KENDRIYA VIDYALAYA YOL CANTT
SUMMATIVE ASSESSMENT-2 (SAMPLE PAPER)
SUBJECT: MATHEMATICS

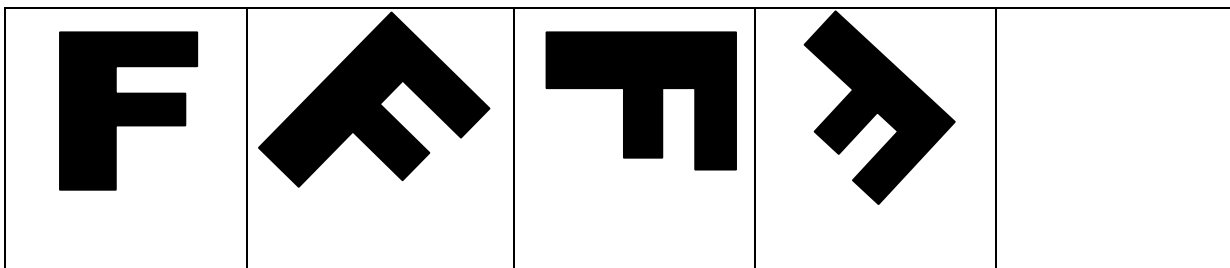**MM: 60**　　　　　　**CLASS: V**　　　　　　　　　　　　　**TIME: 2Hrs**

NAME OF THE STUDENT: _____

ROLL No: _____SECTION: _____ DATE: _____

SIGNATURE OF THE INVIGILATOR

COMPETENCIES	VALUE POINTS					TOTAL V.P.	GRADES
CONCEPT 1: KNOWLEDGE(15)	Q1 (1)	Q2 (1)	Q3 (1)	Q4 (1)	Q5 (1)		
	Q6 (2)	Q7 (2)	Q8 (2)	Q9 (2)	Q10 (2)		
CONCEPT 2: UNDERSTANDING(15)	Q11 (1)	Q12 (1)	Q13 (1)	Q14 (1)	Q15 (1)		
	Q16 (2)	Q17 (2)	Q18 (2)	Q19 (4)			
ABILITY TO COMPUTE(15)	Q20 (1)	Q21 (1)	Q22 (1)	Q24 (2)	Q25 (2)		
	Q26 (2)	Q27 (2)	Q28 (4)				
PROBLEM SOLVING ABILITY(15)	Q29 (1)	Q30 (1)	Q31 (1)	Q32 (2)	Q33 (2)		
	Q34 (2)	Q35 (2)	Q36 (4)				
TOTAL(60)							

EDGE

Q1. Observe the given pattern and fill the blank space.

Q2. 280.38 X 100= [   ]

Q3 A match box measures 5 cm X 3 cm X 2 cm. Find its volume.

 (i) 12   (ii) 30   (iii) 45

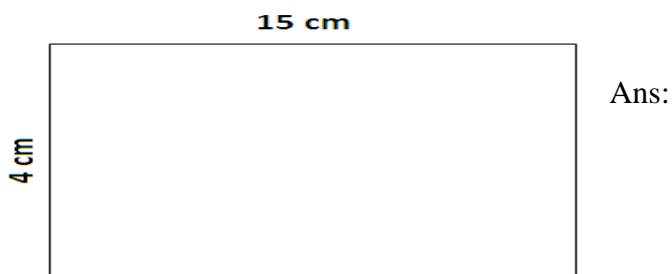Q4.Number of faces in a Cuboid (box) is;

  (i) 9   (ii) 6   (iii) 12

Q5. Which one of these is equal to 2.5?
   i) 25/100   ii) 25/10   iii) 25/5

Q6. Find the area and perimeter of the following rectangle:

15 cm

4 cm

Ans:

Q7. Divide 438 by 9 and check the result by multiplication.
Ans.

