K.P.C. PUBLIC SCHOOL, KHARGHAR
ASSESSMENT II - 2023-24
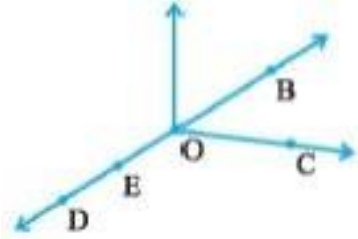
GRADE :-VI
SUBJECT :- MATHS
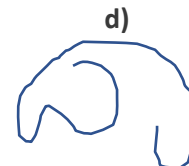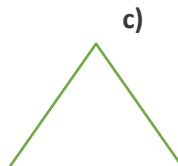
MARKS:-100
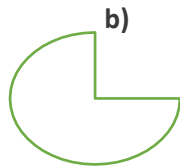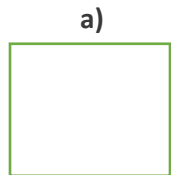**TIME:- 3Hrs.**

Section A

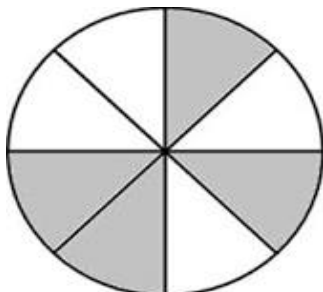**This sections comprises of multiple choice question (MCQS)**
(1x30=30)

1) How many points does the given figure has?

a) 5   b) 4   c) 3   d) 6

2) 2 subtracted from 7 gives

a) -9   b) 5   c) -5   d) 9

3) The succeeding number of number 0 is

a) -1   b) 0   c) 1   d) 11

4) 12 x 6 + 12 x 4 is

a) 102   b) 120   c) 115   d) 121

5) Which of the following is an open curve?

     a)   b)   c)   d)

6) Express mixed fraction $2\frac{3}{4}$ as an improper fraction

a) $\frac{11}{4}$ b) $\frac{4}{11}$ c) $\frac{9}{11}$ d) $\frac{7}{11}$

7) The HCF of 8 and 12 is

a)1   b)2   c)3   d) 4

8) Which of the following number is not to the left of -10 on the number line?

a) -9   b) -11   c) -12   d) -13

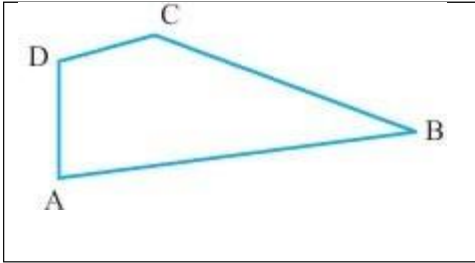**9) Write the fraction representing the unshaded part**

a) $\frac{5}{8}$ ___   b) $\frac{8}{5}$ c) $\frac{4}{8}$ d) $\frac{8}{4}$

10) The line segment forming a polygon are called _____

   a) vertex   b)side   c) angle   d) curve

11) How many vertices are there in the following figure?

a)4   b) 3   c) 2   d)1

12) Apala typed 50 pages of a book containing 100 pages. Meenu typed 25 pages of the same book. Who typed more fraction of pages of the book?

a) Apala   b) Meenu   c) Neither a and b   d) cannot say

13) Sum of -38 and -15 is

   a) 53   b) -18   c) -53   d) 18

14) Insert comma suitably in 98653247 by using International system

   a) 98,653,247   b) 98,65,32,47   c) 9,86,53,247   d) 986,53,247

15) . $\frac{2}{8} + \frac{2}{8} + \frac{2}{8} + \frac{2}{8} =$

   a) 1   b) 2   c) 4   d) 8

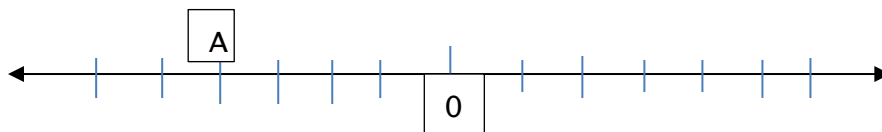**16) The integers is 4 is more than -5 is _____**

   a) 1   b) 9   c) -1   d) none of these

17) Value of (-6) + (-15) + 10 is

   a) 11   b) -11   c) 31   d) -31

18) . Which number is being represented by the point A on following number line?

