



ANGEL'S PUBLIC SCHOOL

HALF YEARLY EXAMINATION

(SAMPLE PAPER)

SESSION 2026 – 27
SUBJECT : MATHEMATICS

TIME : 03 HRS

GRADE – V

M.M:80

SECTION – A

1. Choose the correct option.

(12x1=12)

(a) Consider the number 'Four crore sixty - three hundred fifty - seven'. The greatest number formed by rearranging the digits of this number is ____.

(i) 76543300

(ii) 46300357

(iii) 70654330

(iv) 76300354

(b) Dividend = Divisor $\times$ ____ + Remainder. This is called division algorithm.

(i) Quotient

(ii) Division

(iii) Dividend

(iv) Remainder

(c) What fraction of a year is 5 months?

(i) $\frac{1}{2}$

(ii) $\frac{1}{5}$

(iii) $\frac{5}{7}$

(iv) $\frac{5}{12}$

(d) A square is a parallelogram in which all sides are equal in length and each angle measures ____.

(i) 90°

(ii) 45°

(iii) 189°

(iv) 3°

(e) How many lakhs make 10 million?

(i) 50

(ii) 100

(iii) 1000

(iv) 200

(f) Which one of the following statements is true?

(i) A rectangle is a parallelogram

(ii) A rhombus is a square

(iii) A trapezium is a parallelogram

(iv) A square is a trapezium

(g) If the product of 2 fractions is _____, then one fraction is called the reciprocal of the other fraction.

(i) 0

(ii) 1

(iii) 2

(iv) 3

(h) The face value of 9 in 923408 is ____.

(i) 9

(ii) 90000

(iii) 900000

(iv) 90

(i) The predecessor of 91,81,87,999 is ____.

(i) 91,81879910

(ii) 918187990

(iii) 918188000

(iv) 918187998

(j) $\frac{43}{21}$ is a/an ____ fraction.

(i) proper

(ii) improper

(iii) mixed

(iv) unit

(k) **Assertion (A):** The corner of a book is a right angle.

Reason (R): A right angle measures 90° .

(i) Both A and R are true, and R is the correct explanation of A.

(ii) Both A and R are true, but R is not the correct explanation of A.

(iii) A is true, but R is false.

(iv) A is false, but R is true. ____

(I) **Assertion (A):** The fraction $\frac{5}{5}$ equal to 1 whole.

Reason (R): When numerator = denominator, the fraction makes 1 whole.

- (i) Both A and R are true, and R is the correct explanation of A.
- (ii) Both A and R are true, but R is not the correct explanation of A.
- (iii) A is true, but R is false.
- (iv) A is false, but R is true.

SECTION – B

2. Fill in the blanks. (Attempt any 10)

(10x2=20)

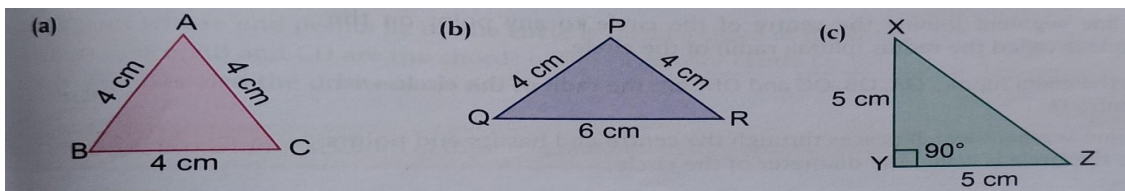
- (a) The numeral value of DCCLXII in Hindu -Arabic numerals is ____.
- (b) $0 \div 99999 =$ ____.
- (c) $2\frac{1}{8}$ ____ $2\frac{1}{6}$: Compare the fractions and put the sign of >, < or =
- (d) An angle that measures 180° is called a /an ____ angle.
- (e) $5\frac{6}{7}$ in improper fraction is ____.
- (f) One hundred five million four thousand nine hundred ninety -nine in figures is ____.
- (g) To divide a number by a fraction, we ____ the number by the reciprocal of the other fraction.
- (h) $1745678 \div 1000$ gives Quotient ____ and Remainder ____.
- (i) $\frac{46}{13}$ in a mixed fraction can be written as ____.
- (j) ____ is the largest possible number which results in 230 when it is rounded off to the nearest tens.
- (k) There is no symbol for ____ in Roman Numerals.
- (l) Intersecting lines meet at ____.

SECTION – C

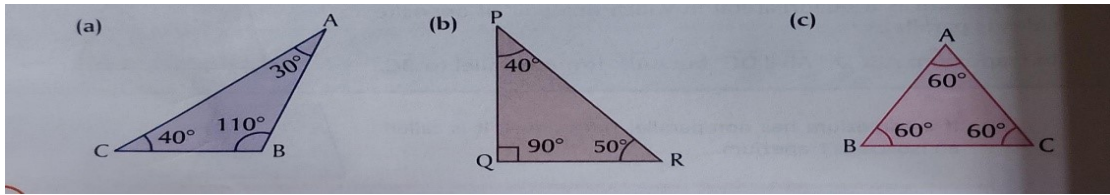
3. Solve the questions. (Attempt any 6)

(6x4=24)

- (a) The total cost of 216 shirts is ₹3 35 232. Find the cost of one shirt.
- (b) Divide the fraction : $\frac{18}{16} \div 12$
- (c) Solve: $1\frac{1}{4} \times \frac{2}{5} \times \frac{4}{5}$
- (d) Round off 578463 to the nearest tens, hundreds and thousands.
- (e) Find a number which when divided by 35 gives the quotient 22 and remainder 14.
- (f) (i) Classify the given triangles according to the lengths of their sides.



(ii) Classify the given triangles according to their angles.



(g) The weight of two books together is $3\frac{1}{4}$ kg. If the weight of one book is $1\frac{2}{5}$ kg, find the weight of the other book.

(h) Draw an angle of 60° using a protractor. Also, name the angle correctly.

SECTION – D

4. Solve the questions. (Attempt any three)

(3x6=18)

(a) $42135 \div 533$, Divide and check your answer.

(b) Rewrite the given numbers in Indian Number System and in international Numbers system.

(i) 67210200 (ii) 149531030

(c) Simplify : $90 - 7 \times 8 + 8 \div 2$ (using DMAS rule)

(d) $3\frac{2}{3} + \frac{2}{3} + 1\frac{1}{4}$ Add the fractions.

(e) Using the compass and a ruler, construct a circle with radius 6.2 cm.

5. Case based Question.

(6x1=6)



160 people were surveyed after the first day first show of a new movie by a youtuber .The survey is recorded on the basis of positive and negative comments of people as shown below:

Must watch : $\frac{3}{5}$

Entertaining: $\frac{1}{4}$

Waste of time : $\frac{1}{10}$

Boring : $\frac{1}{20}$

Questions

(a) How many people responded must watch?

(2)

(b) How many people responded as boring?

(2)

(c) What fraction of people gave a positive response?

(2)