Q8. If one 5 rupee coin weighs 9 grams, how many coins are there in a sack of 5 rupee coins if it weighs 18 kg?
Ans:

Q9. If Soha's heart beats 72 times a minute. How many times will it beat in one hour?
Ans:

10. If the costs of books are rupees 95.00 then find the cost of 5 books.

Ans:

CONCEPT 2: UNDERSTANDING

Tick the correct option:

11. Which one of these is the only even prime number?
    a) 1 ii) 5 iii) 2

12. Which of the following is completely divisible by 3?
    a) 3213 ii) 254 iii) 326

13. Which one of these could be the length and breadth of your mathematics note book?

    a) 18 m × 11 m   b) 18 cm × 11 cm   iii) 18 × 11 km

14.

×	60	5	
30			
2			

km

Guess the secret number:

- It is larger than half of 100.
- It is more than 6 tens and less than 7 tens.
- The tens digit is one more than the ones digit.
- Together the digits have a sum of 11.
- The number is ……………………………... .

15. Multiply 65 × 32 by tabular method:
    Ans:

16.

State	Salary for one day
Haryana	Rs 135
Rajasshan	Rs 73
Madhya Pradesh	Rs 97
Orissa	Rs 75

The table shows the amount fixed by four states .Answer the following questions:-

a) For farm work which state has fixed the highest amount?

Ans:-

b) Bhairon Singh is a worker in Rajasthan. If he works for 10 days on the farm, how much will he earn?

   Ans:-

c) Neelam is a worker in Haryana. If she works for 2 months on the farm, how much will she earn?

   Ans:-

d) For farm work which state has fixed the lowest amount?

   Ans:-

17. Convert the following fractions to decimals;

   a) $\dfrac{2}{10}$ b) $\dfrac{625}{100}$

Ans:

Animals	Number	Tally Marks
Cats	24	
Dogs	32	
Rabbits	10	
Cows	22	
Parrots	8	
Goats	20	
Squirrel	15	

18. Which one has a bigger area?

A rectangle with length 15 cm and breadth 12 cm or a square with each side 15 cm?

Ans:

19. Write the tally marks for the given number of children of a class who like the animals in the given table:

ABILITY TO COMPUTE

Tick the correct options:

20. Which one of these $2\frac{1}{4}$ represents

(i) 11/4   (ii) 9/4   (iii) 4/9

21. Which one of these is a decimal form of the fraction 2/100?

i) 0.2   ii) 2   iii) 0.02

22. Which one of these may be the weight of your eraser?

i) 5 grams   ii) 5 Kilograms   iii) 5 Kilometres

23. Measure the length and width of the note:-

Length:- ………..cm , Width:- …………cm

24. 1 litre =_____ ml; 2.5 litres = _____ ml

25. Divide the following:

$$\frac{2}{5} \div \frac{16}{30} =$$

26. Change the following fractions into decimals:

(a) $\frac{2}{5}$　　　　　　(b) $\frac{3}{4}$

Ans:　　　　　　　Ans:

27. Given below are the temperatures of different places in degree centigrade at 3pm and 3am on the same day. Observe the table and answer the given questions:

CITY	TEMPERATURES(°C) at 3pm	TEMPERATURE(°C) at 3am
Chennai	29.9	21.1
Mumbai	35.1	19.0
Kolkata	26.6	13.1
Bhopal	25.9	9.8
Guwahati	24.8	12.8
Jaipur	23.2	10.2

a) What is the difference between the temperatures at 3pm and 3am in Chennai?

Ans:

b) How many degrees will the temperature need to rise for it to reach $40°$ in Chennai at 3pm?

Ans:

c) What is the difference of temperature of Chennai an Kolkata at 3 am?

Ans:

d) Which place had the highest temperature at 3pm? Which place is the coolest at that time?

