2(2)	-	2(1)	3(2)	1(5)	-	2(2)	1(5)	-	-	1(5)	5(1)	5(2)	2(5)
	11			21			13			5			10	20	20
													50		

- ∴ Marks are mentioned outside the bracket.
- No. of questions included in the bracket.
- \*Stars are mentioned for extra questions.



Scale

X-axis 1 cm = 10 marks  
Y-axis 1 cm = 5 marks



Percentage

class Interval

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## INSTRUCTIONAL MATERIALS RECORD : LEVEL II

Name of the Candidate : PUSHPALATHAN

Register No. : 1033318BD058

Level I : PEDAGOGY OF BIOLOGICAL SCIENCE

Level II : PEDAGOGY OF BIOLOGICAL SCIENCE

Pushpalatha V  
STUDENT TEACHER

V.S. Chandrasekhar  
INTERNAL EXAMINER

Dr. V.S. CHANDRASEKHAR, M.Sc., M.Ed., M.Phil., Ph.D.,  
Asst. Professor in Biological Science Education,  
P.A. College of Education,  
Pollachi - 642 002.

M. Senthil Kumar  
PRINCIPAL

Dr. M. SENTHILKUMAR, M.Sc., M.Ed., M.Phil., Ph.D.  
Principal  
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Puliampatty, Pollachi - 642 002.

EXTERNAL EXAMINER  
Dr. M. Senthil Kumar  
மெட். எம்.எட்., எம்.பீ.டி., பீ.ஐ.டி.,  
பேராசிரியர், தமிழ்நாடு  
புலியாம்பட்டி கல்விப்பயிற்சலகம்  
சி.என்.பெட்டையா, சிவசபைமலம்-642 002.



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4.	14.8.19	Lesson plan - 02	9	✓
5.	19.8.19	Lesson plan - 03	10	✓
6.	21.8.19	Lesson plan - 04	11	✓
7.	26.8.19	Lesson plan - 05	12	✓
8.	28.8.19	Lesson plan - 06	13	✓
9.	30.8.19	Lesson plan - 07	14	✓
10.	4.9.19	Lesson plan - 08	15	✓
11.	6.9.19	Lesson plan - 09	16	✓
12.	10.9.19	Lesson plan - 10	17	✓
13.	4.10.19	Lesson plan - 11	18	✓
14.	10.10.19	Lesson plan - 12	19	✓
15.	11.10.19	Lesson plan - 13	20	✓
16.	12.10.19	Lesson plan - 14	21	✓
17.	15.10.19	Lesson plan - 15	22	✓
18.	17.10.19	Lesson plan - 16	23	✓
19.	19.10.19	Lesson Plan - 17	24	✓
20.	23.10.19	Lesson Plan - 18	25	✓
21.	25.10.19	Lesson Plan - 19	26	✓
22.	29.10.19	Lesson Plan - 20	27	✓
23.	31.10.19	Lesson Plan - 21	28	✓
24.	1.11.19	Lesson Plan - 22	29	✓
25.	4.11.19	Lesson Plan - 22	30	✓

LESSON PLAN - 02

LESSON TITLE : Plant Physiology

TOPIC NAME : Nastic movements

TEACHING AIDS :

\* Flash card

\* Real model

\* chart

Flash card:-

It shows examples for photonasty.

Real model:-

It showing the nastic movement in plants.

chart:-

It shows the difference between tropic and nastic movements.





# P. A. COLLEGE OF EDUCATION

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Website : www.paeducations.org Email : paeducation@rediffmail.com

College Code : 10333



## OBSERVATION RECORD LEVEL - I

Name of the Candidate : J. MYTHILI

Register No. : 1033318B.D.018

Level I : PEDAGOGY OF MATHEMATICS

Level II : PEDAGOGY OF COMPUTER SCIENCE

*J. Mythili*  
STUDENT TEACHER

*S. Sathya*  
INTERNAL EXAMINER

Mrs. S. SATHYAPRIYA, M.Sc., M.Ed.,  
Assistant Professor in Education  
P.A. College of Education  
Pollachi - 642 002.

*M. Senthil Kumar*  
PRINCIPAL

**Dr. M. SENTHILKUMAR, B.A., B.L., B.A., B.A.**

Principal

**P. A. COLLEGE OF EDUCATION**

Pulampatty, Pollachi - 642 002.

EXTERNAL EXAMINER

*[Signature]*  
[Illegible text]



## Observation Form - I

Name of the Guide Teacher: Mr. Giru Gandhi M.Sc., M.Ed.

Work Experience: 20 years

Name of the school: Government. Higher.  
secondary. school

Class: VII

Date: 5.8.2019

Subject: Mathematics

Unit: 5

Topic: Transversal

Period: V

## I criteria For Observation

1. Motivation : The teacher recall the previous topic and asked related questions to the students.
2. Explaining : The teacher explained the topic by giving real examples to the students.
3. Method of Teaching : The teacher used lecture and demonstration method to teach the transversal.
4. Using of Teaching Aids : The teacher used the charts, flashcards for the teaching the topic to the students.



5. Language skills : The teacher used simple words and simple sentence formation to the students.
6. Pronunciation : The teacher pronounced the words clearly and giving pause to the important one.
7. Speed of Teaching Level : The teacher teaches the topics in the medium level of the speed.
8. Modulation : The teacher teaches the topic with proper voice modulation.

## II Student Teacher Interaction :

1. Student's Interest : students listened the topic actively and attentively.
2. Student's Role in the class : students participations is more than the class room activities
3. Questioning and Electing : The students gave the correct response to the questions asked by the teachers.

## III Teacher's Presentation :

1. Method used : The teacher used the demonstration method to explain the content.

Page NO:   

2. Instructional Aids : charts and flashboards used are used by the teachers.

3. Appearance : The appearance of teacher was very simple and neat.

4. Dressing sense : The dressing style of the teacher was very good.

5. Movement : The teacher moved around the class while teaching.

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College Code : 10333



## INNOVATIVE SCHOOL AND HEALTHY PRACTICES

Name of the Candidate : C. NALINI

Register No. : 1033318BD050

Level I : PEDAGOGY OF SOCIAL SCIENCE

Level II : PEDAGOGY OF COMMERCE

C. Nalini  
STUDENT TEACHER

M. Jayaprakash  
INTERNAL EXAMINER  
M. JAYAPRAKASH, B.Ed, M.A, M.Ed.  
Assistant Professor in English Education  
P. A. College of Education  
POLLACHI - 642 002.

M. B. Kumar  
PRINCIPAL  
P. A. COLLEGE OF EDUCATION  
Pollachy, Pollachi - 642 002.

M. B. Kumar  
EXTERNAL EXAMINER  
மேற்கணிப்பாளர், தமிழ்நாடு  
பேரறிஞர் அறிவிக்கப்பட்ட  
பேரறிஞர் அறிவிக்கப்பட்ட  
பேரறிஞர் அறிவிக்கப்பட்ட





### SCHOOL VISIT - 01

NAME OF THE SCHOOL : Nilip Government girls higher secondary school.

LOCATED AT : Pollachi

NAME OF THE HEADMASTER: <sup>MR.</sup> K. V. JIYA B.A., M. Phil, M. Ed

#### SCHOOL INTRODUCTION / HISTORY :

Nilip Government girls higher secondary school, devanurpudur it briefly explained about the Nachimuthu koundes palanigammal Government girls higher secondary school. This school established in 1960. This school runned 60 years. There are fifteen of these school training teachers worked. 275 students attend regular school. This school is all about facilities will be provided.

#### VENTILATION :

Each class has one door and more than two ~~are~~ four windows for proper air circulation. The campus surrounded by trees. So the students



get freely and easily the fresh and natural air.

### SANITATION:

The school is very clean and neat. The early morning the students regularly cleaning the ground and classroom. It is like a green and wonderful clean campus.

### PLAYGROUND FACILITY:

From VI std to VII std students have physical education to enrich the sports skills. The school has two ground front and back to the ground. There are trees in the ground. It is very neat and clean. Because of games, students with the competition with other schools. The school playground also be used by the local people for their healthy exercise. The P.T teachers has trained students to enrich the students skill. Special equipments also available here.

### ASSEMBLY:

In this school assembly started at morning 9.10 AM and followed by 20 minutes. This assembly takes place every day. First students used to say the Tamil Thirukkural and say proverb and say Tamil and English news and say Did you know, and say







### DRINKING WATER FACILITIES;

The school has pure drinking water facilities. The drinking water can be provided by the Devanur Pudur water supply for school. For other use water will get from the borewell in the school. The waste water will be used for the gardening and watering the trees.





J. Bala Krithika

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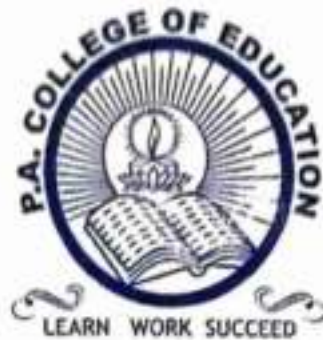
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College Code : 10333



CCE RECORD

Name of the Candidate : ..... J. Bala Krithika .....

Register No. : ..... 1033318BD006 .....

Level I : ..... Pedagogy of Mathematics .....

Level II : ..... Pedagogy of Computer Science .....

J. Bala Krithika  
STUDENT TEACHER

M. Packiaraj  
INTERNAL EXAMINER  
**M. PACKIARAJ, M.A., M.Ed.**  
Assistant Professor in History E.  
P. A. College of Education,  
POLLACHI - 642 002.

Dr. M. Senthil Kumar  
PRINCIPAL  
**Dr. M. SENTHILKUMAR, M.Sc., M.Ed., M.Phil., Ph.D.**  
Principal  
P. A. COLLEGE OF EDUCATION  
Pulampatty, Pollachi - 642 002.

EXTERNAL EXAMINER





Formative Assessment For learning	Summative Assessment On learning
Both formal & Informal	formal
Through the plan	At the End of Each term
Diagnostic and Remedial	Reflect Scholastic achievement
Flexible learning	Schedule timing

Scholastic Areas. Tamil, English, Mathematics, Science, Social Science and Health Education come Under Scholastic Areas.

CFA = 40 marks, SA = 60 marks per term

different levels of learning achievement. There will be one SA at the end of each term of the academic year.

### Format of Assessment for Scholastic Areas:

S.No	Terms	Duration	Types of Assessment	Mode of Assessment	Time Frame	Marks
1	Term 1	June to September	FA 1	[.] a & b	June	20+20
			SA 1	Paper Test	September	60
2	Term 2	October to December	FA 2	[.] a] & b	October	20+20
			SA 2	Paper Test	December	60
3	Term 3	January to April	FA 3	[.] a] & b	January	20+20
			SA 3	Paper Test	April	60

### Physical Education:

- It is an Integral part of Scholastic Assessment
- The Students are to be assessed in the Physical Education.

- Physical fitness
- Initiative and Interest

- Proficiency
- Following the rules of the game
- Sportsman.

### Five Points Grading Scale for Physical Education

Grade	Grade Marks	Explanation for Grade
A	5	Excellent (if all the five indicators are exhibited)
B	4	Very Good (if any four indicators are exhibited).
C	3	Good (if any <del>three</del> indicators are exhibited)
D	2	Satisfactory (if any 2 indicators are exhibited)
E	1	To be strengthened (if any one indicator is exhibited)

### Recording Activities and Grade:

a) The activities under FA for each unit to be designed by teacher based on Example and the relevant Subject manuals





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POLLACHI, COIMBATORE- 642 002

## B.Ed. DEGREE COURSE 2018-2020

### LESSON PLAN RECORD LEVEL II

*Certified to be the bonafide record of work done by*

Name : S.DHIVYA  
Reg. No. : 105331880016  
Pedagogy Subject : PEDAGOGY OF ENGLISH

S.Dhivya  
Student Teacher

Dr. M. Senthil Kumar  
Principal

Dr. M. SENTHILKUMAR, M.Sc., B.Ed., M.Phil., Ph.D.  
Principal  
P. A. COLLEGE OF EDUCATION  
Pollampetty, Pollachi - 642 002.

M. Jayapriya  
Internal Examiner  
M. JAYAPRIYA, M.A., M.Ed.  
Assistant Professor  
P. A. College of Education  
POLLACHI - 642 002.

