PAPER PATTERN CLASS - V
MATHEMATICS

SECTION - A (Objective) (40 – Marks)

Question #	Questions	Marks	Unit #
1 (a)	MCQs	20x1=20	All Review Exercises
(b)	Do as directed (10 Questions)	10x2=20	1 to 9

SECTION - B (Subjective) (40 – Marks)

Question #	Questions	Marks	Unit #
2	8 out of 12 parts	8x5=40	1-6

SECTION - C (20 – Marks)

Question #	Questions	Marks	Unit #
3	Compulsory (graph)	5	9 (graph)
4-8	3 out of 5	3x5=15	7,8,9 Definitions: (straight angle, adjacent angles, complementary angles, supplementary angles, reflex angles, types of triangles, right angled triangle, acute angled triangle, obtuse angled triangle, square, rectangle, parallelogram, rhombus, kite, trapezium). (steps of construction are not included)

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MODEL PAPER CLASS - V

MATHEMATICS

Note: The paper consists of three parts. Part-1 needs to be done on the question paper, Cutting, erasing and overwriting is not allowed. Part –ll and part-lll to be done on the answer sheets.

Time allowed: 01.00 hour

SECTION - A (Objective) (40 – Marks)

Q-1. A Encircle the best answer in the following: (20)

i.   The next term in the pattern 780,880 and 980 is;
    a. 980   b. 1080   c. 1070   d. 680

ii.   4.732 up to two decimal places will be;
    a. 4.8   b. 4.78   c. 4.7   d. 4.73

iii.   The LCM of two or more prime numbers is always equal to their ---------
    a. Prime factor   b. Quotient   c. LCM   d. product

iv. $3.211 + 89.02 =$
    a. 5.071   b. 92.231   c. 3.071   d. 2.683

v. $\frac{35}{100} =$ --------
    a. 0.35   b. 3.5   c. 0.57   d. 35

vi.   Complement of 20° is:
    a. 160   b. 70   c. 40   d. 80

vii. $2.43 \times 100 =$ ----------
    a. 243   b. 24300   c. 0.0243   d. 24.3

viii.   The prime factorization of 16 is:
    a. 2x8   b. 1x16   c. 2x2x2x2   d. 2x4x2

ix.   The product of $\frac{3}{4}$ and $\frac{4}{3}$ is:
    a. 1000   b. 10   c. 1   d. 111

x. $\frac{1}{3} + \frac{2}{5} =$ -------
    a. $\frac{3}{5}$ b. $\frac{11}{15}$ c. $\frac{3}{8}$ d. $\frac{2}{15}$

xi.   In a bar graph the ------- of each bar should be the same:
    a. Length   b. Height   c. Depth   d. Width

xii.   The formula to find the perimeter of the square is:
    a. 4+L   b. 4-L   c. 4L   d. L÷4

xiii. The price of a book is Rs. 250, the price of 5 books will be Rs. --------
     a. 50   b. 1000   c. 1250   d. 2500

xiv. There are ------- months in $\frac{1}{2}$ year.
     a. 6   b. 12   c. 9   d. 5

xv. There are ------ meters in 2 kilometers.
     a. 500   b. 1000   c. 200   d. 2000

xvi. The price of 11 carpets is Rs. 35,805. The price of one carpet will be;
     a. 3855   b. 3055   c. 2355   d. 3255

xvii. The sum of two right angles is equal to:
     a. Reflex angle   b. Straight angle   c. Acute angle   d. Obtuse angle

xviii. The place value of 2 in the number 6985621 is:
     a. 2   b. 20   c. 200   d. 2000

xix. When we multiply a number by --------- we put 3 zero to its right end.
     a. 10   b. 100   c. 1000   d. 1

xx. 20 % of 540 is:
     a. 37   b. 108   c. 27   d. 270

B. Do as directed: (20)

(i) Write the following number in expanded form; 4 949 181: _____

(ii) Find HCF of 25 and 75 by division method. _____

(iii) Solve $\frac{5}{6}$ x 9 _____

(iv) Solve 3.54 x 100 _____

(v) Convert the following into decimal: $\frac{69}{30}$ _____

(vi) Convert 67 m into cm. _____

(vii) Construct an angle of 155° using protractor. _____

(viii) Find average of following: 12 Kg, 16Kg, 26 Kg, 42 Kg. _____

(ix) Solve the following: 210000 ÷ 100 _____

(x) Draw the square of following length: 4 cm _____

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MODEL PAPER CLASS - V

MATHEMATICS

SECTION - B (Subjective) (40 – Marks)