Ans:

PROBLEM SOLVING ABILITY

28. The cost of a pen is Rs. 25.75. Find the cost of 6 such pens is:
      a) 122   b) 154.5   c) 125.75
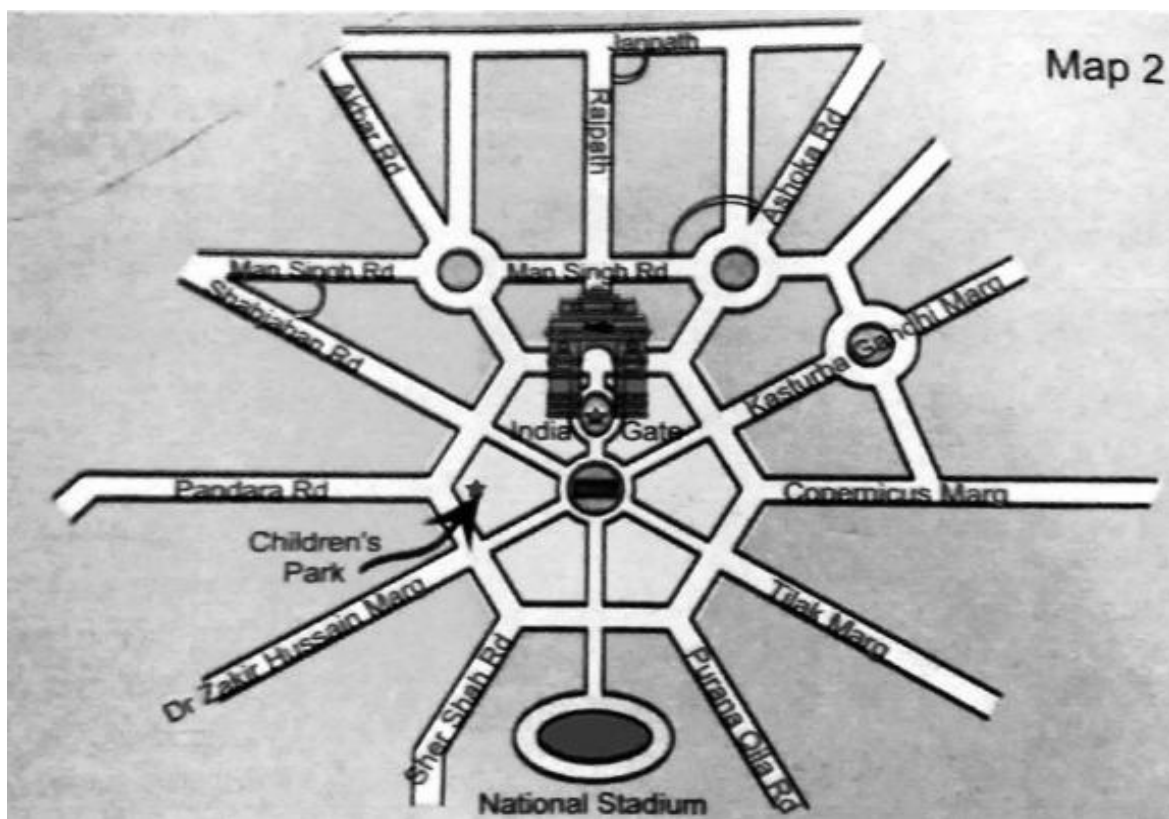
29. The corners of a cube is

    a) 6   b) 8   c) 12

30. The number of sides in a pentagon has:

    a) Rs. 2   b) Rs. 7   c) Rs. 5

31. Observe the given map and answer the following questions:

a) If you are walking on Rajpath then after India Gate on which side would Children's park be?

Ans:

b) Which of the given pairs of road cut at right angles?
    i)   Janpath and Rajpath
    ii)   Ashoka Road and Mansingh Road
    iii)   Mansingh Road and Shahjahan Road

Ans:

32. Sameer went to a shop with a 100 Rupee note in his pocket. He bought chocolates for Rs.25.50 and note-books for Rs. 37.85. How much money did he spend in all? How much money is still left with him?

Ans:

33. Sohan drinks 8 glasses of water every day. How many glasses will he drinks in one month?

Ans:

34. Which will hold more water?
    A cuboidal vessel with length 50 cm, breadth 35 cm and height 20 cm
                              Or
    A cubical vessel with all sides 32 cm.

Ans:

35. Draw the shape of Cuboid and cone: