1. Classroom Teaching

2. Mentoring

3. ASSESSMENT OF STUDENT LEARNING

Weightage to Objectives.

SLNO.	Objective	Marks	% Marks
1	Remember	07	35%
2	Understand	1	5%
3	Apply.	12	60%
	TOTAL	20	100.

Weightage to types of questions

SLNO	Type of Questions	Marks	% Marks
1.	Objective Type	9	45%
2.	Short Answers	2	10%
3.	Very Short Answers	9.	45%
	TOTAL	20	100.

Weightage to Difficulty.

SLNO	Difficulty	Marks	% Marks
1	Easy	08	40%
2	Medium	07	35%
3	Difficult.	05	25%
	TOTAL	20	100

ENGLISH

UNIT TEST

Class 8A

Maximum Marks-20

Time: 40mins

I Short Answers (Answer any 3):

(1 from poem compulsory)   (3 x 3 = 9)

1. How did Jody bring fawn back home?
2. What did Doc Wilson mean when he said "Nothing in world ever comes quite free"?
3. Why was Mill wheel afraid to leave Jody alone?
4. What is a bargain? What attempts does a man make to strike a bargain?
5. What message does Tagore's poem convey? What does he try to highlight?

II Write any 2 proverbs: (2 x 1 = 2)

III Convert the following into reported speech: (4x1=4)

1. Penny said, "Do you really want it son?"
2. Mill Wheel said, "Will he ride back with me?"
3. Bob is annoying me
4. I can easily pass the test

VI Write down the meanings: (5x1 = 5)

1. Balked

2. Hoist

3. Sleek

4. Chariot

5. Wandered

I.

1. (i) Picked up fawn into his arms
   (ii) Kept fawn down, took rest
   (iii) Fawn followed him

2. (i) Penny must pay back to Doe.
   (ii) He killed for his own gain
   (iii) Bringing up fawn

3. (i) Mill wheel did not want to leave Jody alone
   (ii) He was afraid, Jody might be lost
   (iii) He could be bitten by snake

4. (i) Bargain - agreement in which parties promise
       to do something for each other

   (ii) King - power - counts for nothing
        Man - Coins - power counts for nothing
        Girl - Beauty - Fades away

   (iii) Strikes bargain with little child
         for no price.

5   Freedom is more desirable than power,
        gold or beauty

        Employee - slave or servant, offers services
            on payment

        Playing with child - freedom

(II)   Any 2 proverbs of their choice.

(III) 1. Penny asked his son if he really wanted the fawn
    2. Mill-wheel enquired if Jody would ride back with him
    3. She/He said Bob was annoying her/him
    4. She/He said she/he could easily pass the test

(IV)
    1   unwilling

    2. Pull up higher.

    3. Smooth & shiny

    4. King's vehicle

    5   walk/move aimlessly

QUESTION WISE ANALYSIS

Q. NO	SQ NO	OBJECTIVE	SPECIFICATION	FORM	MARKS	ESTIMATED TIME	DIFFICULTY LEVEL
I	1	Remember	Recall	SA	⎤		E
	2	Remember	Recall	SA	3		M.
	3	Remember	Recall	SA	x	20min	E
	4	Analyze	Classify	SA	3 = 9		D
	5	Understand	Cite	SA	⌋		D
II	1	Apply	Cite	Pro	1	5min	M
	2	Apply.	Cite	Pro.	1		M.
III	1	Analyze	Identify	RS	1		D
	2	Analyze	Identify	RS	1		D
	3	Analyze	Identify	RS	1	10min	E
	4	Analyze	Identify	RS	1		E
IV	1	Remember	Recall	Mea	1		E
	2	Remember	Recall	Mea	1		M.
	3	Remember	Recall	Mea	1		M
	4	Remember	Recall	Mea	1	5min	E
	5	Remember	Recall -	Mea	1		E
		Total			20mark	40min	

SA - Short Answer

Pro - Proverb.

RS - Reported Speech.

Mea - Meanings / Glossary

Table of Specifications

Unit: Joshy's Favon / Last Bargain.   Class: VIII

Objectives Sub-Units	Knowledge				Comprehend				Apply				Skill				Total
	O	VSA	SA	E	O	VSA	SA	E	O	VSA	SA	E	O	VSA	SA	E	
Joshy's Favon	2(1)	1(3)					1(3) *1(3)			4(1)			2(1)				14
Last Bargain.	3(1)	1(3) *(3)															6
Total	5	6			3				4				2				20

VIII A

SL No	Name of Student	Marks		SL No	Name of Student	Marks
01	Sharanya A	18.0		21	Naveen N.	9.0
02	Sameeksha	17.0		22	Yashaswini C	9.0
03	Kalyani M.	16.0		23	Ambujakshi	9.0
04	Vignesh S	16.0		24	Tittibha. M.	8.0
05	Venu N.	15.0		25	Lohith S.	8.0
06	Ruthiksha B. R	15.0		26	Jahnvi . R.	7.0
07	Manoj L	15.0		27	Likhith. M.P	6.0
08	Sinchana V.	14.0		28	Lishanth . C	5.5
09	Pranav S.P.	13.0		29	Nagesh J.	5.0
10	Preetham R.P	13.0		30	Pranith.	5.0
11	Bhuvan	13.0		31	Samrudh Gowda.	4.0
12	Gokul . R. Jain	12.0				
13	Prakruthi Naidu	12.0				
14	Gagan Gowda.	12.0				
15	Nisarga N.	11.0				
16	Rishi Sadwick.	11.0				
17	Namana Dayanand	11.0				
18	Raghavendra.	9.5				
19	Nihar Naidu	9.0				
20	Harsha Madhav.	9.0				

Max Obtained marks
18.0 (M)

Min obtained marks.
4.0 (m)

Range = m - M
= 4 - 18

ENGLISH

Class Intervals	Frequency (f_i)	Class mark. (x_i)	$f_i x_i$
0 - 5	01	02.5	2.5
5 - 10	13	07.5	97.5
10 - 15	10	12.5	125
15 - 20	07	17.5	122.5
	$\sum f_i = 31$		$\sum f_i x_i = 347.5$

Frequency distribution table for mean.

$$\text{Mean} = \frac{\sum f_i x_i}{\sum f_i} = \frac{347.5}{31} = \boxed{11.20}$$

Class Interval	Frequency (f_i)	Cumulative frequency (cf)
0 - 5	01	01
5 - 10	13	14
10 - 15	10	24
(15 - 20)	07	31
Median class 15-20	$\sum f_i = 31$	

Frequency distribution table
for median.

$$N/2 = 31/2 = 15.5$$

So Median class = 15-20.