External Examiner

1. \_\_\_\_\_
2. \_\_\_\_\_

Date: 02.03.2020

Place: Pollachi

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 SIGNATURE OF THE ASSISTANT PROFESSOR





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Pollachi, Coimbatore - 642 002.

## STUDENT TEACHING PROFILE

Student Teacher : S. Dhivya Date : 7.8.19  
 Cooperating School : MUNICIPAL BOYS HIGHER SECONDARY SCHOOL Standard : ix  
 Observer : S. BALAKRISHNAN M.A. MED Period : iv  
 Subject / Topic : OLD MAN RIVER

Aspects and Criteria	Rating Scale	Comments
<b>I LESSON PLAN</b>		
<b>1. Instructional Objectives and learning outcomes</b> (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	10 9 <b>8</b> 7 6 5 4 3 2 1	Good
<b>2. Content</b> (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	10 9 8 <b>7</b> 6 5 4 3 2 1	Better
<b>3. Review Evaluation / Tests / Assignments, etc.</b> (i) Overall coverage (ii) Appropriateness (iii) Accuracy (iv) Brevity	10 <b>9</b> 8 7 6 5 4 3 2 1	Very good

Aspects and Criteria	Rating Scale	Comments
<b>II TEACHING LEARNING SITUATION</b> <b>1. Preparation</b> (i) Relevance (ii) Sufficiency (iii) Interest aroused	10 9 (8) 7 6 5 4 3 2 1	Good
<b>2. Learning Experience</b> (including use of instructional materials) (i) Productivity (ii) Organization (iii) Student participation (iv) Systematic B.B. work	10 9 (8) 7 6 5 4 3 2 1	Good
<b>3. Techniques</b> (i) Effectiveness (ii) Relevance (iii) Originality	10 9 8 (7) 6 5 4 3 2 1	Better
<b>4. Development of Lesson</b> (i) Sustained pupil interest and continued pupil participation (ii) Attainment of objectives (iii) Accuracy of content (iv) Sequential and logical (v) Budgeting of time	10 9 (8) 7 6 5 4 3 2 1	Good
<b>5. Review and Evaluation</b> (i) Structuring (ii) Meeting individual differences (iii) Effectiveness	10 (9) 8 7 6 5 4 3 2 1	Very good
<b>III. TEACHER</b> <b>1. Appearance, Manners, Movement and Communication</b> (i) Neat (ii) Pleasant (iii) Controlled (iv) Expression (v) Language (vi) Speech and voice	10 9 (8) 7 6 5 4 3 2 1	Good
<b>2. Social Climate</b> (i) Interaction (ii) Sympathy (iii) Enthusiasm (iv) Effective dealing of situation	10 9 (8) 7 6 5 4 3 2 1	Good
<b>Additional Comments</b>		
		Signature of Observer 

## LESSON PLAN-01

NAME OF THE STUDENT TEACHER: S. Dhivya

NAME OF THE GUIDE TEACHER : MRS. Balakrishnan, H.A, M. Ed

NAME OF THE SCHOOL : Municipal Boys hr. sec. school, Pollachi

CLASS : 9<sup>th</sup> std

SUBJECT : English

UNIT : III

TOPIC : Old Man river [Ariana]

DATE : 7.08.19

DURATION: 45 minutes

NUMBER OF STUDENTS : 34 students



## Specific Instructional objectives:-

- \* Introduce the topic by asking previous knowledge questions.
- \* Gets clear view about the characters of the story
- \* Gives the model reading to the students.
- \* Explains about the story
- \* Grasps the new words.
- \* Gives Loud Reading to the students.
- \* Gives the summaries of the story.

## Teaching Aids:-

Decorative card  $\Rightarrow$  It contains the topic of the story.

chart  $\Rightarrow$  It contains the information about the author.

Flow chart  $\Rightarrow$  It contains the characters of the story.

## Previous Knowledge:-

- \* Do you know about natural disasters?
- \* What are the natural disasters in the world?
- \* Do you know about story?
- \* Are you like rainy season?
- \* Why do you like rainy season?

Content	specific objectives	learning experience	Evaluation
<p>Teacher introduces the title of the drama 'Old Man River'</p> <p>Teacher gets clear view of the author Dorothy Deming (1893-1972) She was born on June 8 1893 in New Haven - Piedmont.</p> <p>Teacher gives clear view of the characters</p>	<p>Introduces</p> <p>Explains</p>	<p>Teacher shows the decorative card.</p> <div data-bbox="1120 518 1680 1029" style="border: 2px solid black; background-color: #ff69b4; padding: 10px; text-align: center;"> <p>Old Man RIVER</p> </div> <p>Students are listening carefully.</p> <p>Teacher shows the chart</p>	<p>Answers the following:</p> <ol style="list-style-type: none"> <li>1. what is the title of drama?</li> <li>2. The radio announced that _____.</li> <li>3. The Burrett Dam gave away as _____.</li> <li>4. There was no power because _____.</li> </ol>



1. Amy Marshall, 2. Betty Marshall, 3. Rose Field, 4. Sara Field, 5. Jim Hall, 6. Mr. Peters, 7. Penny Marsh.

Amy, Betty and Rose are sitting around the living room table. Amy and Rose are knitting. The stage is not very bright.

Gets clear view about the characters

Explains

about the author.  
Students taking notes about the author.  
Teacher shows flow chart.

## CHARACTERS

Students ~~are~~ listening actively

5. The stage is not very ———.

6. What were the girls doing in the living room?

7. Why was the mother not able to come home?

Assignment :-

1. collect the information about the natural disaster?
2. write about the duties of Redcross Disaster Committee?



Signature of the  
Guide teacher



Signature of the  
Assistant Professor

S. Dhivya  
Name of the  
student teacher

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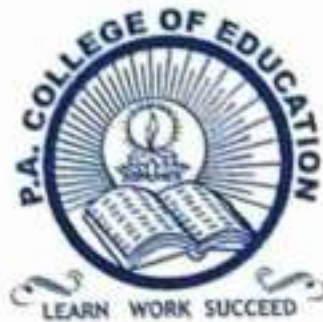
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College Code : 10333



## Demonstration Record Level - I

Name of the Candidate : ..... GIOMATHI.V .....

Register No. : ..... 1033319BD022 .....

Level I : ..... PEDAGOGY OF ENGLISH .....

Level II : ..... PEDAGOGY OF ENGLISH .....

*V. Arthi*

STUDENT TEACHER

*[Signature]*

INTERNAL EXAMINER

M. JAYAPRAKASH, M.A., M.L.A., M.Ed.,  
Assistant Professor, Tamilnadu Teachers Education  
P. A. College of Education  
POLLACHI - 642 002.

*[Signature]*

DR. M. SETHILAKSHMI, M.Sc., M.Ed., M.Phil., Ph.D.  
Principal

P. A. COLLEGE OF EDUCATION

Pollachetty, Pollachi - 642 002.

EXTERNAL EXAMINER





DEMONSTRATION FORM - I

NAME OF THE GUIDE TEACHER : Mr. M. JAYAPRAKASH., M.A., M.Ed.,

NAME OF THE STUDENT TEACHER : GIOMATHI .V

CLASS : STANDARD EIGHT

SUBJECT : ENGLISH

Topic : CROSSING THE RIVER

DURATION : 45 MINUTES

DATE :

## AIM OF THE LESSON :

The main aim of the lesson is to demonstrate the miracle of faith to the students. It also emphasizes ones complete faith can work beyond the knowledge and scholarship.

## OBJECTIVES OF THE LESSON :

The pupils,

- \* Acquires the knowledge about 'Manoj Das'
- \* Knows the importance of 'Faith and Truth'
- \* Grasps the new words and the meaning
- \* Locates the important facts.

## MOTIVATION :

The Teacher motivated the students by asking the following questions.

- \* Tell me some of the God names.
- \* Do you know who is Lord Vishnu?
- \* Who is a Land Lord?
- \* What do you mean by faith?
- \* Do you know who is pundit?



## INTRODUCTION :

The teacher introduced the topic "CROSSING THE RIVER" and explained the concepts to the students.

## PRESENTATION :

The teacher explained the work of poor milkmaid Mati and her duty to the pundit. Everyday Mati crosses the river to deliver the milk to pundit.

## REINFORCEMENT :

The teacher used verbal reinforcement like Good, very good, keep it up, Excellent, superb, etc., to motivate the students and as well as to appreciate them.

## BLACKBOARD :

The topic was written on the top of the board, then the main characters, New words and some important points are written on the blackboard.

## INTERACTION :

There was a healthy interaction between the student and the teacher regarding the concept and as well as some important questions were asked by the teacher to students.

## HANDLING OF TEACHING AIDS :

The teacher used Decorative card, a drawing chart and flash card as the teaching aids to explain the concept to the students.

## RECAPTULATION :

The teacher recalled the main concepts and presented a short summary to the students.

## ASSIGNMENTS :

The following assignments was given to the students.

- \* Written ten sentences about 'Truth' and 'Faith'.
- \* Write a paragraph of your own about Milkmaid 'Moti'.

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Website: www.pacollege.com Email: pacoleduc@rediffmail.com

College Code: 10111



Community Based Program / Skill Development Record

Name of the Candidate : CHIRUTHI V  
Register No. : 10337196D022  
Level I : FEDERACY OF ENGLISH  
Level II : FEDERACY OF ENGLISH

*V. R. 24*  
STUDENT TEACHER

*Maya*  
INTERNAL EXAMINER  
M. JAYAPRINAYAN, M.A., M.L.S., M.Ed.  
Assistant Professor in Education  
P. A. College  
INDIA LACON - 521 102

*[Signature]*  
EXTERNAL EXAMINER  
P. A. COLLEGE OF EDUCATION  
INDIA LACON - 521 102

EXTERNAL EXAMINER





RED RIBBON CLUB

COLLEGE : P.A. college of Education

BATCH : B.Ed II year (2019-2021)

DATE : 02.12.2019

TIME : 2-00 - 3-00

PLACE : Seminar Hall

WORK : HIV / AIDS Awareness life skills  
orientation programme.

## INTRODUCTION:

Red Ribbon club (RRC) programme is a voluntary on campus intervention aimed at heightening the risk perception and preventing HIV among youth. Red Ribbon club have become a powerful medium to reach out to young people. Speech by the Tamilnadu state AIDS control society (TNSASC), this programme is supported by the higher education. RRC empowers students in the age group of 17-25 by giving them information and life skills to protect themselves from HIV/AIDS and changing the most active among them into peer education.

## OBJECTIVES:

- \* TO reduce HIV infection among youth by raising their risk perception through behaviour change communication.



\* TO Induce among youth the spirit is help and support people living with HIV/AIDS. thereby reduces stigma and disorimination against PLHIVS.

ACTIVITIES :

\* Red Ribbon club programme with the objective of beinging about behaviour change in youngminds employs various strate gies like,

\* Importing celebrating life to 10hrs curriculum to the RRC volunteers and programme, officers by trained resource persons.

\* Interactions with positive people transgenders injection, drug users and ICTC counsders.

LIFE SKILL EDUCATION PROGRAMME :

\* Life skills are abilities for adaptive should have the flexibility to adjust according to situation. For positive behaviour a person needs to have thinking and look at.


ACTIVITIES:

\* Life skill education programme with the objective of bringing awareness in adolescent minds employs various strategies like.

\* Life skill education a sixteen hours session to the students through trained teachers in the school.

\* School / Block / District level competitions to the students.

\* HIV/AIDS awareness meeting well conducted by our programme organisers in seminar hall about the discussion of HIV and AIDS also 10 core of life.





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Website : www.paeducations.org Email : paeducation@rediffmail.com

College Code : 10333



## CCE RECORD

Name of the Candidate : ..... BLESSINA.B .....

Register No. : ..... 1033319BDD07 .....

Level I : ..... PEDAGOGY OF ENGLISH .....

Level II : ..... PEDAGOGY OF ENGLISH .....

Blessina.B  
STUDENT TEACHER

M. J.  
INTERNAL EXAMINER

M. JAYAPRAKASH, B.ED., M.A., M.Ed.,  
Assistant Professor in English Education  
P. A. College of Education  
POLLACHI - 642 002.