Time allowed: 2:00 hours

Q- 2. Attempt any eight questions. All questions carry equal marks.   (8x5=40)

i.   Write the following number in words: 9 871 653

ii.   Solve : 1092 x 981

iii.   Find HCF of 12, 24, and 36 by prime factorization method.

iv.   Solve the following: $\dfrac{24}{6} + \dfrac{31}{12} + \dfrac{43}{24}$

v.   The price of a liter of petrol is Rs. 103.8. What will be the price of 35 litres of petrol?

vi.   Solve the following: 33 years 8 months + 40 years 11 months.

vii.   The price of 10 mobile phones is Rs. 348290. What will be the price of 29 mobile phones of same model?

viii.   Saad ran 5.13 Km on first day and 2.33 Km on the second day. Find the total distance he covered in both days.

ix.   Find the minimum length of the ribbon which can be completely cut into pieces of length 45 cm, 75 cm and 85 cm without any leftover?

x.   Divide the following: $\dfrac{5}{60} \div \dfrac{7}{20}$

xi.   The park near Fizza's house is 2 km 117 m long and the path near Maheen's house is 3 km 214 m long. What is the difference between the length of the two paths in meters?

xii.   The price of one geometry box is RS. 76. Find the price of 26 geometry boxes.
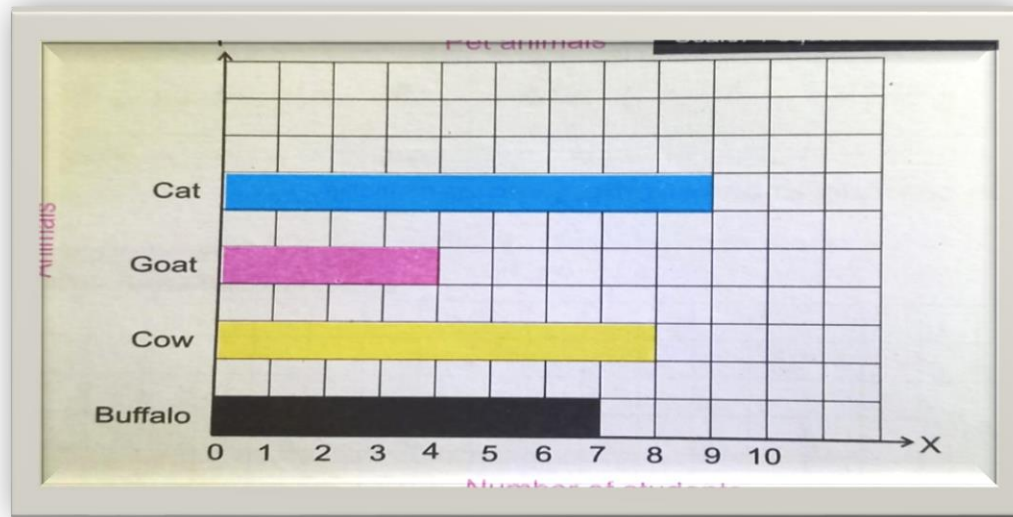
MATHEMATICS
SECTION - C (20 – Marks)

Note: Attempt any four (4) questions. Question 3 is compulsory.
All questions carry equal marks. (4x5=20)

Q.3 Observe the graph carefully and answer the given question.

a. How many students have a cat as a pet?

b. How many students have a goat as a pet?

c. Which is the most popular pet?

d. In total how many students have a pet at home?

e. If total number of students in class is 35, find how many students do not have any pet at home?

Q.4 Saad has 16 pencils, Amna has 20, Sara has 15 and Ahmad has 9. Find the average number of pencils the students have.

Q.5 Draw a triangle LMN in which< L= 60˚, < M= 30˚, LM=5.5 cm

Q.6 Draw and define the following (any two)
(i) Right angled triangle (ii) Supplementary angle. (iii) Rhombus

Q.7 Children are playing in a square shaped playground, if the length of the playground is 12 m, find its perimeter.

Q.8 A rectangular shaped ground has a length of 122 m and width 108 m. Find the area of the ground.

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