Here, $l = 15$, $n = 31$, $cf = 24$, $f = 27$
$h = 5$

$$\text{Median} = l + \left(\frac{n/2 - cf}{b}\right) h$$

$$= 15 + \left(\frac{31/2 - 24}{10}\right) 5$$

$$= 15 + \left(\frac{15.5 - 24}{10}\right) 5$$

$$= 15 + (3.5)$$

$$\boxed{\text{Median} = 11.5}$$

Mean = 11.20   Median = 11.5   Mode = 9

Mean > Median > Mode.

Graph is positively skewed.

INTERPRETATION

English
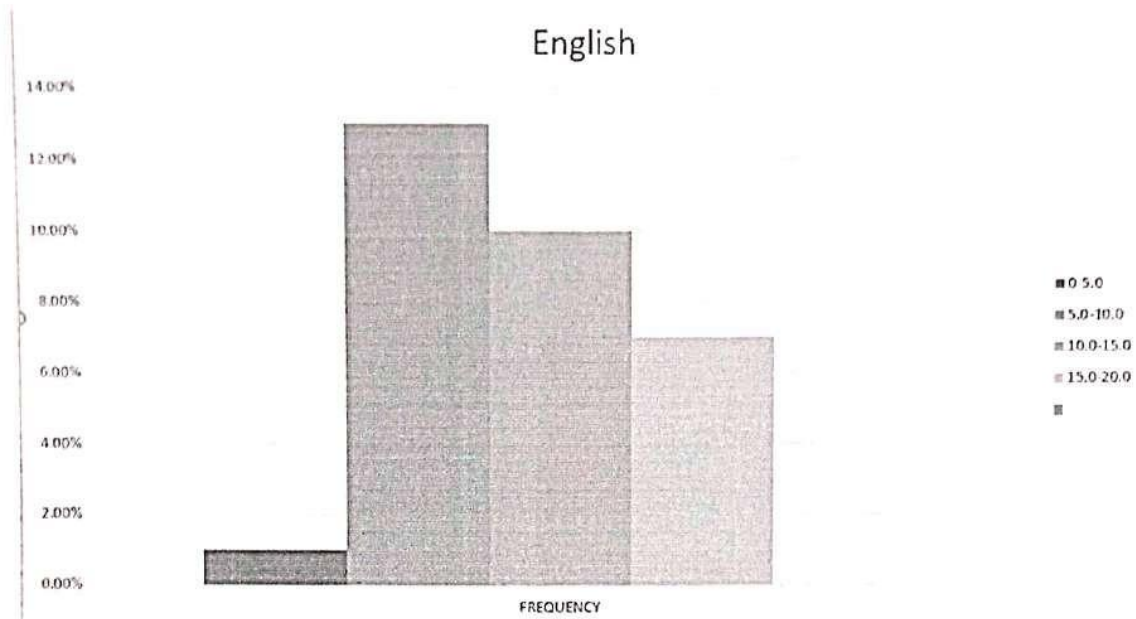
From the above graph it is clear that there are more number of students who have secured more than 13 i.e., between the range (5-10)

It may indicate that :

- Paper was difficult
- Teaching wasn't efficient

I would go for the following interpretation:

- The paper was difficult and there were 16 questions to be answered
- I would disagree with the latter part which suggests that teaching wasn't effective ,though it may be true for some students as all the students were quite interactive during the classes and I would still like to improve my performance where majority of the students would score more than the average.

SCIENCE UNIT TEST

Unit :- Light, Shadows and Reflections

Date :- 03/01/22

$$4 \times 1 = 4$$

I Choose the correct answer :-

1. Which of the following is a non - luminous body?

   a) Sun   b) stars   c) Moon   d) Fire flies

2. Light travels in _____

   a) circular path   b) Straight path   c) Zig - Zag   d) All of these

3. The colour of the shadow is _____

   a) black   b) blue   c) white   d) yellow

4. Which of the following is not always necessary to observe a shadow?

   a) Sun   b) Screen   c) Source of light   d) opaque object

II Fill in the blanks :- $$3 \times 1 = 3$$

   a) _____ Objects allow light to pass through them completely

   b) The bouncing of light, by a surface is called _____

   c) Tracing paper is a _____ object

III. Say true or False.   3×1 = 3

1. Transparent objects forms a shadow (   )

2. Pin-hole camera works on the principle that light travels in a straight line -(   )

3. The Image formed by the plane mirror is of the same colour as the object - (   )

IV. Give reasons   2×2 = 4.

1. Pin-hole camera forms an Inverted Image.

2. Image in the mirror will not be seen in a dark room.

V. write the difference:-   3×1 = 3

1.   Between, Image and shadows

VI. Answer the following questions:-   2+3+3

1) How is shadow formed?

2) write a note on pin-hole camera?

3) what are transparent, translucent and opaque materials? Give examples for each.

Blue PRINT

Objectives / subunits	Remembering			Understanding			Applying			Analysing			Total
	O	SA	E	O	SA	E	O	SA	E	O	SA	E	
Transparent, Opaque and Translucent objects	3(1)			4(3) 3(1)		1(3)				1()			08
Shadows	1(1)			1()						1()	2()		05
Pin hole Camera				1(1)					3(1)		2(1)		06
Mirrors and Reflection.	1(1)							2(1)			3(1)		06
Total.	03			05			3	2	3	2	9	7	3	25 marks

In the above table,

SA – Short answer
E – Essay type
O – objective type

Number outside the bracket represents marks for each question and the number inside the bracket represents number of questions.

Sl no	Objective	Specific	Unit / sub unit	form of question	marks	Difficulty level
1.	Understand	Identify	Transparent, opaque and Translucent	objective	01	Average
2.	Remembering	Recall	— " —	objective	01	Easy
3.	Remember	Recall	Shadow	objective	01	Easy
4.	Understand	Identify	Shadow	objective	01	Average
II a)	Understand	Identify	Transparent, opaque and Translucent	objective	01	Easy
II b)	Remember	Recall	Reflection	objective	01	Easy
II c)	Understand	Identify	T, O and transparent object	objective	01	Average
III 1.	Analyse	Analyse	— " —	objective	01	Average
2.	Understand	Understand	Pin hole camera	objective	01	Average
3.	Understand	Identify	reflection and image	objective	01	Easy
IV 1.	Analyse	Analyse	K (Image light) image and reflection, Shadow	Short answer	02	Difficult
2.	Apply	Apply	image and reflection	Short answer	02	Average
V	Analyse	Evaluate	reflection, shadow	Essay	03	Difficult
VI	Analyse	Analyse	shadow	Difficult (shadow)	02	Difficult

2)	Apply	Apply	Pin-hole camera	Essay	03	Average
3)	Understand	Explain	Transparent, Translucent, opaque	Essay	03	Average

Table of specification.