M. S.  
PRINCIPAL  
Dr. M. SENTHILKUMAR M.S., M.Sc., M.A., M.Ed.

P. A. COLLEGE OF EDUCATION  
Pollampatty, Pollachi - 642 002.

EXTERNAL EXAMINER



## CONTENTS

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# CCE RECORD

## Format of Assessment For Scholastic Areas:

No	Team	Duration	Types of Assessment	Mode of Assessment	Time Frame	Marks
1	Team 1	June to September	FA1	EJA & b	June - September	20+20
			SA1	Paper pen test	September	60
2	Team 2	October to December	FA2	EJA & b	October - December	20+20
			SA2	Paper pen test	December	60
3	Team 3	January to April	FA3	EJA & b	January - April	20+20
			SA3	Paper pen test	April	60

## Physical Education:

\* Physical Education is an integral part of scholastic Assessment.

\* The students are to be assessed in Physical Education based on following indicators:

- \* Physical Fitness
- \* Initiative and Interest
- \* Proficiency
- \* Following the rules of the game.
- \* Sports man.



The criteria for recording the performance in the activities are given in the Table I :-

Mark	Criteria
10	If all the Five descriptive indicators are exhibited
8-9	If any four descriptive indicators are exhibited
6-7	If any three descriptive indicators are exhibited.
5	If any 10 x 2 descriptive indicators are exhibited.

### B. Teacher Assessment Record :-

Teacher should record by marks awarded for the activities completed by the students in the Teacher Assessment Record.

Table-II

### Descriptive Indicators For Scholastic Activities Formative Assessment-FA(a)

#### Singing

It would be important to facilitate joyful singing rather than focusing on "talent" as holding a tune song is also a valuable tool when something have memorized.

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Website : [www.paeducations.org](http://www.paeducations.org) Email : [paeducation@rediffmail.com](mailto:paeducation@rediffmail.com)

College Code : 10333



Name of the Candidate : ANU BHARATHI -S

Register No. : 10333 BD 004

Level I : Pedagogy of Mathematics.

Level II : pedaogy of Mathematics.

S. Anu Bathi.  
STUDENT TEACHER

[Signature]  
INTERNAL EXAMINER

[Signature]  
PRINCIPAL

EXTERNAL EXAMINER

[Signature]  
Principal

P. A. COLLEGE OF EDUCATION

Pollachy, Pollachi - 642 002.



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TEST  
MEASUREMENT

RECORD



## DIAGNOSTIC TEST

- 1.) The difference between two successive odd number is  $\overset{\text{Diagnostic Test}}{\text{a.) 1 b.) 2 c.) 3 d.) 0}}$
- 2.) The only even prime number is  
a.) 4 b.) 6 c.) 2 d.) 0
- 3.) Which of the following number is not a prime? a.) 5 b.) 92 c.) 97 d.) 71.
- 4.) The factors of a number are 1, 2, 4, 5, 8, 10, 16, 20, 40 and 80. What is the number?  
a.) 80 b.) 100 c.) 128 d.) 160
- 5.) The prime factorisation of 60 is  $2 \times 3 \times 2 \times 5$ . Any other number with the same prime factorisation as 60 is a.) 30 b.) 120 c.) 90 d.) Impossible.
- 6.) If the number  $6354 \times 97$  is divisible by 9 then value  $x$  is a.) 2 b.) 4 c.) 6 d.) 7
- 7.) The number 87843 is divisible by  
a.) 20 only b.) 30 only c.) 11 only d.) all of the above
- 8.) Which of the following pairs is co-prime?  
a.) 51, 63 b.) 52, 91 c.) 96, 96 d.) 99, 36.



# ACHIEVEMENT TEST DESIGN OF QUESTION PAPER

## WEIGHTAGE TO OBJECTIVES:

We should give importance to the objectives while teaching questions. The objectives are Knowledge, understanding, Application and Skill.

S.NO	OBJECTIVES	MARKS	% OF MARK
01.	Knowledge	12	24%
02.	understanding.	9	18%
03.	Application.	12	24%
04.	Skill.	17	34%

## WEIGHTAGE TO CONTENT:

We give importance to the subject which has been taken in the class.

S. NO	CONTENT	MARK	% OF MARK
01	Number	19	38%
02	Measurements	26	52%
03	Geometry	05	10%

## WEIGHTAGE OF THE QUESTION:

S.NO	QUESTION TYPE	MARK	% OF MARKS
01	Objectives .	20	40%.
02	SHORT answers	10	20%.
03	Essay Type	20	40%.
	Total	50	100%.

# BLUE PRINT ACHIEVEMENT TEST

class:  
Subject:

Time:  
Marks:

S. NO	OBJECTIVES/CONTENTS	KNOWLEDGE			UNDERSTANDING			APPLICATION			SKILL			TOTAL
		O	SA	E	O	SA	E	O	SA	E	O	SA	E	
1.	Number	2(1)	1(2)	1(5)	2(1)	1(2)		2(1)	1(2)	1(5)	2(1)	1(2)		19
2.	Measurements	3(1)		1(5)	3(1)	1(2)	1(5)	3(1)	1(2)		3(1)	1(2)	2(5)	26
3.	Geometry						1(5)							5
		5	2	5	5	4		5	2	5	5	2	10	50
		12			9			12			17			

O- Objectives

SA- Short Answer

E- Essay



Class Interval	Tally Mark	Frequency
		3
30-40		4
40-50		4
50-60		4
60-70		3
70-80		2
80-90		4
90-100		4

Measures of variable tendency are range, standard deviation and Quadratic Deviation.

The difference between the highest and lowest value of an ungrouped data.

$$\text{Range} = \text{Maximum value} - \text{Minimum value}$$

## Rank Correlation

When two sets of scores are obtained the relationship between these pairs are substituted as a measure of reality of variability of the test concerned. The Co-efficient of the test concerned correlation is a number that tell us to what extent variable in one get with correlation in another.

$$r = 1 - \frac{6 \sum d^2}{N(N^2 - 1)}$$

$r$  = Correlation Co-efficient

$d$  = difference between the marks.

$N$  = Number of the strength of student

If,

SNO	NAMES	J <sub>1</sub>	R <sub>1</sub>	J <sub>2</sub>	R <sub>2</sub>	d = R <sub>1</sub> - R <sub>2</sub>	d <sup>2</sup>
01.	A. Anushya	84	8	88	6	2	4
02.	Anusree	54	17	60	17	-2	4
03.	K. Boopana	42	26	46	26	0	0
04.	R. Dhanushya	98	3	94	2	1	1
05.	M. Dhurka Devi	98	3	90	5	-2	4
06.	V. Gokula	50	19	68	15	4	16
07.	K. Harini	88	6.5	85	7.5	-1	1
08.	S. Harini	60	14	76	12	2	4
09.	S. Janani	68	12.5	70	14	-1.5	2.25
10.	A. Jeevitha	42	20	42	28	-2	4
11.	S. Kalshnaveni	94	5	92	3.5	1.5	2.25
12.	K. Mohanapriya	70	11	72	13	-2	4
13.	M. Nathiya	88	6.5	86	7.5	1.5	1
14.	S. Oviya	60	13.5	58	20.5	-2	4
15.	S. Priya Dharshini	82	9	84	9	-1	1
16.	R. Pooja	100	1	98	1	2	4



S.NO	NAMES	$J_1$	$R_1$	$J_2$	$R_2$	$d = R_1 - R_2$	$d^2$
17.	M. Ranuya	40	27.5	48	25	2.5	6.25
18.	R. Sandhiya Dewi	76	10	78	10.5	2	4
19.	V. Sravangini	98	3	92	3.5	-0.5	0.25
20.	Sai Akashini	42	26	52	23	3	9
21.	R. Subashini	62	12.5	78	10.5	2	4
22.	N. Akash	54	17	67	46	1	1
23.	A. Ajay	40	27.5	50	24	3.5	12.25
24.	S. Balakrishnan	56	15	62	18	-3	9
25.	S. Gokul.	46	21.5	58	20.5	1	1

$$P = 1 - \frac{6 \sum d^2}{N(N^2 - 1)} ; \sum d^2 = 2 + 3 ; N = 50$$

$$P = 1 - \frac{6(223)}{30(30^2 - 1)}$$

$$= 1 - \frac{1338}{26970}$$

$$= 1 - 0.049$$

$$P = 0.951 \text{ Positively Correlation}$$



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POLLACHI, COIMBATORE- 642 002

## B.Ed. DEGREE COURSE 2021-2022

### LESSON PLAN

*Certified to be the bonafide record of work done by*

Name : S. SUGANYA  
Reg. No. : 1033320BD091  
Pedagogy Subject : PEDAGOGY OF COMPUTER SCIENCE

Suganya  
Student Teacher

M. Senitharan  
Principal  
Dr. M. SENITHARAN, M.Sc., M.Ed., B.A., Ph.D.  
Principal  
P. A. COLLEGE OF EDUCATION  
Pollacherry, Pollachi - 642 002.

T. P. Subbha  
T. P. SUBBHA, M.Sc., M.Ed.,  
Internal Examiner  
Asst. Professor of Computer Science Education  
P. A. College of Education  
POLLACHI - 642 002.

Date: 30.03.2022

Place: POLLACHI

External Examiner

1. G. S. Srinivasan  
M. V. SRI SRIKRISHNAN, M.A., M.Ed.,  
ASSISTANT PROFESSOR,  
P. A. COLLEGE OF EDUCATION,  
UDUMBIAM - 621 116,  
TAMIL NADU.

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SIGNATURE OF THE ASSISTANT PROFESSOR



# P. A. COLLEGE OF EDUCATION

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Pollachi, Coimbatore - 642 002.

## STUDENT TEACHING PROFILE

Student Teacher : SUGANYA . S Date : 10-11-2021  
Cooperating School : MARIAMMAL GIT. HY. SEC SCHOOL Standard : XI  
Observer : MRS V. GOWRI SHANKARI Period : 2  
Subject / Topic : INTRODUCTION TO COMPUTER

Aspects and Criteria	Rating Scale	Comments
<b>I LESSON PLAN</b> 1. Instructional Objectives and learning outcomes (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	10 (9) 8 7 6 5 4 3 2 1	Good
2. Content (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	(10) 9 8 7 6 5 4 3 2 1	V. Good
3. Review Evaluation / Tests / Assignments, etc. (i) Overall coverage (ii) Appropriateness (iii) Accuracy (iv) Brevity	10 9 (8) 7 6 5 4 3 2 1	Good

Name of the student teacher : Jyotsna d

Name of the Guide Teacher : Mrs. B. Suresh Kantani MSc., B.Ed.

Name of the school : Manjamma Gov. H.S. Sec. School

Subject : Computer Science

Class : XI - B1

Topic : Introduction to computers

Date : 10-11-2021

Duration : 45 mins

Class strength : 28



## Instructional Objectives

To The pupil

Knows about computers

Lists out the generation of computers

Explains sixth generation computing

Defines Data and Information

Elaborates components of a computer

Demonstrate Input unit

Explains central processing unit

Acquires knowledge about Arithmetic and Logic unit.

## Teaching aids :

Chart

OHP sheet

Real model

Flow chart

## Previous knowledge :

1) What is computer?

computer is an electronic device.

2) Who is father of computer?

Charles Babbage.

3) What are the devices of computer?

Keyboard, Monitor, CPU, Mouse

Good. Today we are going to see about the computer, generation of computers, basic operations.





### Recapitulation :


Today's class we have seen about the

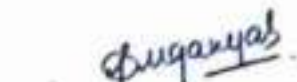
- \* Computer and its Generations
- \* Data and information
- \* Components of a computer

### Assignment :

- 1) Write the assignment about the generation of computers?
- 2) Write the assignment about the components of a computer?

  
Signature of the  
Assistant Professor

  
Signature of the  
Guide Teacher

  
Signature of the  
Student Teacher

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## B.Ed. Degree Course 2021-2022



### Test and Measurement Record Level - II

Name of the Student Teacher : DHARANI DHARAN. G

Register No : 1033320BD017

Pedagogy Subject : MATHEMATICS

*G. Dharam*

Signature of the Student Teacher

*M. Packiaraj*

Signature of the Internal Examiner  
**M. PACKIARAJ, M.A.**

Assistant Professor in History

P. A. College of Education,

POLLACHI, 642 002.

*M. Arunigami*

Signature of the Principal

Principal

P. A. COLLEGE OF EDUCATION

Pollachy, Pollachi - 642 002.

*M. Arunigami*

Signature of the External Examiner

Dr. M. ARUNIGAMI, M.A., M.Ed., Ph.D.

Assistant Professor in Education History

GOVT. COLLEGE OF EDUCATION

KATPADI-VELLORE - 632 006.

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TEST AND  
MEASUREMENT  
RECORD - II



## ACHIEVEMENT TEST

Class: 9  
Marks: 50

Subject: Mathematics  
Time: 1:30 hrs

**1. Choose the correct answer**

- 1 × 20 = 20**
1. If  $\sin 30^\circ = x$  and  $\cos 60^\circ = y$ , then  $x^2 + y^2$  is \_\_\_\_\_.  
 (a)  $\frac{1}{2}$                       (b) 0                      (c)  $\sin 90^\circ$                       (d)  $\cos 90^\circ$
  2. The value of  $\tan 72^\circ \tan 18^\circ$  is \_\_\_\_\_.  
 (a) 0                      (b) 1                      (c)  $18^\circ$                       (d)  $72^\circ$
  3. If  $2 \sin \theta = \sqrt{3}$ , then the value of  $\theta$  is \_\_\_\_\_.  
 (a)  $90^\circ$                       (b)  $30^\circ$                       (c)  $45^\circ$                       (d)  $60^\circ$
  4. Given that  $\sin \alpha = \frac{1}{2}$  and  $\cos \beta = \frac{1}{2}$ , then the value of  $\alpha + \beta$  is \_\_\_\_\_.  
 (a)  $0^\circ$                       (b)  $90^\circ$                       (c)  $30^\circ$                       (d)  $60^\circ$
  5. The value of  $\tan 1^\circ \tan 2^\circ \tan 3^\circ \dots \tan 87^\circ \tan 88^\circ \tan 89^\circ$  is \_\_\_\_\_.  
 (a) 0                      (b) 1                      (c) 2                      (d) 3
  6.  $\sin (90^\circ - \theta) =$  \_\_\_\_\_.  
 (a)  $\cos 90^\circ$                       (b)  $\cos \theta$                       (c)  $\sin \theta$                       (d)  $\sin 90^\circ$
  7.  $\tan \theta \times \cot \theta =$  \_\_\_\_\_.  
 (a) -1                      (b) 0                      (c) 1                      (d) 2
  8.  $\operatorname{cosec} 90^\circ =$  \_\_\_\_\_.  
 (a) Not defined                      (b) 0                      (c) 1                      (d) 2
  9.  $1^\circ =$  \_\_\_\_\_.  
 (a)  $60'$                       (b)  $6'$                       (c)  $600'$                       (d)  $0'$
  10. The value of  $3 \sin 70^\circ \sec 20^\circ + 2 \sin 49^\circ \sec 51^\circ$  is \_\_\_\_\_.  
 (a) 6                      (b) 5                      (c) 3                      (d) 2
  11. Convert in terms of secant,  $\operatorname{cosec} 39^\circ =$  \_\_\_\_\_.  
 (a)  $\sec 39^\circ$                       (b)  $\sec 29^\circ$                       (c)  $\sec 51^\circ$                       (d)  $\sec 41^\circ$
  12. The total surface area of a cube is \_\_\_\_\_.  
 (a)  $6a^2$                       (b)  $5a^2$                       (c)  $3a^2$                       (d)  $4a^2$
  13. The lateral surface area of a cube of side 12 cm is \_\_\_\_\_.  
 (a)  $144 \text{ cm}^2$                       (b)  $196 \text{ cm}^2$                       (c)  $576 \text{ cm}^2$                       (d)  $664 \text{ cm}^2$
  14. If the lateral surface area of a cube is  $600 \text{ cm}^2$ , then the total surface area is \_\_\_\_\_.  
 (a)  $150 \text{ cm}^2$                       (b)  $400 \text{ cm}^2$                       (c)  $900 \text{ cm}^2$                       (d)  $1350 \text{ cm}^2$



15. The total surface area of a cuboid with dimension  $10\text{ cm} \times 6\text{ cm} \times 5\text{ cm}$  is \_\_\_\_\_  
 (a)  $280\text{ cm}^2$  (b)  $300\text{ cm}^2$  (c)  $360\text{ cm}^2$  (d)  $600\text{ cm}^2$
16. If the ratio of the sides of two cubes are 2:3, then ratio of their surface areas will be \_\_\_\_\_  
 (a) 4:6 (b) 4:9 (c) 6:9 (d) 16:36
17. The volume of cuboid is  $660\text{ cm}^3$  and the area of the base is  $33\text{ cm}^2$ . Its height is \_\_\_\_\_  
 (a) 10 cm (b) 12 cm (c) 20 cm (d) 22 cm
18. The capacity of a water tank of dimensions  $10\text{ m} \times 5\text{ m} \times 1.5\text{ m}$  is \_\_\_\_\_  
 (a) 75 litres (b) 750 litres (c) 7500 litres (d) 75000 litres
19. The number of bricks each measuring  $50\text{ cm} \times 30\text{ cm} \times 20\text{ cm}$  that will be required to build a wall whose dimensions are  $5\text{ m} \times 3\text{ m} \times 2\text{ m}$  is \_\_\_\_\_  
 (a) 1000 (b) 2000 (c) 3000 (d) 5000
20. A cubical tank can hold 64,000 litres of water. Then the length of its side in meters is \_\_\_\_\_  
 (a) 4m (b) 2m (c) 3m (d) 5m

**II. Answer any five of the following**

$5 \times 2 = 10$

- Find the value of  $8 \sin 2x \cos 4x \sin 6x$ , when  $x = 15^\circ$ .
- Express (i)  $\sin 74^\circ$  in terms of cosine (ii)  $\tan 12^\circ$  in terms of cotangent.
- Find the angle made by a ladder of length 5m with the ground, if one of its end is 4m away from the wall and the other end is on the wall.
- The dimensions of a fish tank are  $3.8\text{ m} \times 2.5\text{ m} \times 1.6\text{ m}$ . How many litres of water it can hold?
- Find the volume of cube whose side is 10 cm.
- The length, breadth and depth of a pond are 20.5 m, 16 m and 8 m respectively. Find the capacity of pond in litres.
- Verify the equality  $\sin 30^\circ \cos 60^\circ + \cos 30^\circ \sin 60^\circ = \sin 90^\circ$ .

**III. Answer any four of the following**

$4 \times 5 = 20$

- If  $\tan A = \frac{2}{3}$ , then find all the other trigonometric ratios.
- Find the area of the right angled triangle with hypotenuse 5cm and one of the acute angle is  $48^\circ 30'$ .
- The dimensions of a sweet box are  $22\text{ cm} \times 18\text{ cm} \times 10\text{ cm}$ . How many such boxes can be packed in a carton of dimensions  $1\text{ m} \times 88\text{ cm} \times 63\text{ cm}$ ?
- Two identical cubes of side 7 cm are joined end to end. Find the Total and Lateral surface area of the new resulting cuboid.
- The length, breadth and height of a hall are 25 m, 15 m and 5 m respectively. Find the cost of renovating its floor and four walls at the rate of ₹80 per  $\text{m}^2$ .

  
 HEAD MASTER  
 GOVT. HR. SEC. SCHOOL,  
 Udakkannampalayam - 642 207.  
 Tiruppur - Dt.

CLASS : IX - A  
Subject : Mathematics

Marks: 50  
No. of Students: 20

S. No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	Dhavamani . S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20
2	Soubarnika Rajasri . T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20
3	Madhumitha . S	✓	✓	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	✓	17
4	Kavi Elakiya . N	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	X	✓	X	15
5	Kabi Selvan . K	✓	✓	✓	✓	X	✓	✓	X	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	X	X	14
6	Dhamatharan . M	✓	X	✓	X	✓	✓	X	✓	X	✓	✓	X	✓	X	✓	✓	X	✓	X	✓	12
7	Suhita . Y	✓	✓	✓	X	X	X	✓	X	✓	X	✓	✓	X	✓	✓	✓	✓	✓	X	X	12
8	Sabitha . S	✓	X	✓	✓	X	X	✓	X	✓	✓	✓	X	✓	✓	X	✓	✓	X	✓	X	12
9	Vishnu Prasanth . K	✓	✓	✓	X	X	✓	✓	✓	X	✓	X	✓	X	✓	✓	✓	X	✓	✓	X	12
10	Ponmanivasahan . T	✓	✓	X	X	✓	X	✓	X	✓	X	✓	✓	✓	✓	✓	✓	X	X	✓	X	11
11	Gowri . K	X	✓	X	✓	✓	✓	X	✓	X	✓	X	✓	✓	✓	X	✓	✓	X	✓	X	11

12	Santhiya . S	✓	X	✓	✓	✓	✓	X	X	X	X	✓	✓	X	X	✓	X	✓	✓	X	✓	11
13	Sathyaruba . N	✓	X	✓	X	✓	X	✓	X	✓	X	✓	✓	X	✓	✓	✓	✓	✓	X	X	11
14	Vijay Kaleswaran . M	✓	X	✓	X	X	✓	✓	✓	X	X	✓	X	✓	✓	✓	✓	✓	X	X	✓	11
15	Mathan . M	✓	X	✓	X	✓	X	✓	X	✓	X	X	X	✓	X	✓	✓	✓	X	✓	✓	10
16	Thamarai Kannan . K	✓	X	✓	X	✓	X	✓	X	X	X	✓	✓	X	✓	✓	✓	✓	✓	X	X	10
17	Kabilesh . S	✓	X	✓	X	X	X	✓	✓	✓	✓	✓	X	✓	✓	X	✓	✓	X	✓	X	10
18	Mano . R	X	✓	✓	X	✓	✓	✓	X	X	✓	X	X	X	✓	X	✓	✓	X	✓	X	10
19	Navin . T	X	✓	X	✓	X	✓	✓	X	✓	X	X	✓	X	X	✓	X	✓	X	✓	X	8
20	Sanjay . D	✓	✓	X	X	X	X	✓	X	X	X	✓	X	✓	X	X	✓	X	✓	X	✓	7



## Quartile Deviation

\* Quartile Deviation is defined as the half the difference between the third quartile and the first quartile

$$Q.D = \frac{Q_3 - Q_1}{2}$$
$$Q_1 = L + \left[ \frac{\frac{N}{4} - c.f}{f_1} \right] c$$

Where,

L: Lower limit of the median class of the first quartile

$f_1$ : Frequency of the median class of the first quartile

c.f: Cumulative frequency of the median

$$Q_3 = L + \left[ \frac{\frac{3N}{4} - c.f}{f} \right] c$$

Where

$Q_3$ : Third Quartile



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## B.Ed. Degree Course 2021-2022



### Demonstration Record Level - I

Name of the Student Teacher : M. DHANALAKSHMI

Register No : 1033320B.D.11

Pedagogy Subject : MATHEMATICS

*M. Dhanalakshmi*

Signature of the Student Teacher

*[Signature]*  
Signature of the External Examiner

**D. RAJARAJESWARAN, M.A., M.Ed., Ph.D.**

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*[Signature]*  
Signature of the Principal

**Dr. M. SENTHILKUMAR, M.Sc., M.Ed., M.Phil., Ph.D.**

Principal

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Assistant Professor of Education History

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கற்பித்தல் செயல்பாடுகள்

திறனாய்வு - I

ஆசிரியர் பயிற்றுநர் பெயர் : டி.ராஜராஜசீவரி, M.Sc, M.Ed, M.Phil

மாணவ ஆசிரியர் பெயர் : மா.தலைசுமி

வகுப்பு : ஏழாம் வகுப்பு

பாடம் : கணிதம்

பாடத்தொடர் : அளவைகள்

தேதி : 3.9.2021

நேரம் : 45 நிமிடங்கள்



சொற்க்கம் :

சதுரம், செவ்வகம் போன்ற முடிய வழவங்குகளின் பரப்பளவு மற்றும் சுற்றளவு பற்றி நாம் குண்ணீர பார்த்திருக்கிறோம். இந்த உயலில் நாம் மேற்கூறிப்பிட்ட கருத்துகளின் தொடர்ச்சியாக வட்டத்தின் பரப்பளவு மற்றும் சுற்றளவு ஆகியவை பற்றி அறியலாம்

குறிக்கோள்கள் :

- + வட்டத்தின் கருத்துக்களைப் சுற்றளவு மற்றும் பரப்பளவு ஆகிய புரிந்து கொள்ளுதல்.
- \* வட்டத்தின் சுற்றளவைக் கணக்கிடுதல்.
- \* வட்டத்தின் காணல். சுற்றளவைக் காணும் எடுத்துக்காட்டுகளைக்

உளக்குவித்தல் :



இப்படித்தில் உள்ள வழவத்தின் பெயரைக் கூறுங்கள்?

ஆம் அம்மா, அது மிதிவண்டியின் சக்கரம்.  
 ஆம் அந்த சக்கரம் எந்த வழவத்தில் உள்ளது?  
 வட்டவழவில் உள்ளது அம்மா.  
 வட்டத்தின் சுற்றளவு எவ்வாறு காண்பாய்?  
 ரெதியவில்லை அம்மா.  
 இன்று வட்டத்தின் சுற்றளவை அறிதலைக் காணலாம்.

பால அறிமுகம் :

நாம் கிண்ணைய வகுப்பில் வட்டத்தின் சுற்றளவை எவ்வாறு காண்பது என்பது பற்றியும், அதனை விளக்கும் எடுத்துக்காட்டுகளைப் பற்றியும் காண்போம்.

பாடம் வழங்குதல் :

வட்டவடிவமானது நேர்க்காட்டைப் பக்கமாகக் கொண்டிருக்கும் வளைகோட்டைக் கொண்ட அமைந்துள்ளதால் அளவுகோலைப் பயன்படுத்தி அளக்க முடியாது.

ஒரு வட்டவடிவத்தின் ஆரத்தையும்  $r$  ஆக நேர்க்காட்டில் அமையும் நிலைகள் வட்டத்தின் விட்டமாகும் ( $d$ ). இது ஆரத்தின் இருமடங்காகும்  $2r = d$ .

வட்டத்தின் சுற்றளவு :

வட்டத்தின் சுற்றளவு =  $2\pi r$  அலகுகள்

$\therefore \pi \approx 3.14$

வட்டத்தின் சுற்றளவைக் கணக்கிடுதல் :

விட்டம் 6cm உள்ள வட்டவடிவின் சுற்றளவைக் கணக்கிடுக.

கொடுக்கப்பட்டது  $d = 6\text{cm}$ , ஆனால்,  $d = 2r\text{cm} \Rightarrow r = 3\text{cm}$

வட்டத்தின் சுற்றளவு =  $2\pi r$  அலகுகள்

=  $2\pi \times 3$

=  $18.8496 \approx 18.84$

எனவே சுற்றளவு 18.84 cm ஆகும்.

மீள்பார்வை :

ஆசிரியர் வட்டத்தின் சுற்றளவு காணும் முறை பற்றியும்  
அதற்கான எடுத்துக்காட்டுகள் பற்றியும் கீண்டும் ஒரு முறை  
தொகுத்துக் கொடுக்கிறார்.

தொடர்பணி :

1) வெவ்வேறு வட்டங்களின் விட்டங்கள் கீழ்க்  
கொடுக்கப்பட்டுள்ளது. அவற்றின் சுற்றளவைக் காண்க. ( $\pi = \frac{22}{7}$  என்க)

i)  $d = 70 \text{ cm}$

ii)  $d = 56 \text{ cm}$

2) 91 mm ஆரமையுடைய வட்டத்தின் சுற்றளவைக் காண்க.



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## B.Ed. Degree Course 2021-2022



### Community based Engagement / Skill Development Record

Name of the Student Teacher : ..... M. DHANALAKSHMI .....

Register No : ..... 1033320BD011 .....

Pedagogy Subject : ..... MATHEMATICS .....

*M. Dhanalakshmi*  
Signature of the Student Teacher

*P. KARTHIK*  
Signature of the Internal Examiner  
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Pollachi - 642 002

*Dr. M. Senthil Kumar*  
Signature of the Principal  
Dr. M. SENTHIL KUMAR, M.Sc., M.Ed., M.Phil., Ph.D.  
Principal

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*Dr. M. Senthil Kumar*  
Signature of the External Examiner

Dr. M. SENTHIL KUMAR, M.Sc., M.Ed., Ph.D.  
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GOVT. COLLEGE OF EDUCATION  
KATPADI-VELLORE - 632 006.



RRC - HIV / AIDS விழிப்புணர்வு மர்றும்  
வாழ்க்கைகத்திற்ன் நோக்குநிலைத் திடம்

கல்ஷாரியின் பெயர் : P. A. கல்வியியல் கல்ஷாரி  
பிரிவு : B.Ed . 2 - year  
நாள் : 26 . 03 . 2021  
இடம் : கருத்தரங்கம்  
நேரம் : 1.05 - 3.00



முன்னுரை :

RRC எண்பது HIV பற்றிய விழிப்புணர்வு ஊர்படுத்தும் அமைப்பாகும். இவை தமிழ்நாடு எய்ட்ஸ் கட்டுப்பாட்டு வாரிய அமைப்பு மூலம் உருவாக்கப்பட்டது. இவை மாணவர்களுக்கும் குமரப்படுவத்தினருக்கும் பெரும் சக்தி வாய்ந்த அமைப்பாகும். RRC-யின் விழிப்புணர்வு நிகழ்ச்சியினை உயர்நிலை கல்வித்துறை ஆதரிக்கின்றது. இந்த அமைப்பில் 17-25 வயது வரையுள்ள குமரப்படுவத்தினருக்கு வாழ்க்கைத்திறன் கல்வி அளிக்கப்படுகிறது. அதுமட்டுமின்றி HIV பாதுகாப்பு பற்றியும் செயல்முறைப் பற்றியும் பரிந்துரை அளிக்கிறது.

RRC-யின் நோக்கம் :

HIV-யின் விழிப்புணர்வு ஊர்படுத்துதல் அதன் மூலம் மாணவர்களின் வாழ்க்கை முறையைப் பாதுகாத்தல்.

HIV பற்றிய தவறான கருத்துகளை நீக்குதல். மாணவர்கள் அதன் உண்மைத் தன்மையை அறிதல்.

HIV விழிப்புணர்வு மூலம் மாணவர்கள் ஒற்றுமையுணர்வு, தலைமைப்பண்பு, ஒப்பந்த உணர்வு ஆகியவற்றை அறிய முடிகிறது.

இரத்தத்தூண் விழிப்புணர்வை ஊர்படுத்துகிறது.

பிரதானம் :

வாழ்க்கைக்கான சூத்களின் கிராக்கியமான வாழ்க்கைக்கான வாழ உளக்குவித்தல். இதன் மூலம் பிள்ளையான எண்ணங்கள் உறுதியான வாழ்வு, பாதுகாத்துக் கொள்ளும் திறன், சூழ்நிலைகளைச் சமாளிக்கும் திறனைப் பற்றி தெரிந்து கொள்ளுதல்.

வாழ்க்கைத் திறனைப் பற்றிய கல்வியினை கல்விக்கூடத்தில், கல்விமில், கல்யாணிகளில் கல்வியத்துவம் பிபலுதல்.

அனைத்துப் பள்ளிகளிலும் 8, 9 மற்றும் 10 வகுப்பு மாணவர்களுக்கு வாழ்க்கைத் திறன் கல்வியை அளித்தல்.

முடிவுரை :

எங்கள் கல்யாணிகளில் RRC நிகழ்வு 1- கில் நடைபிற்றது. அந்நாளில் HIV விழிப்புணர்வைப் பற்றிய கருத்தரங்கம் மற்றும் வாழ்க்கைத் திறன் கல்வி பற்றிய கலந்தாய்வு நடைபிற்றது. திந்திகழ்வு மாணவ ஆசிரியர்களுக்கு மிகவும் பயனுள்ளதாகவும் அனைப் பற்றிய விழிப்புணர்வை அறிந்து கொள்ள வழிவகுத்தது.

*(Handwritten Signature)*  
P KARTHICK, M.A, M.Ed  
Asst. Professor in Tamil Education,  
P.A. College of Education,  
Pollachi - 642 002







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D  
SIGNATURE OF THE ASSISTANT PROFESSOR

### INTRODUCTION:

A lesson plan is a Teacher detailed description of the course of instruction or "learning projectory" for a lesson. A daily lesson plan is developed by teacher to guideless learning. details will vary depending on the preference of the teacher's subject being covered. There may be requirements mandated by the school system regarding the plan.

A lesson plan is the teacher's guide for running a particular lesson and it includes the goal, how the goal is reached and a way of measuring how the goal is reached.



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Pollachi, Coimbatore - 642 002.

## STUDENT TEACHING PROFILE

3

Date : 9/8/22

Student Teacher : SUDHAMATHI.D

Standard : IX<sup>th</sup> - STANDARD - "A"

Cooperating School : MUNICIPAL BOYS HR. SEC. SCHOOL POLLACHI


Period : I

Observer : J. INBAJAYANTHI M.Sc., M.Phil., M.Ed.

Subject / Topic : NUMBER LINE

Aspects and Criteria	Rating Scale	Comments
<b>1 LESSON PLAN</b> 1. Instructional Objectives and learning outcomes (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	10 9 (8) 7 6 5 4 3 2 1	V. Good
<b>2. Content</b> (i) Appropriateness (ii) Attainability (iii) Adequacy (iv) Clarity	10 (9) 8 7 6 5 4 3 2 1	V. Good
<b>3. Review Evaluation / Tests / Assignments, etc.</b> (i) Overall coverage (ii) Appropriateness (iii) Accuracy (iv) Brevity	10 (9) 8 7 6 5 4 3 2 1	V. Good



Aspects and Criteria	Rating Scale	Comments
<b>II TEACHING LEARNING SITUATION</b>		
<b>1. Preparation</b> (i) Relevance (ii) Sufficiency (iii) Interest aroused	10 9 <b>8</b> 7 6 5 4 3 2 1	V. Good
<b>2. Learning Experience</b> (including use of instructional materials) (i) Productivity (ii) Organization (iii) Student participation (iv) Systematic B.B. work	10 <b>9</b> 8 7 6 5 4 3 2 1	V. Good
<b>3. Techniques</b> (i) Effectiveness (ii) Relevance (iii) Originality	10 9 <b>8</b> 7 6 5 4 3 2 1	V. Good
<b>4. Development of Lesson</b> (i) Sustained pupil interest and continued pupil participation (ii) Attainment of objectives (iii) Accuracy of content (iv) Sequential and logical (v) Budgeting of time	10 9 <b>8</b> 7 6 5 4 3 2 1	V. Good
<b>5. Review and Evaluation</b> (i) Structuring (ii) Meeting individual differences (iii) Effectiveness	10 <b>9</b> 8 7 6 5 4 3 2 1	V. Good
<b>III. TEACHER</b>		
<b>1. Appearance, Manners, Movement and Communication</b> (i) Neat (ii) Pleasant (iii) Controlled (iv) Expression (v) Language (vi) Speech and voice	10 <b>9</b> 8 7 6 5 4 3 2 1	V. Good
<b>2. Social Climate</b> (i) Interaction (ii) Sympathy (iii) Enthusiasm (iv) Effective dealing of situation	10 9 <b>8</b> 7 6 5 4 3 2 1	V. Good
<b>Additional Comments</b>		
 Signature of Observer		

Name of the Student Teacher : SUDHAMATHI.D

Name of the Guide Teacher : J. INBAJAYANTHI M.SC. M.PHIL. M.Ed.

Name of the School : MUNICIPAL BOYS HR. SEC. SCHOOL POLLACHI

Class : IX<sup>th</sup> STANDARD - A

Subject : MATHEMATICS

Topic : NUMBER LINE

Date : 9/8/22

Duration : 45 minutes

Period : I

No. of Students : 20

Instructional objectives:To the pupil:

- \* Recall about number system
- \* Explain about real numbers
- \* classifies the division of real numbers
- \* Describe the real number line
- \* Solve the problem on number line
- \* Findout the sum of number line upto 4 decimal places

Teaching aids:

- Written chart - Real numbers
- Booklet - Number system
- Table top - It show the number line.