Weightage to objectives.

objectives	Marks	% Marks
Remembering	03	12 %
Understanding	08	32 %
Applying	05	20 %
Analysing	09	36 %

Weightage to content

Subunit	Marks	% Marks.
Transparent, opaque and Translucent	08	32
Shadows	05	20
Pin-hole camera	06	24
Mirrors and Reflections.	06	24

Weightage to different forms of questions

forms of question	Marks	No-% of questions	% Marks
objective	3+5+2 = 10	08+2 = 10	40
Short answer	2+4 = 6	03	24
Essay	3+3+3 = 9	03	36
Total	25		100 %

Weightage to difficulty level

Difficulty level	Marks	% Marks
Easy	05	20
Average	13	52
Difficult	07	28
Total.	25.	100 %

Question number	Key / value points / outline	Marks allotted for each value point	Total marks
I 1.	Moon	01	01
2.	straight path	01	01
3.	black	01	01
4.	Sun	01	01
II 1.	Transparent	01	01
2.	Reflection	01	01
3.	Translucent	01	01
III 1.	False	01	01
2.	True	01	01
3.	True	01	01
IV 1.	Pinhole camera forms an inverted image because light follows a principle that, light travels in a straight line	01	02
	diagram	01	

Question number	Key / value points / outline	Marks alloted for each value point	Total marks
IV. 2.	Image in the mirror will not be seen in dark room. Because, i) No light, No image ii) reflection of light doesn't happen to form image	01 01	02

<table>
<tr><td>V. 1.</td><td colspan="2">

Image	Shadow	
1) Colour - Colourful	Colour - black	01
2) size and shape are same	size and shape vary	01
3) Image is formed due to reflection	Light blocked by a opaque object forms shadow	01

</td><td>03</td></tr>
</table>

| VI 1) | when light travels in straight line and the opaque object block light, the way of
 A dark patch is formed on the screen that is shadow. | 01

 01 | 02 |
| 2) | • Pinhole camera works on the principle that light travels in a straight line.

 • The gaps between the leaves on a sunny day acts as a pinhole camera | 1/2

 1/2 + 1/2 | |

	Two rectangular boxes. A small hole in one and one side of the other box is covered with translucent paper and on sliding on one into the other one can obtain inverted image of the object	☀ 1/2	03
3)	Defining transparent, translucent, opaque and writing their examples respectively. fetches 1 mark each.	03	03.

Marks obtained

1.	Karan. P	$23\frac{1}{2}$
2.	Suhas. G	$21\frac{1}{2}$.
3.	Aliya	22
4.	Sumam a	21
5.	Tushaar	$24\frac{1}{2}$
6.	Sadiya	$24\frac{1}{2}+\frac{1}{2}$
7.	Druthi. S. L	14
8.	Shashan th	07
9.	Thilak Gowda	$11\frac{1}{2}$.
10.	Benaka prasad	25
11.	Vidhya	$21\frac{1}{2}$
12.	Suryakiran	23
13.	Pruthvish	$24\frac{1}{2}$
14.	Deeksha Sarathi	25
15.	Shrulakshmi	25
16.	Sudhanva	22 .
17.	Bhuvan Gowda	24
18.	Disha shetty	25
19.	Bhavani	25
20.	Munaf	09
21.	Deeksha shetty	22
22.	Lekhan yadav	6.
23.	Heman	19
24.	Yashika	25

25.	Chiranth	-05.
26.	Parsinath	$-23\frac{1}{2}$
27.	Namrutha	$-24\frac{1}{2}$
28.	Kushal. P. B	$=22\frac{1}{2}$
29.	Divyashree	$=23$
30.	Akul	-7
31.	Vandana	-08
32.	Jaya adityaa	-16
33.	Siri - Srinivas	$-12\frac{1}{2}$
34.	Syed Kasim	$-24\frac{1}{2}$
35.	Jeevan	$-17\frac{1}{2}$

#	Name	Value
1)	Karan F	24
2)	Suhas G	22
3)	Aliya	22
4)	Sumama	21
5)	Tushaar	25
6)	Sadiya	25
7)	Aruthi. S. L	14
8)	Sharhanth	07
9)	Thilak Gowda	12
10)	Benaka prasad	25
11)	Vidhya	22
12)	Surya kiran	23
13)	Pruthvish	25
14)	Deeksha Sarathi	25
15)	Shreelakshmi	25
16)	Sudhanva	22
17)	Bhuvan Gowda	24
18)	Disha shetty	25
19)	Bhavani	25
20)	munaf	09
21)	Deeksha Shetty	22
22)	lekhan yadav	6
23)	Heman	19
24)	yathika	25
25)	Chiranth	05
26)	parinath	24
27)	Namrutha	25
28)	kushal. P. B	23
29)	Divyashree	23
30)	Akul	7
31)	Vandana	08
32)	Jaya aditya	16
33)	Siri Srinivas	13
34)	Syed karim	22
35)	Jeevan	18

↑ • Data Analysis.

1. Mean.

class interval	frequency	midpoint	$f_i x_i$	Cumulative frequency
		3	3	1
0-5	1	8	40	6
5-10	5	13	26	8
10-15	2	18	72	12
15-20	4	23	529.	35
20-25	23		670	i
Total	35			

✓ median class

$$\text{Mean} = \sum f_i x_i = \frac{670}{35} = 19.14$$

2. Median $= l + \left(\dfrac{\frac{N}{2} - F}{fm}\right) \times i$

$$= 20 + \frac{17.5 - 12}{23} \times 5$$

$$= 20 + 0.23 \times 5$$

$$= 20 + 1.19 = 21.19 \,/\!/$$

3. Mode $= 3 \times$ median $- 2$ Mean

$$= 3 \times 21.19 - 2 \times 19.14$$

$$= 63.57 - 38.25$$

$$= 25$$

* Evaluation Record

- Continuous Assessment of learners was facilitated by the usage of various tools by the teacher. Questioning and problem solving were used for continuous assessment of learners. Questions of lower order, higher order and application level were used throughout the unit. Learning resources were used wherever necessary to involve the students in teaching learning process.

At the end of every lesson assignment was given to make the students reflect on their learning. It helped the students to get better understanding of the concepts which has been taught in the class. Many assignment questions were of applications based. Students who could not get clear with the concept were given individual attention during remedial class.

Problem solving was done in all the classes to check the understanding and make the class more interesting. Appropriate feedback and instruction were given throughout the unit. A unit test was conducted on the completion of the unit.