Previous knowledge:

- \* If a rational number  $\frac{p}{q}$  then  $q \neq 0$
- \* The decimal expansion of  $\sqrt{2}$   
 $\sqrt{2} = 1.414$

Today we are going to see about the 'Number line'

Content	Specific objectives	Teaching / Learning Experiences	Evaluation
<p><u>Number System</u></p> <p>Natural numbers are <math>N = \{1, 2, 3, \dots\}</math>                      Whole numbers are <math>W = \{0, 1, 2, 3, \dots\}</math>                      Integers are <math>Z = \{-3, -2, -1, 0, 1, 2, 3, \dots\}</math>                      Rational number = <math>\frac{p}{q}</math>, <math>\frac{r}{s}</math> which is in the form</p> <p><u>Real numbers:-</u>                      The real number consist of all rational number and all irrational numbers. Real numbers can be thought of as points on an infinitely long number line called real line where points corresponding to Integers are evenly spaced</p>	<p>Recall</p> <p>Explain</p>	<p>Teacher recast about number system</p> <p>Students understand about this topic</p> <p>Teacher explain about Real numbers</p> <p>Students are listening and taking notes</p>	<p>Natural numbers are _____</p> <p>consist of all rational number and all irrational number</p>

<p><u>Real numbers</u></p> <pre>                     graph TD                         RN[Real numbers] --&gt; R[Rational numbers]                         RN --&gt; IR[Irrational numbers]                         R --&gt; T[Terminating]                         R --&gt; NTR[Non-terminating and Repeating]                         IR --&gt; NTRN[Non-terminating and non-repeating]                     </pre>	<p>classifies</p>	<p>Teacher classifies the division of real numbers</p> <p>Students know about Real numbers.</p>	<p>Non-terminating and non-repeating consider _____</p>
<p><u>Real number line</u></p> <p>Visualisation through successive magnification we can visualise the representation of numbers on number line as follows -</p>	<p>Describe</p>	<p>Teacher describes about real number line</p> <p>Students were listening.</p>	<p>_____ consist of all rational number and all irrational numbers</p>



## Recapitulation:-


In Today's class we were discussed about

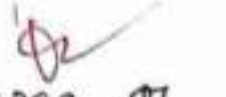
- \* Real numbers of classification
- \* Real number line
- \* the Notions based on number line

## Assignment:-

Represent  $5.868$  on number line

Represent  $3\sqrt{5}$  on number line upto 4 decimal places

  
Signature of  
Guide teacher

  
Signature of  
Assistant Professor

D. S. f.  
Name of the  
Student teacher.

**ICT**

**RECORD**

S. NO	DATE	CONTENT	PAGE NO	INITIALS
1		പ്രവേശനം	1	
2	13.09.2018	POWERPOINT PRESENTATION	5	
3	2.10.2018	EDUCATIONAL BLOG	9	
4	11.11.2018	PHOTO DOCUMENTARY	13	
5	05.12.2018	MS - WORD	17	
6	09.01.2019	MS - EXCEL	23	
7		അവസാനം	29	

T. Peter



முன்னுரை :

\* தேனாயிரம் தகவல்களை குறைமாக சேகரித்து  
குடிநீர் புகழ். பாடிதாழ்வு தேனாயிரம் போடி அன்ற  
வினாவுகளும், நேரத்தியாகவும் அடிநீர் உதவியும் மின்னியல்  
உருகங்கள் மந்தி அறிவுதே தகவல் தொடர்பு மூலகியல்  
என்பதும்.

\* பதிவு செயலியை தகவல்களை மீண்டும் சரிபார்த்து  
திருத்தும் சேனாயிரம் கருவிகள் திருத்தும் செயி  
குறைமாக புது உபகரணம் செயி தகவல் தொடர்பு மூலம்  
சுந்தர விடி செயிக்கு.

\* தகவல்களை அளிதாந மின்னியல் சாரி மூலமே  
தகவல் தொடர்பு மூலம் ஆகும்.

\* காட்சி அளவிக் கருவிகள் சூலி, சூலி பதிவுக் கருவிகள்.  
மென்மயான தொடர்புகள் சூலி அன்ற கருவிக் குறைமாக  
திருத்தியும் தகவல் பரிமாற்றமே தகவல் தொடர்பு மூலகியல்  
என்பதும்.

\* மன்னியல் சார்நி - சார்நிசூலி மென்மயான மென்மயான  
தகவல் தொடர்பு மூலம் கவகியல் தொடர்பு மூலம்  
என்பதும்.

\* மல சிக்கலான அருவிக் சிக்கலான சார்நிசூலி  
மென் மயானகல் கருவிக் கருவிக் உருவிக் மென்  
தகவல் தொடர்பு மூலம் மென்மயானகல் கருவிக்  
மென்மயான குறைமாக தொடர்பு மூலம் என்பதும்.



EX NO : 1

13-09-2019

## POWERPOINT PRESENTATION

தேர்ச்சி :

Robotics என்ற தலைப்பில் MS - Powerpoint Presentation - ஐ உருவாக்குக.

செய்முறை :

- 1) 1 :- செய்முறையை உருவாக்குக.
- 2) 2 :- கிளிக் Start → All programs → microsoft office → microsoft office powerpoint - ஐ தேர்ந்தெடுக்கவும்.
- 3) 3 :- Blank presentation - னை தேர்வு செய்வது.
- 4) 4 :- Presentation - னி Layout - ஐ மூலம் செயல்படுத்தி கிளிக் Insert → layout
- 5) 5 :- மீண்டும் layout - ஐ click செய்க. "click to add text" என்ற கட்டிடம் உருவாக Type செய்வது.
- 6) 6 :- Insert - ி உடன் picture - ஐ தேர்வு செய்க அதை மூலம் கிளிக் செய்வது.
- 7) 7 :- Insert - ி உடன் sound - ஐ தேர்வு செய்க Audio - னை கிளிக் செய்வது.



# ROBOTICS

Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronic engineering, information engineering, computer science and others.

# ROBOTICS AUDIO



22 8 : Insert - ൽ Insert video - ൽ Insert  
video - ൽ Insert ചെയ്യും.

22 9 : Animation ൽ Animation  
Animation ൽ Animation - ൽ Animation  
Animation ൽ Animation - ൽ Animation  
Animation ൽ Animation - ൽ Animation  
Animation ൽ Animation - ൽ Animation

22 10 : Ctrl + S (or) File → Save - ൽ Save  
Save ചെയ്യും.

22 11 : Slide show - ൽ Click ചെയ്ത്  
From Beginning - ൽ F5 - ൽ F5  
Run ചെയ്യും.

22 12 : Animation ചെയ്യും.

Signature

Signature

Robotics ൽ Robotics Ms - Powerpoint  
presentation ഉപയോഗിക്കുന്നു.

**ICT**

**RECORD**



## STUDENT MARKSHEET 2019-2021

Slr.	Roll No.	Name	Exam 1	Exam 2	Exam 3	Exam 4	Exam 5	Exam 6	Exam 7	Total	Average
1	19001	Aradhana	87	89	85	88	90	88	89	800	80.00
2	19002	Shruti	78	80	82	85	88	89	89	801	80.10
3	19003	Charvi	75	78	80	82	85	88	89	797	79.70
4	19004	Shreyanshi	85	88	90	92	95	98	99	867	86.70
5	19005	Shikha	90	92	95	98	100	100	100	975	97.50
6	19006	Harshita	70	75	80	85	90	95	100	795	79.50
7	19007	Shruti	80	85	90	95	100	100	100	850	85.00
8	19008	Harshita	85	88	90	92	95	98	100	903	90.30
9	19009	Shikha	80	85	90	95	100	100	100	850	85.00
10	19010	Shikha	85	88	90	92	95	98	100	903	90.30

## CHART INSERTION

Slr.	Roll No.	Name	Total
1	19001	Aradhana	800
2	19002	Shruti	801
3	19003	Charvi	797
4	19004	Shreyanshi	867
5	19005	Shikha	975
6	19006	Harshita	795
7	19007	Shruti	850
8	19008	Harshita	903
9	19009	Shikha	850
10	19010	Shikha	903



## RESUME

### ARULMOZHI. P

59 A, Kalki Nagar,  
Venkatesha Colony  
Pollachi- 642001

Phone No: 94871-72887

E-mail id: arulmozhi@gmail.com

### OBJECTIVE

To be a part of an institution that utilizes my skills and ability to enhance my professional growth with the organization.

### KEY SKILLS

- Excellent communication Skills
- Strong knowledge of utilizing all the modern teaching aids
- Ability to handle children of different age
- Expertise in using new technology

### ACADEMIC DETAILS

Qualification	Place of Study	Board / University	Percentage
SSLC	Government Girls School, Valparai	State Board	75%
HSC	Government Girls Higher Secondary School, Pollachi	State Board	75%
B.A TAMIL	N.G.M College, Pollachi	Bharathiyar University	86%
B.Ed TAMIL	P.A College of Education, Pollachi	TamilNadu Teachers Education University	85%

2019-2020 கல்வியாண்டு வினாக்கள்  
உள்ளும் .

- 2019 7 : கீழ்க்கண்ட 2019-2020 கல்வியாண்டு வினாக்கள் உள்ளும் .
- 2019 8 : கீழ்க்கண்ட 2019-2020 கல்வியாண்டு வினாக்கள் உள்ளும் ,  
Right click செய்து "Borders & Shading" - ஐ  
கீழ்க்கண்ட செய்து கொடுக்கவும் .
- 2019 9 : Table - க்கு கீழ்க்கண்ட Borders, Shading  
2019-2020 கல்வியாண்டு Colour - ஐ கீழ்க்கண்ட செய்து கொடுக்கவும் .
- 2019 10 : கீழ்க்கண்ட வினாக்கள் , கீழ்க்கண்ட  
Insert -> Page number.
- 2019 11 : கீழ்க்கண்ட வினாக்கள் Ctrl+S கீழ்க்கண்ட  
File -> save ஐ கீழ்க்கண்ட செய்து கொடுக்கவும் .
- 2019 12 : கீழ்க்கண்ட வினாக்கள் .



### EXTRA CURRICULARS

- Worked as a Joint Secretary in the association of Kalki in College.
- Done two literature work for academic examinations.
- Participated in various events at symposium.
- Worked as a volunteer in National Service Scheme at various events.

### HOBBIES

- Writing short stories
- Reading the ancient literature
- Listening Music
- Gardening
- Surfing Internet

### PERSONAL PROFILE

**Date of birth** : 13 -04-1991.  
**Gender** : Female.  
**Languages known** : English, Tamil.  
**Marital Status** : Single

### DECLARATION

I hereby declare that the information furnished above is true and correct to best of my knowledge.

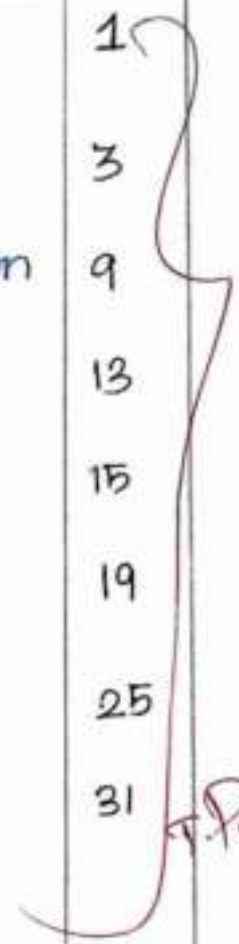
**Place** : Pollachi

**Date** :

(Arulmozhi P)

**ICT**

**RECORD**

S.No	Date	Content	Page No	Initials
1.		Introduction	1	
2.		Aims and Objectives	3	
3.	13.09.2019	PowerPoint Presentation	9	
4.	4.10.2019	Educational Blog	13	
5.	11.11.2019	Photo documentary	15	
6.	15.12.2019	MS-Word	19	
7.	9.1.2020	MS-Excel	25	
8.		Conclusion	31	

T. P. M.  
13/12/19



AIM

To create a Powerpoint Presentation and insert a text, audio and video.

PROCEDURE

STEP 1 : Start the process

STEP 2 : Click Start → All programs → Microsoft office → Microsoft powerpoint to open a Microsoft presentation.

STEP 3 : Blank presentation is selected to create our own presentation.

STEP 4 : To change the layout of the presentation click Insert → layout.

STEP 5 : To add text, click and then type in the box titled "click to add text". The text is entered.

STEP 6 : To add picture, click Insert → picture a dialog box opens to select the picture to be inserted.

STEP 7 : To add audio, click Insert → Audio → Insert audio From File, a dialog box opens to select the audio to be inserted.

EXPERIMENT PLAN FOR ROBOTICS

**ROBOTICS**

Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronic engineering, information engineering, computer science and others.

This is a screenshot of a presentation slide. The slide has a dark header with the title 'ROBOTICS' in large, bold, black letters. Below the title is a paragraph of text defining robotics as an interdisciplinary branch of engineering and science, listing fields like mechanical, electronic, information engineering, and computer science. The slide is framed by a thin black border, and the background shows a faint grid pattern. At the bottom, there is a dark navigation bar with several icons.

**ROBOTICS AUDIO**

This is a screenshot of a presentation slide. The slide features the title 'ROBOTICS AUDIO' in bold black text. Below the title is a large, light-colored speaker icon with sound waves emanating from it. A hand-drawn red arrow points from the top of the slide down to the speaker icon. The slide is framed by a thin black border, and the background shows a faint grid pattern. At the bottom, there is a dark navigation bar with several icons.

2024-2025

STEP 8 : To add video, click Insert → video → video from file, a dialog box opens to select the video to be inserted.

STEP 9 : To add animation, click Animation → custom Animation and choose the desired effects.

STEP 10 : To change the font style, font colour choose desired option under Home menu.

STEP 11 : To save the presentation, click File → save or use the shortcut Ctrl+S and save with a file name.

STEP 12 : To view the slide show, click Slide Show → From Beginning or Press F5 key.

STEP 13 : Stop the process

Result

By following the above procedure, PowerPoint presentation was created and executed successfully.



AIM

To create two pages of Resume of a graduate with the following specification using MS word.

- a) Table to show qualification with proper heading.
- b) Appropriate left and right margins
- c) Page number in the footer on the right side.

PROCEDURE

STEP 1 : Start the process

STEP 2 : click Start → All programs → Microsoft Office → Microsoft word to open a word document.

STEP 3 : open a new word document, click File → New option.

STEP 4 : To set the Margin, click Page layout → Margins and under Margin tab, choose the desired Margin from the list.

## RESUME

**ARULMOZHI. P**

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Venkatesha Colony  
Pollachi- 642001

Phone No: 94871-72887

E-mail id: arulmozhi@gmail.com

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B.A TAMIL	N.G.M College, Pollachi	Bharathiyar University	86%
B.Ed TAMIL	P.A College of Education, Pollachi	TamilNadu Teachers Education University	85%

STEP 5 : Type the required content with appropriate headings and align them with options under Home Menu.

STEP 6 : To Insert the table, click Insert → Table and specify the required number of Rows and columns to insert in our Document.

STEP 7 : Type the headings and required Information

STEP 8 : To apply borders and shading, select the cell, rows or columns then Right click and choose the Borders and shading from the Menu.

STEP 9 : Choose the relevant border shading and colour for the table

STEP 10 : To Insert Page number, click Insert → Page number, choose the relevant number format to display in every Page of the document.

STEP 11 : To save the Document, click File → Save or by Pressing  $Ctrl + S$  with a desired name.

STEP 12 : Stop the process.



### EXTRA CURRICULARS

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- Done two literature work for academic examinations.
- Participated in various events at symposium.
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Languages known : English, Tamil.  
Marital Status : Single

### DECLARATION

I hereby declare that the information furnished above is true and correct to best of my knowledge.

Place : Pollachi

Date :

(Arulmozhi P)

STEP 8 : To copy the Formula to other cells click and drag the mouse pointer when it changes to "+" symbol.

STEP 9 : To create chart, first select the required fields in chart namely, Roll number, Name, total, Average etc.

STEP 10 : To Insert chart, click on Insert → Chart and select the required fields to display in chart.

STEP 11 : Select also the type of chart namely columnchart, Pic chart or ~~Plot~~ charts.

STEP 12 : After giving all the details, the chart is inserted in our worksheet

STEP 13 : Stop the process.

# P. A. COLLEGE OF EDUCATION

(Approved By NCTE, New Delhi & Affiliated to Tamilnadu Teachers Education University, Chennai)

(Accredited with NAAC)

POLLACHI, COIMBATORE - 642 002. Phone : 04259 - 230893 Cell : +91 99424 99814

Website : www.paeducations.org Email : paeducation@rediffmail.com

College Code : 10333



CRITICAL UNDERSTANDING OF ICT RECORD

Name of the Candidate : .....SUDHAMATHI, D.....

Register No. : .....1033321BDO73.....

Level I : .....PEDAGOGY OF MATHEMATICS.....

Level II : .....PEDAGOGY OF MATHEMATICS.....

*D. S. f.*  
STUDENT TEACHER

*S. Sathya*  
INTERNAL EXAMINER

Mrs. S. SATHYAPRIYA, M.Sc. M.Ed.  
Assistant Professor in Education  
P.A College of Education  
Pollachi - 642 002.

*M. Senthil Kumar*  
PRINCIPAL

Dr. M. SATHYALAKSHMI, M.A., M.Ed., M.Phil., Ph.D.  
Principal  
P. A. COLLEGE OF EDUCATION  
Pollachi, Tamilnadu - 642 002.

*Smt. A.K.D. Sankaranamma*  
EXTERNAL EXAMINER  
PRINCIPAL

Smt. A.K.D. Sankaranamma Co-  
ordinator of Education for Women  
RAJAPALAYAM - 626 101



S.No	Date	Particulars	Page No.	Remarks / Initial
1		INTRODUCTION	1	
2	10.03.2022	MICROSOFT WORD	11	
3	26.03.2022	MICROSOFT EXCEL	15	
4	01.04.2022	MICROSOFT POWERPOINT	19	
5	05.04.2022	EDUCATIONAL WEBSITES	23	
6	22.04.2022	VIDEO CONFERENCING	25	8+
7	29.04.2022	PHOTO DOCUMENTARY	29	
8	06.05.2022	PRESENTATION USING PROJECTOR	33	
9	13.05.2022	PREPARATION OF E-CONTENT	35	
10	20.05.2022	VIDEO ON TEACHING STYLES	39	
11	27.05.2022	EDUCATIONAL BLOG	41	
12		CONCLUSION	45	

## Information and Communication Technology

### Introduction:

Information and Communication Technology (ICT) is an extensional term for Information Technology (IT) that stresses the role of unified communications and the integration of telecommunications (telephone lines and wireless signals) and computers as well as necessary enterprise software, middleware storage and audiovisual, that enables users to access, store, transmit, understand and manipulate information.

ICT is also used to refer to the convergence of audiovisual and telephone networks with computer networks through a single cabling or link system. There are large economic incentives to merge the telephone network with the computer network system using a single unified system of cabling, signal distribution and management. ICT is an umbrella term that includes any communication device, encompassing radio, television, cell phones, computer and network hardware, satellite systems and so on, as well as the various services and appliances with them such as video conferencing and distance learning. ICT also includes analog technology

to the inevitable future changes one starts to the integration of ICT across the curriculum. At a very young age - children are introduced to basic programming, modelling and software application to create appreciation of technology in everyday life.

### Social aim:-

It aims to equip learners with the appropriate social skills required to cooperate with fellow ICT learners for a more productive learning experience. It supports students who are unable to use this technology outside the school premises by ensuring sufficient access to these students. Through this, it will also ensure equity among all learners, as they will all have the same opportunity to use the ICT facilities in school. Another social objective of ICT is to facilitate good communication between the students, thus promoting better social understanding.

### Cultural Objective:-

ICT aims to assist students to appreciate the beauty and diversity of culture. It also aims to help students become well cultural citizens of the modern world. Global citizenship is fostered through worldwide networks that make it possible for people to take diverse classes, conduct business or socialize in real time.



## **SUDHA MATHI, D**

E-mail:mathisudha452@gmail.com

Address:1/59,Okkilipalayam,Achipatti post, Pollachi.

Pincode:642002.

Contact no:6383744931.

### **CAREER OBJECTIVES:**

To work in a firm with a professional work driven environment where i can utilize and apply my knowledge, Skills which would enable me as a fresh graduate to grow while fulfilling organizations goals.

### **ACADEMIC PROFILE:**

- **X(10<sup>th</sup>)Examination-2016**  
85.4%(State Board)  
Siwalik Matric Higher Secondary School,Pollachi.
- **XII(12<sup>th</sup>)Examination-2018**  
73.6%(State Board)  
Siwalik Matric Higher Secondary School,Pollachi.
- **B.Sc Mathematics With Computer Application (2018-2021)**  
76 Percentage  
Shri Nehru Maha Vidyalaya College of Arts & Science,  
Coimbatore.

### **COMPUTER PROFICIENCY:**

- MS-office
- Basic of C,C++ Programming
- Java
- Oracle

### **EXTRA-CURRICULAR ACTIVITIES:**

- Fluency in communication skills.
- Active volunteer in school and college activities.

EX NO: 1

## Microsoft Word

Date: 11.3.22

Aim:

To create two pages of resume of a graduate with the following specification using MS-WORD

- a) Table to show qualification with proper heading
- b) Appropriate left and right margins
- c) Page number in the footer on centre.

Procedure:

Step 1: Start the process

Step 2: click Start → All program → Microsoft Office → Microsoft Word to open a word document

Step 3: Open a new word document, click File → New option

Step 4: To set the margins, click Page layout → margins and under margin tab choose the desired margin from the list

Step 5: Type the required content with appropriate headings and align them with option under home menu

Step 6: To insert the table, click Insert → Table and specify the required number of rows and columns to insert in our document

## **INTERPERSONAL SKILLS:**

- Capability to lead a team
- Willingness to learn new blooming technologies.
- Meet and beat the target challenging.
- Ability to deal with people diplomatically.
- Ability to rapidly built relationship and set up trust.

## **HOBBIES:**

- Dancing
- Reading Books

## **PERSONAL INFORMATION:**

- **Father's Name** : Dharamalingam. D
- **Mother's Name** : Seramadevi. D
- **Date of Birth** : 17-06-2001
- **Gender** : Female
- **Language Ability** : English , Tamil
- **Marital Status** : Single
- **Nationality** : Indian
- **Religion** : Hindu
- **Permanent Address** : 1/59, Okkilipalayam, Achipatti post, Pollachi.

## **DECLARATION:**

I hereby declare that information and facts stated herein and above are true and correct to the best of my knowledge and belief.

**Date :**

**Place :**

**(SUDHA MATHI.D)**



Step 7: Type the headings and required information

Step 8: To apply borders and shadings, select all rows or columns and right click and choose the border and shadings from menu

Step 9: Choose the relevant border shading and colors for the table

Step 10: To insert page number, click Insert → Page number choose the relevant number format to display the page number for the document

Step 11: To save the document, click File → Save or by pressing  $ctrl+S$  with a desired name

Step 12: Stop the process

### Result:

By following the above procedure, the resume was successfully created using Microsoft Word.

EX No: 5

## VIDEO CONFERENCING

DATE : 22.4.22

Aim:-

To use skype app for video conferencing

Procedure:

- Step 1: Start the process
- Step 2: click on the Skype app
- Step 3: click on the sign in or create option
- Step 4: To create a new skype account, click create one
- Step 5: Enter the mobile number or email id and click the next option
- Step 6: Create a password tab appears
- Step 7: Enter a 8 digit password and click the Next option
- Step 8:- Enter the first name and last name and click the next option
- Step 9:- Enter the verification code received to the registered mobile number or mail id
- Step 10:- Sign to the account using registered account detail







- Step 11: click the calls tab
- Step 12: select the person name whom should the video conference is made
- Step 13: click the video call symbol
- Step 14:- Start the video conferencing
- Step 15 :- Stop the process

### Result :-

By following the above procedure the SKYPE app is used for video conferencing successfully.