- I wanted students to complete work into the chapter, to make sure that they practice daily, I had told them at in the beginning that, Notes carries 5 marks, oral questioning of formulae carries 5 marks, and 15 marks for mcq's. i.e

  - Notes = 5 marks
  - Oral Questioning = 5 marks
    of formulae
  - MCQ's test = 15 marks

    _____
    Total   = 25 marks
    _____

- Although I had planned to conduct test for 25 marks, due to ~~suddenly~~ because of announcement of holiday Covid did come to ~~to happen that~~ not happen. So I am Analysing the one, which?

Sol:- $180 \times 2 = 300 + 15x$

$960 = 300 + 15x$

$15x = 660$

$x = 44$ cm

hence the other parallel side is 44 cm.

8. Area of a rhombus $= \frac{1}{2} \times$ diagonal 1 $\times$ diagonal 2

$240 = \frac{1}{2} \times 16 \times x$

$8x = 240$

$x = 30$ cm

hence the other diagonal is 30 cm.

9. A cuboid has __3__ pairs of identical faces.

10. All six faces of a cube are __identical__

11. A cylindrical box has __one__ curved surface and __two__ circular faces which are identical.

12. Total surface area $= 2(lb + bh + hl)$

$= 2(20 \times 15 + 15 \times 10 + 10 \times 20)$

$= 2(300 + 150 + 200)$

$= 1300$ cm^2

13. Given, $r = 7$ cm

TSA of a cylinder $= 968$ cm^2

we know that, TSA of a cylinder $= 2\pi r(r + h)$

$= 968 = 2 \times \frac{22}{7} \times 7(7 + h)$

$= 22 \times 1 = 49 + 7h$

height $= 15$ cm

14. Volume $=$ height $\times$ base area $\Rightarrow$ $275 = h \times 25$, $h = 11$ cm //

15. Volume of a cube $= a^3 =$ side $\times$ side $\times$ side $= (2a)^3 = \underline{8}\, a^3$

Chapter :- Mensuration

∴ Multiple choice questions   (1 × 15 = 15 marks).

1. The Area of a parallelogram with length (p) and breadth (q) is :
   A. $\frac{1}{2}$ pq   B. 2pv   C. pq   d. $(pq)^2$

2. Area of a semicircle with radius 'g' is :
   A. πg^2 B. $\frac{1}{2} \pi g^2$ C. $2\pi g^2$ d. $4\pi g^2$

, . Surface area of cube of edge 'a' is:
   A. $4a^2$ B. $6a^2$ C. $3a^2$ D. a^2

1. 1 litre is equal to how many cubic centimeters?
   A. 10 cu.cm   B. 100 cu.cm   C. 1000 cu.cm   D. 10000 cu.cm

5. The Perimeter of a rectangle with length (l) and width (w) is :
   A. l+w   B. 2(l+w)   C. $(l+w)^2$ D. lw

6. The area of a rhombus whose diagonals are of lengths 10cm and 8.2cm is
   A. $41 cm^2$ B. $82 cm^2$ C. $410 cm^2$ D. $820 cm^2$

7. The area of a trapezium is $180 cm^2$, the distance between two parallel sides is 15cm and one of the parallel sides is 20cm. The other parallel side is:
   A. 20 cm   B. 34 cm   C. 44 cm   d. 50 cm

Find the other diagonal.

a) 16cm   b) 20cm   c) 30cm   d) 36cm.

9. A cuboid has _____ pairs of identical faces.

   A. 2   B. 3   c) 4   d) 5

10. All six faces of a cube are:

A. Identical   B. Different   C. Circular   D. Rectangular

11. A cylindrical box has _____ curved surface and _____ circular faces, which are identical.

   A. 1,1   B. 1,2   C. 2,1   D. 2,2

2. If a cuboidal box has height, length and width as 20cm, 15cm & 10cm respectively. Then its total surface area is:

   A. 1100cm²   B. 1200cm²   C. 1300cm²   D. 1400cm²

13. The height of a cylinder whose radius is 7cm and total surface area is 968 cm² is

   A. 15cm   B. 17cm   C. 19cm   D. 21cm.

14. The height of a cuboid whose volume is 275cm³ and base area is 25cm² is:

   A. 10cm   B) 11cm   c) 12cm   D) 13cm.

15. Find the volume of a cube whose each side length is $\frac{2}{3}a$

   A. $\frac{8}{21}a^3$ B. $\frac{4}{9}a^2$ C. $\frac{8}{9}a^3$ D. $\frac{6}{9}a$

Total marks - 15 marks   -Answer key

I Multiple choice question   (1×15 = 15 marks)

1. we know that Area of parallelogram = base × height
                                    = length × breadth
   has length is p units and breadth is q units here,
   $$A = pq$$

2. Area of a semicircle = $\frac{1}{2}\pi r^2$
   has radius is given as g units, here, $Area = \frac{1}{2}\pi g^2$

3. Surface area = Total surface area of a cube = $6 \times (side)^2$
   $$TSA = 6a^2$$

4. 1 litre = 1000 cu.cm.

5. Perimeter of a rectangle = $2(length + breadth)$
                            = $2(l + w)$

6. Area of a rhombus = $\frac{1}{2} \times (diagonal 1 \times diagonal 2)$
                     = $\frac{1}{2} \times 10 \times 8.2$
                     = $41 cm^2$

7. Area of a Trapezium = $\frac{1}{2} \times h \times (sum \text{ of } parallel \text{ sides})$
   $A = \frac{1}{2} \times h \times (a+b)$
   has h = 420 $420 = \frac{1}{2} \times 15 \times (30+a)$
       h = 15 cm
       a = 30 cm
       b = ?

1. Anam Riza — 15
2. Bindu — 09
3. Chaitanya — 12
4. Houshini.L — 10
5. Hima bindu — 11
6. Monika — 09
7. Nalini.N.S. — 08
8. Neha.S — 13
9. Prakruthi.S — 12
10. Pranavya.R.S — 12
11. Ridha Mariyam — 13
12. Samanvitha.S — 13
13. Shamitha.S — 14
14. Sheela.S — 08
15. Sri Lakshmi — 15
16. Thanushree — 09
17. Zain-ul-Arab — 14
18. Akhilesh.V — 13
19. Arjun — 10
20. Chandan — 06
21. Dhanush — 03
22. Gehan — 12
23. Hamizulla Shariff — 04
24. Koushik Rai.L — 13
25. Keerthan Gowda — 05

26. Mahadevaswamy — 03
27. Afnan Pasha — 03
28. Ikroom baig — 07
29. Rayan Huzzain — 12
30. Nikhil Kumar — 11
31. Nithesh.S — 10
32. Rahil Khan — 07
33. Rahul Gowda — 11
34. Rajath.M — 03
35. Sanjay.D.N — 14
36. Subramanya.SS — 04
37. Surya kanth Sagar — 03
38. Syed Faizan — 08
39. Syed Furkhan — 13
40. Ullas Rao — 09
41. Vardith.R — 10
42. Vikas.G.D — 13
43. Yashwanth.V.S — 06
44. Yogith.M.R — 14

Table of specifications.

Weightage to objectives:-

Objectives	Marks	% marks
Remembering	02	13%
Understanding	06	40%
Applying	05	33%
Analysing	02	13%
Total	15	100%

Weightage to Content.

Subunit	Marks	% Marks
Area and Perimeter	03	20%
Rhombus and Trapezium	03	20%
Surface area of 3-D shape	04	26.6%
Volume of a 3-D shape	05	33.3%
Total	15	100%

Weightage to difficulty level.

Difficulty level	Marks	% Marks
Easy	5	33.33%
Average	8	53.33%
Difficult	2	13.33%
Total	15	100%

1. Mean of ungrouped data,

class Interval	Frequency (f)	midpoint (x_i)	$f_i x_i$
0 – 3	05	2.0	10
3 – 6	06	5	30
6 – 9	08	8	64
9 – 12	12	11	132
12 – 15	13	14	182
	44		418

$$Mean = \frac{\Sigma f_i x_i}{\Sigma f_i}$$

$$= \frac{418}{44} \quad = 9.5 //$$

2. Median

class Interval	frequency (f)	cumulative frequency (cf)
0 – 3	05	5
3 – 6	06	11
6 – 9	08	19
M.C → 9 – 12	12	33
12 – 15	13	44
Total	44	

$$Median = l + \frac{\left(N/2 - F\right)}{f_m} \times i$$

$$= 9 + \frac{(22 - 19)}{12} \times 3$$
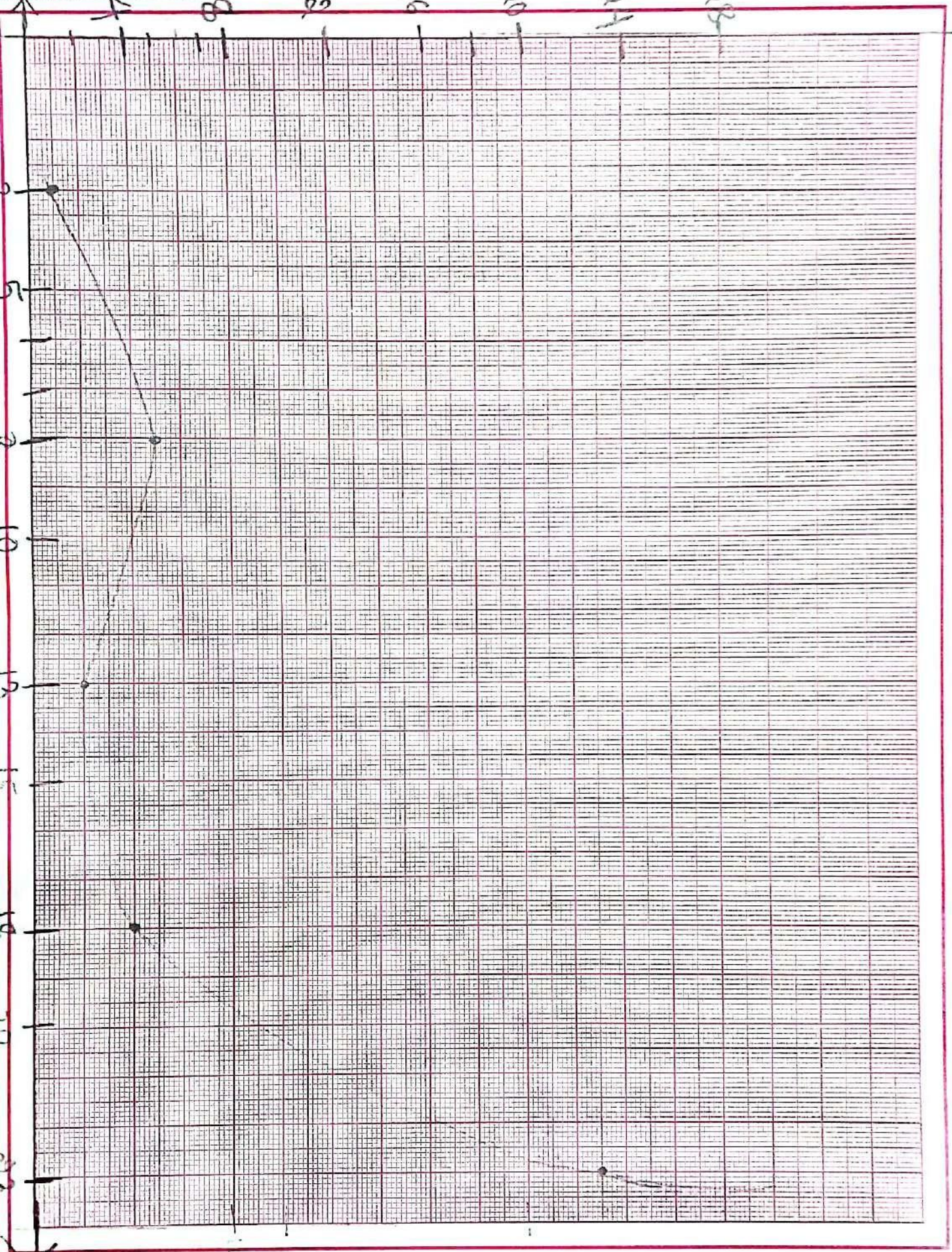
$$= 9 + \frac{3}{12} \times 3$$

$$= 9.75 //$$

3. Mode :

$$\text{Mode} = 3 \times \text{median} - 2\text{mean}$$
$$= 3 \times 9.75 - 2 \times 9.5$$
$$= 29.25 - 19$$
$$= 10.25$$

frequency

4. Student Counselling

5. PTA Meeting
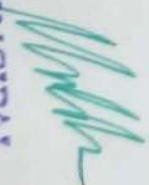
6. Assessments for students

7. Time Table preparation

Teacher: SHILPA S Course: B.Sc. B.Ed (CBZ) (Physics & Biology) Reg. No.: U01GX21E0103

Days	I 09:20-10:10	II 10:10-10:50	III 11:00-11:40	IV 11:40-12:20	V 12:20-01:00	VI 01:30-2:10	VII 02:10-02:50	VIII 03:00-03:30	TOTAL
Monday			8B SCIE/ SUNITHA				8B SCIE/ SUNITHA		1
Tuesday			9B SCIE/ SUNITHA				6A SCIE/ SUNITHA		2
Wednesday		8B SCIE/ SUNITHA	8A SCIE/ SUNITHA		8A SCIE/ SUNITHA				1
Thursday		SUNITHA	8C PHYS/ SAHANA		9B SCIE/ SUNITHA			8A PHYS/ TEJASWINI	3
Friday		MEENA	7A SCIE/ MEENA		6A SCIE/ SUNITHA		6A SCIE/ SUNITHA		3
Saturday		MEENA	7A SCIE/ MEENA		9B SCIE/ SUNITHA	xxxx	xxxx		3
TOTAL									13

Interval 10:50 - 11:00 LUNCH BREAK 01:00 - 01:30 Break 02:50 - 03:00

Teacher: B VIJAYAN Course: B.Ed. (Physics & Biology) Reg. No.: U01GX21E0106

Days	I 09:20-10:10	II 10:10-10:50	III 11:00-11:40	IV 11:40-12:20	V 12:20-01:00	VI 01:30-2:10	VII 02:10-02:50	VIII 03:00-03:30	TOTAL
Monday				8C SCIE/ HANI					2
Tuesday			8C SCIE/ HANI						2
Wednesday	9A SCIE/ HANI		6C SCIE/ MEENA		6C SCIE/ MEENA			6C SCIE/ MEENA	2
Thursday			7C SCIE / FR JOMESH				7C SCIE/ LEENA	7B SCIE/ HANI	2
Friday		7B SCIE/ HANI				xxxx			2
Saturday		9A SCIE/ HANI			7B SCIE/ HANI	xxxx			2
TOTAL									12

Interval 10:50 - 11:00 LUNCH BREAK 01:00 - 01:30 Break 02:50 - 03:00

RIE STUDENTS TIME TABLE IN COLLABORATION WITH DE PAUL TEACHERS

Teacher: CHANDRAKANT — Course: B.A. B.Ed — Reg. No.: U01GX21F0113

Days	I 09:20-10:10	II 10:10-10:50	Interval 10:50-11:00	III 11:00-11:40	IV 11:40-12:20	V 12:20-01:00	LUNCH BREAK 01:00-01:30	VI 01:30-2:10	VII 02:10-02:50	Break 02:50-03:00	VIII 03:00-03:30	TOTAL
Monday		7B ENG/ NIROSHA						xxxx				
Tuesday				8A SOC/ SHIRLEY	9A ENG/ TANIA						9A ENG/ TANIA	
Wednesday	9B SOC/ SHIRLEY										9B SOC/ SHIRLEY	
Thursday				7B ENG/ NIROSHA							8A SOC/ SHIRLEY	
Friday				9B ENG/ DIANA	8B ENG/ DIANA			xxxx			9A ENG/ TANIA	
Saturday								xxxx			8A SOC/ SHIRLEY	
TOTAL												12

Teacher: S HEMAPRIYA — Course: B.A. B.Ed — Reg. No.: U01GX21F0121

Days	I 09:20-10:10	II 10:10-10:50	Interval 10:50-11:00	III 11:00-11:40	IV 11:40-12:20	V 12:20-01:00	LUNCH BREAK 01:00-01:30	VI 01:30-2:10	VII 02:10-02:50	Break 02:50-03:00	VIII 03:00-03:30	TOTAL
Monday				9B ENG/ DIANA					9B ENG/ DIANA		7C ENG/ NIROSHA	
Tuesday		8A ENG/ TANIA		9A SOC/ MARGRET					9B ENG/ DIANA			
Wednesday		9A SOC/ MARGRET							98 ENG/ DIANA		9A SOC/ MARGRET	
Thursday	8B SOC/ MARGRET			7C ENG/ NIROSHA					DIANA			
Friday	7C ENG/ NIROSHA			8A ENG/ TANIA				xxxx			9A SOC/ MARGRET	
Saturday	8B SOC/ MARGRET							xxxx				
TOTAL												12

Teacher: SANTHOSHI — Course: B.Sc. B.Ed (Physics & Mathematics) — Reg. No.: U01GX21E0102

Days	I 09:20-10:10	II 10:10-10:50	Interval 10:50-11:00	III 11:00-11:40	IV 11:40-12:20	V 12:20-01:00	LUNCH BREAK 01:00-01:30	VI 01:30-2:10	VII 02:10-02:50	Break 02:50-03:00	VIII 03:00-03:30	TOTAL
Monday	9A MATH/ RAJINI			8B ENG/ RAGINI				7C MATH/ RAJINI	6A MATH/ KUSUMA		6A MATH/ KUSUMA	
Tuesday	9B MATH/ TEJASWINI							6A MATH/ KUSUMA				
Wednesday												
Thursday				8B MATH/ RAGINI				9B MATH/ TEJASWINI	7C SCIE/ HANI			
Friday					8B MATH/ RAGINI							
Saturday	9A MATH/ RAJINI	7C SCIE/ HANI						xxxx	xxxx			
TOTAL												13

Teacher: MAHATI AKARSHIKA D — Course: B.Ed. (Physics & Mathematics) — Reg. No.: U01GX21E0090

Days	I 09:20-10:10	II 10:10-10:50	Interval 10:50-11:00	III 11:00-11:40	IV 11:40-12:20	V 12:20-01:00	LUNCH BREAK 01:00-01:30	VI 01:30-2:10	VII 02:10-02:50	Break 02:50-03:00	VIII 03:00-03:30	TOTAL
Monday				8A MATH/ RUBAN		9B PHYS/ SAHANA		9A PHYS/ LIB	9A PHYS/ SAHANA		8B PHYS/ LIB	
Tuesday				8A MATH/ RUBAN		8B PHYS/ TEJASWINI		6C MATH/ RUBAN			6C MATH/ RUBAN	
Wednesday						8B PHYS/ TEJASWINI						
Thursday				7A MATH/ RUBAN		7A MATH/ RUBAN						
Friday								xxxx	9B PHYS/ LIB			
Saturday	8A MATH/ RUBAN							xxxx				
TOTAL												12

8. Cultural Activities

CASE STUDY (INDIVIDUAL) PERSONAL DATA SHEET

Name of the student: Shree Harsha. P.

Age & Date of birth: 13, 25ᵗʰ August, 2009.

Sex: Male

School: Vijaya Vittala Vidhyashala

Class: VIII

Section: C

Parents	Name	Age	Educational Qualification	Occupation	Annual Income
Father Mr.	P. Srinivas	56	B Sc	BMEL employee	3 lakh
Mother	Mrs. Veena	46	M Sc	Librarian	5 lakh.
Guardian					

Number of children: 2.