EX NO: 6

## PHOTO Documentary

DATE: 24.4.22

Aim:

To create a photo documentary

Procedure:

- STEP 1 : Start the process
- Step 2 : Select Start → All programs → Photogrid application
- Step 3 : click on photo grid application, a window appears
- Step 4 : Take 25 photos and upload in the photo grid application
- Step 5 : Set a background colour for the photo by ~~Selecting insert~~ → Background colour
- Step 6 : set different types of frames by selecting insert → Frame
- Step 7 : click insert → custom Animation to select different types of animation



# INTRODUCTION

- Micro teaching

- A method of teacher training/ teaching technique, .
- Simplifies the complex teaching process so that the student-teacher can cope with it.
- Scaled Down Teaching Encounter
- Teaching reduced in Class size, Concept, time and number of pupils.



Ex No: 7

## Presentation using Projector

DATE 6.5.22

Aim:

To use a visual projector to display and share a Power point Presentation to the whole class

Procedure:

Step 1 : Start the process

Step 2 : Choose the required topic

Step 3 : make a Power point on the particular topic.

Step 4 : Connect the projector with the computer or laptop

Step 5 : open the Powerpoint Presentation on the computer

Step 6 : Now the Powerpoint presentation will be Projected on the projection screen

Step 7 : Explain the content

Step 8 : click Esc after the explanation is completed

Step 9 : close the Presentation

Step 10 : stop the process

RESULT : By following the above procedure powerpoint presentation was displayed and shared using visual projector successfully.







# Generations of Computers

The modern computer took its shape with the arrival of your time. It had been around 16th century when the evolution of the computer started. The initial computer faced many changes, obviously for the betterment. It continuously improved itself in terms of speed, accuracy, size, and price to urge the form of the fashionable day computer. This long period is often conveniently divided into the subsequent phases called computer generations:

- **First Generation Computers (1940-1956)**
- **Second Generation Computers (1956-1963)**
- **Third Generation Computers (1964-1971)**
- **Fourth Generation Computers (1971-Present)**
- **Fifth Generation Computers (Present and Beyond)**

## **First Generation Computers: Vacuum Tubes (1940-1956)**

The technology behind the primary generation computers was a fragile glass device, which was called vacuum tubes. These computers were very heavy and really large in size. These weren't very reliable and programming on them was a really tedious task as they used high-level programming language and used no OS. First-generation computers were used for calculation, storage, and control purpose. They were too bulky and large that they needed a full room and consume rot of electricity.

## **Second Generation Computers: Transistors (1956-1963)**

Second-generation computers used the technology of transistors rather than bulky vacuum tubes. Another feature was the core storage. A transistor may be a device composed of semiconductor material that amplifies a sign or opens or closes a circuit.

Transistors were invented in Bell Labs. The use of transistors made it possible to perform powerfully and with due speed. It reduced the dimensions and price and thankfully the warmth too, which was generated by vacuum tubes. Central Processing Unit (CPU), memory, programming language and input, and output units also came into the force within the second generation.

Programming language was shifted from high level to programming language and made programming comparatively a simple task for programmers. Languages used for programming during this era were FORTRAN (1956), ALGOL (1958), and COBOL (1959).

### **Third Generation Computers: Integrated Circuits. (1964-1971)**

During the third generation, technology envisaged a shift from huge transistors to integrated circuits, also referred to as IC. Here a variety of transistors were placed on silicon chips, called semiconductors. The most feature of this era's computer was the speed and reliability. IC was made from silicon and also called silicon chips.

A single IC, has many transistors, registers, and capacitors built on one thin slice of silicon. The value size was reduced and memory space and dealing efficiency were increased during this generation. Programming was now wiped out Higher level languages like BASIC (Beginners All-purpose Symbolic Instruction Code). Minicomputers find their shape during this era.

### **Fourth Generation Computers: Micro-processors (1971-Present)**

In 1971 First microprocessors were used, the large scale of integration LSI circuits built on one chip called microprocessors. The most advantage of this technology is that one microprocessor can contain all the circuits required to perform arithmetic, logic, and control functions on one chip.

The computers using microchips were called microcomputers. This generation provided the even smaller size of computers, with larger capacities. That's not enough, then Very Large Scale Integrated (VLSI) circuits replaced LSI circuits. The Intel 4004 chip, developed in 1971, located all the components of the pc from the central processing unit and memory to input/ output controls on one chip and allowed the dimensions to reduce drastically.

### **Fifth Generation Computers: Ultra large scale integration(1980-present)**

The technology behind the fifth generation of computers is AI. It allows computers to behave like humans. It is often seen in programs like voice recognition, area of medicines, and entertainment. Within the field of games playing also it's shown remarkable performance where computers are capable of beating human competitors. The speed is highest, size is that the smallest and area of use has remarkably increased within the fifth generation computers. Though not a hundred percent AI has been achieved to date but





# P. A. COLLEGE OF EDUCATION

All Are Cordially Invited!!!  
FOR TWO DAYS WORKSHOP  
ON COMMUNICATION SKILLS

With immense pleasure we inform you that  
Our "P. A. College of Education" is going to conduct two days workshop  
on "Effective Communication skills",  
which is planned to be held on 8th August 2019.

Our CHIEF GUEST:  
Dr. Lakshmi Appukutty M. A., M. Ed., M. Phil., Ph.D.  
Vice- Chairperson,  
P. A. Educational Institutions

Will preside over the function

Inaugural Time: 10am

Venue: Seminar Hall 2





# P. A. COLLEGE OF EDUCATION



(Approved by NCTE, New Delhi & Affiliated to Tamil Nadu Teachers Education University, Chennai)

Pollachi, Coimbatore (Dist.) - 642 002.

Phone: 04259- 230893 Cell: +91 9942999814

Email: paeducation@rediffmail.com Website: www.paeducollge.org

**CHIEF PATRON**

**Prof. P. Appukuttym.A., M. Ed., M. Phil.,**  
Chairman and Management Trustee

**PATRON**

**Dr. Lakshmi Appukuttym.A., M. Ed., M. Phil., Ph.D.**  
Vice-Chairperson and Trustee

**PRESIDENT**

**Dr. M. Senthil Kumaram.S., M.Sc., Ph.D.**  
Principal

## INVITATION

The Management, Principal and Faculty Members

Of

Department of Education

Cordially invites you for the

### **WORKSHOP ON COMMUNICATION SKILLS**

Programme on

08<sup>th</sup> August 2019

**Dr. (Mrs). A. Jayasree M.A., M. Phil., Ph. D., NET**

Avinashilingam Institute for Home Science and Higher Education for Women,

Coimbatore - 43

**Dr. P. APPUKUTTY**

**P.A INSTITUTIONS**

**WILL PRESIDE OVER THE FUNCTION**

**ALL ARE WELCOME**

**Date: 12.08.2019 Time: 10.00 AM - 12.00PM, 2.00PM - 4.00PM Venue: B.Ed. Seminar Hall**

## AGENDA

- Prayer
- Welcome address
- Presidential address
- Guest speech
- Practice session
- Valedictory program
- Vote of thanks

## REPORT OF WORKSHOP ON COMMUNICATION SKILLS

A two-day workshop on Competency of Effective Communication for the final year B.Ed Students of P.A College of Education, Pollachi from 10.00 am to 12.00 pm and 2.00 pm to 4.00 pm on 12.08.2019.

The Chief Resource person, (Mrs). A. Jayasree M.A., M.Phil., Ph. D., NET Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 43.

The workshop was inaugurated by the Principal Dr.M.Senthil Kumar, P.A College of Education, Pollachi.

During the first session of the workshop, Mrs. A. Jayasreemade a presentation on Self Introduction, Role Play, Debate, and Interview.

In the second session, Self Introduction, Role Play, Debate, Interview, was followed by the participants' as groups on their own topics. Then they were given some exercises and role play sessions where they were asked to use appropriate language.

In the valedictory program held at the end, a few participants gave their feedback explaining how the program helped them improve their communication skills and made them more confident of using English in a better way. In his valedictory address, the Principal congratulated both the participants and the resource persons for organizing the programme successfully and requested the participants to constantly improve upon their skills and competencies for their personal and professional growth. The program ended with a vote of thanks by our student teacher Miss.V.N. Shahithya.







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Chairman and Management Trustee

**PATRON**

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**PRESIDENT**

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### Art and Craft Exhibition

Art and Craft exhibition was organized at our college on 18.02.2020 under the dynamic leadership of all faculty members. It was an involvement of all the students of the first year students by displaying their exhibits through glass painting, spray painting, water painting, collection and best out of waste.

The exhibition was inaugurated by Prof.P.Appukutty, the Chairman, P.A.Educational institutions, Our Administrative officer Mr.R.Palaniswami and Principal Mr.M.Senthikumar also joined.

The importance of the day was delivered by Asst.Prof S.Sathiyapriya. She brought in the benefits of drawing and appreciated the History of art and craft.

The Chairman congratulated the students and lauded the efforts of the teachers for the innovative work done and said that art improve the Students ability in expression and feeling. The Principal addressed the student's and encouraged the non – artists to develop interest for art as it could be a help for their daily living.

The exhibition was open for all the students to view.



PRINCIPAL  
P.A. COLLEGE OF EDUCATION  
POLLACHI - 642 002.

Art and Craft Exhibition



*M. R. Kumar*

PRINCIPAL  
P.A. COLLEGE OF EDUCATION  
POLLACHI - 642 002.



LEARN

WORK

SUCCEED



# P. A. COLLEGE OF EDUCATION

(Approved by NCTE, New Delhi & Affiliated to Tamil Nadu Teachers Education University, Chennai)  
Pollachi, Coimbatore (Dist.) - 642 002.

## NATIONAL ACHIEVEMENT SURVEY 2021

### TRAINING PROGRAM - AGENDA

DAY: 11<sup>th</sup> November 2021

VENUE: Seminar Hall

TIME: 10.00 a.m.

Tamilthai Vazhthu

Lightening Kuthuvilaku

Welcome Address

: **Dr.M.Senthilkumar,**

Principal,

P. A. College of Education, Pollachi.

Training Resource Persons

: **Mr.N.Sathya Moorthi BRTE,**

SSA Office Pollachi North.

: **Mr.K.Ranjith Kumar BRTE,**

SSA Office Pollachi North.

: **Mrs.G.Subashni BRTE,**

SSA Office Pollachi North.

Vote of thanks

: **Mrs.D.Rajarajeswari**

Asst. Professor in Mathematics Education,

P. A. College of Education, Pollachi.

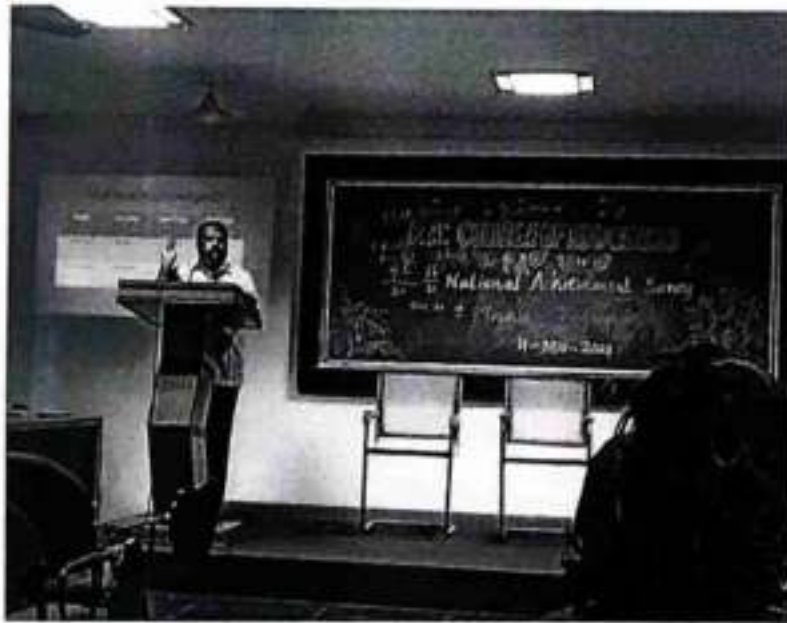
National Anthem

:

## NATIONAL ACHIEVEMENT SURVEY 2021 TRAINING PROGRAM



Welcome Address by Dr.M.Senthilkumar, Principal P.A.College of Education



Training Resource Person Mr N.Sathya Moorthi BRTE, SSA Office Pollachi North.

## TLM Prepration Photo Gallery