Name and address of the parent (if living with Guardian, state the relationship): 1266, BEML, 2ⁿᵈ Stage, RR Nagar, Mysore

1. HOME CONDITIONS:
   a) Father's Attitude (kind, Sympathetic, Dominating, Democratic etc.):
   b) Mother's Attitude (Suppressing, Overprotective indifferent etc.): Sensitive .
   c) Pupil's Ambition:

      1. Cricketer
      2. Soldier.
      3.

   d) Pupil's Vocational Ambition:

      1. Youtuber.
      2.
      3.

   e) Leisure Time Activities: Playing cricket

f) Parents' Ambition Regarding the pupil: Engineer, CA

g) Educational and Vocational Attainment of others in the family influencing the Pupil's level of aspiration: cousin brother is CA

h) Economic Status of the Family: Good.

i) Position in family:

S.No.	Name	M/F	Age	Education	Occupation	Income	
1	P. Srinivas	M	56	B Sc	BHEL	9 lakh	annum.
2	Veena	F	46	M.Sc	Librarian	8 lakh	annually
3	Aditi	F	19	B.E	Student		

j) Inter – relationship between brothers and sisters (Rivalry, Affection, Co- operation, Quarrel, Indifference) She always dominates (Attitude towards brothers and sisters)

k) Home
   Own/ Rented   Quarters of BHEL

l) Possessions   Cycle ✓   Motor Cycle ✓   Car ✓
                  BWTV ✓   CTV ✓   VCD/DVD ✓
                  Radio ✓   Tape recorder   Phone ✓

m) Facilities
   (Sleeping, playing, reading, recreation etc.)

n) Parental/ Guardian Control :   Mother is sensible.
   (Lax, Repressive, Cruel, just, Sensible etc.)

o) Religious Atmosphere:
   Favorable/ Unfavorable:

p) Locality: Urban.

City/ Suburban/ Rural:

q) Home Duties and Responsibilities: Boung milk from shop, make my bed

r) Types of Friends: Friendly - near home.
Ok type - school

2. EDUCATIONAL FACTORS:

a. Is he/ she studying in a class equivalent to age? : Yes

b. Has he/she failed in any class before? : No

c. Subjects in which he/ she is having special aptitude : none (but cricket)

d. His/ her favorite subject : English

e. Subjects in which he/ she is having difficulties : Mathematics.

f. Possible reasons for such difficulties: Can't remember formula, comprehension of question.

g. Attitude towards school : Good
   reading, grammar.

h. Distance from home : 5km

i. Mode of transportation: Van

j. Attitude towards teacher : Good

k. Attitude towards classmates: Good.

l. Rank in class : Not good

m. Regularity of attendance : Irregular.

n. Progress report :

ACADEMIC ACHIEVEMENT

SUBJECT	Year Std Max. marks Marks obtained		Year Std Max. marks Marks obtained		Year 2022-23 Std 8th Max. marks 80 Marks obtained	
Lang 1 Sanskrit					21	80
Lang 2 English					32	80
Lang 3 Kannada					19.5	80
Mathematics					22.5	80
Science					38.0	80
Social studies					28.5	80
Total					156.5	480
Rank						
Class strength						46
Attendance						89\104

S.No	Subject	Activities	Score	Remarks
1.	Mother Tongue	speaking	⎱	Grammar
2	Kannada	Reading	⎰ C	
3		Writing	⎰	
4	English	speaking	⎱	Spelling problem.
		Reading	⎰ B	
		Writing	⎰	
3	other language	speaking	⎱	
	Sanskrit / Hindi	Reading	⎰ C.	Spelling problem.
		Writing	⎰	
4	drawing			
5	singing			
6	Ability to handle equipment			
7	home assignments		Sometimes completes just incomplete	
8	teacher's remarks		Can do better but lazy to do any work	

iii. CO – CURRICULAR ACTIVITIES

a) Literary Activities (Debate / Elocution) :

b) Drama :

c) Music / Dance :

d) Hobbies : Cricket

e) NSS/ NCC :

f) Students extracurricular activities :

S.No	Activities	Details of Activities	Score	Remarks
1	Art, Handicraft		B	
2	Social, Service			
3	Citizenship Training			

4	Co-curricular Activities	cricket tournament.	A	baking.
5	Extra – Curricular Activities			
6	Sports Skills	cricket	A.	
7	Other Skills			

IV) PHYSICAL FACTORS

a) Had Attack of measles / chicken pox/ mumps small pox / typhoid No
b) Is often getting cold / fever yes, cold
c) Gets protected water at home Yes, RO water
d) Gets nutrition food at home yes (daily fruit) but less water intake.
e) General health (weak / normal health) low platelet count.

1. Height :   C.M   150cm
2. Weight :   K.G   38kg.
3. Eyes: Normal / Defective
4. Ear: Normal / Defective
5. Teeth :   Normal / Defective
6. Speech: stammering / phonetic defects / normal In between he will be thinking
7. Head : clean / dirty / infected
8. Skin : clean / dirty / infected   eyes acne and pimples.

f) Physical disabilities if any : No
g) Are height and weight normal for his age? : Yes
h) Any childhood diseases or accidents : No
i) Any fear reaction : No

v) PERSONALITY TRAITS

a. Sociability (withdrawn, shy, secretive, social, pushing, quarrelsome etc.) : He don't know how to express, feel he shy to talk.
b. emotion stability : Reserves, only few friends

(Repressed, tense, fussy, over-sensitive, listless, distractible, overactive, calm Impatient, balanced, etc.)

c. leadership   Good while playing

d. attitude to self
Inferiority, dependent, self – confident
(Frustrated, superiority etc.)

e. bad habits, if any
(Nail biting, Stuttering etc.)

f. personality traits

S.No.	Personality Components	score	remarks
1	physical fitness		–lean
2	physical work		–not involved
3	Briskness		–low in energy
4	Self confidence		– low
5	Bravery		– low
6	cooperation		– only in cricket
7	Integration		
8	Honesty		yes
9	Emotional stability		not expressive
10	Span of memory		short term
11	Imagination		always
12	Creativity		No
13	Intelligence		low
14	Ability to think		Always.
15	Problematic habits		always. thinking
16	Mention if any other than the above		

VI) SYMPTOMS OF MALADJUSTMENT:
(Identification, Regression, Introversion, Projection etc.)

1) Is any responsibility given to the pupil in the school? No

2) How far the pupil is successful in disposing responsibilities? Not so good.

3) What are the weaknesses found with the pupil?
Not expressive.
can't cry in sad situation

Problem of the student	diagnosis by trainee	advice and guidance given	result
I have observed that this student always prefer to sit alone and always faid to answer the question	I diagnosed the problems by observation made during the teaching learning process and assessing the performance of the students	- Gave him; • reinforcement during classes. • Exercise problems. • opportunities to solve problems on board / participate in activity • more worksheet • Taught him to maintain a checklist.	expected result could not be obtained but there was observable change in form of response in the classroom.

ABOUT THE SCHOOL.....

Name of the School: Vijaya Vittala Vidhyashala

Place : Saraswathipuram, Mysore
Karnataka - 570009

Type : Govt-aided Private School

Medium : English

Board : Karnataka State Board
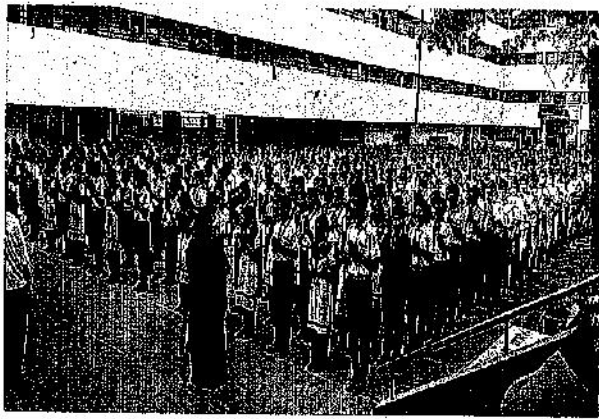
Vijaya Vittala Vidhyasha, an English medium co-educational school, situated at a serene locality was established in the year 1985. The school meets the persistent demands of the people in the locality catering to the all round development of the pupils.

Education is a notable instrument which moulds the future generations into responsible citizens and good human beings. The school upholds the mission to impart an ideal sense of culture, values and deep knowledge to our students, so that each one is looked upon as a role model by the present and following generations.

The school has class from LKG, UKG 1st to 10th where each class has approximately 30-35 students along with that the total number of teachers are 40. The classes are divided into four section from A, B, C, D.

Infrastructure of the School And Available facilities

The school consists of grades of L.K.G U.K.G and 1st to 10th consisting of Primary, middle and high school

The school has single building in L shape and has around 40 classroom for instructional activities

All the classroom are clean and have sufficient furniture for students with blackboard and a smartboard

All the classes from 1st to 10th have facilities of digital classes, supported by TATA class edge

The school has separate room for Head mistress and three different staff rooms at every floor

The school has small playground in front of the main building

The school has an open auditorium, activity room, yoga room, chess room

An excellent state of art infrastructure like library well equipped laboratory, multimedia theatre and digital classes are provided by the school.

It also conducts personality development programmes for teachers, parents and students.

AVAILABILITY OF FACILITES AND RESOURCES
CATERING TO CURRICULUM TRANSACTION

LIBRARY
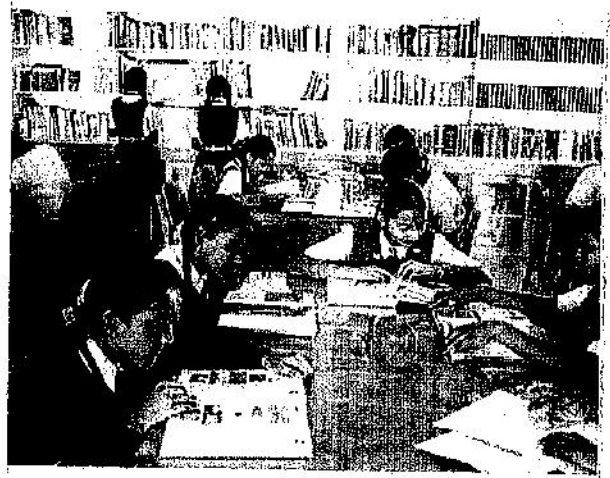
The school has a library with well furnished library houses and there are around more than 6000 books catering to all curricular and co-curricular subjects, also include value oriented books, moral stories and auto-biographies.
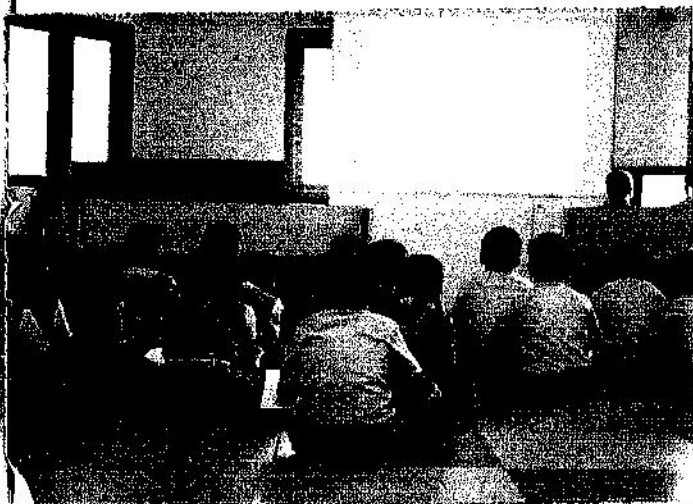
New books are added every year, many useful magazines, periodicals, science journals and newspaper are being subscribed

COMPUTER LABORATORY

Two well equipped computer laboratories cater the needs of students from class 1st to 10th

MULTIMEDIA THEATRE

An I.T room with multi media projector, camera, computers with internet connection, educational CDs, television set, with TATA Sky network, V.C.D player, green magnet boards, OHPs to the classes from VIth to Xth make the learning atmosphere more effective and interesting

SCIENCE LABORATORY
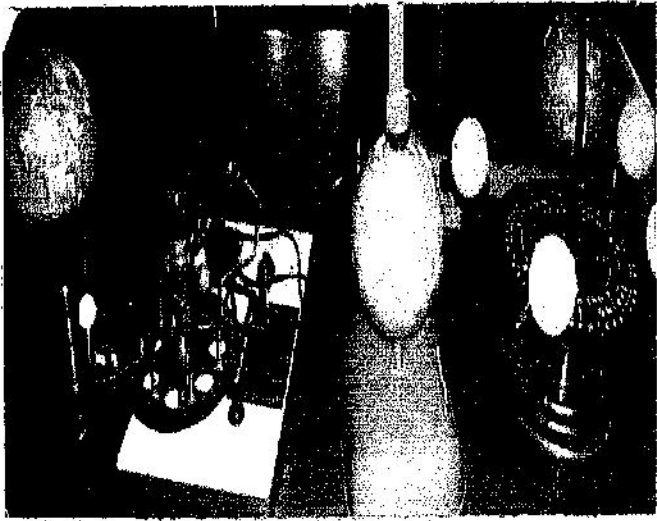
The school has 2 well equipped science laboratories The required facilities with all the necessary equipments to conduct experiments in any field of science.

Sophisticated microscopes, models, charts, maps, preserved biological specimens slides, samples of iron ore and minerals facilitate learning by providing hands on learning experience.