   a) +4   b) -4   c)-5   d)-9

19) $\frac{3}{9}$ means

   a) 9 part out of 3   b) 1 part out of 9   c) 3 part out of 9   d) none of these

20) 0 is a _____

   a) positive integer   b) negative integer

   c) neither positive nor negative   d) none of these

21) . Equivalent fraction of $\frac{3}{5}$ with numerator 9 is

a) $\frac{9}{15}$ b) $\frac{15}{9}$ c) $\frac{12}{9}$ d) $\frac{9}{12}$

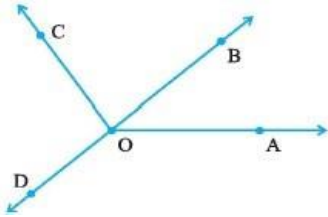**22) How many pairs of adjacent sides are there in a quadrilateral?**

    a) 1   b) 2   c) 3   d) 4

23) How many rays the following figure has

  a)4   b) 5   c) 2   d) none of these

24) which appropriate sign will come in between (-4)-(-7)_____(-4)+ (-7)
    a) >   B) <   C) =   D) none of these
25) Number of whole numbers lying between -6 and 6 is
    a) 10   b) 1   c) 2   d) 11
26) Sum of 137 and -354 is
    a) -217   b) +217   c) +591   d) -591
27) Which is greatest and smallest 4-digit number.
    a) 10000,9999   b) 1000,99999   c) 9999,1000   d) 9999,10000
28) What do you call fraction with different denominators?
    a) Like fraction   b) unlike fraction   c) proper fraction   d)improper fraction
29) Raju scores 9 marks in maths test. If the maximum marks of the test is 25, how is Raju's score represented as fraction ?
    a) $\frac{1}{25}$ b) $\frac{16}{25}$ c) $\frac{9}{25}$ d) $\frac{25}{25}$
30) Angle less than 90° is _____
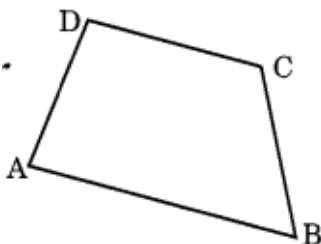 a) right angle   b) obtuse angle   c) acute angle   d) straight angle

Section B

This section comprises with very short answer type questions.   **(2x10=20)**

31) Name the angles in the given figure .

32) Find the product 5645 × 104 using distributive property.
33) Express the following as mixed fraction
    a) $\frac{17}{7}$ b) $\frac{19}{6}$

34) Using the number line write the integer which is:
  a) 3 more than 4   b) 7 less than 2

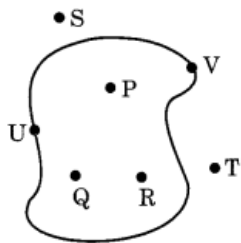**35) Find the sum of $\frac{7}{11}$, $\frac{5}{11}$ .and $\frac{9}{11}$**

36) Find the value of 493 x 9 + 493 x 2 using suitable property.

37) Add the following integer using number line
  a) 9 +(-11)   b) (-3) + (-7)

38) Write $\frac{1}{5}, \frac{11}{5}, \frac{4}{5}, \frac{3}{5}, \frac{7}{5}$ in ascending and also in descending order.

39) Identify the points which are in the interior , exterior and on the figure.

40) . Draw number line and locate the points $\frac{1}{5}, \frac{5}{5}, \frac{7}{5}, \frac{4}{5}$
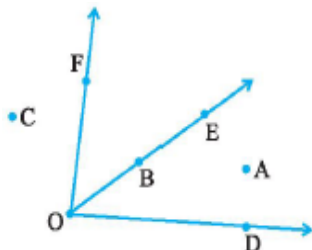

Section C

This section comprises of short answer type questions.   (3x6=18)

41) In the given diagram name the points

a) In the interior of ∟DOE
b) In the exterior of ∟EOF
c) On ∟EOF

42) Draw a number line and answer the following :
(a) Which number will we reach if we move 4 numbers to the right of – 2.
(b) Which number will we reach if we move 5 numbers to the left of 1.
(c) If we are at – 8 on the number line, in which direction should we move to reach – 13?

43) Find the sum of $\frac{2}{3} + \frac{3}{4} + \frac{1}{2}$

44) Solve and fill in the blanks with >, < or = sign
a) (-25) – (-42) _____(-42) – (-25)
b) (-21) – (-10) _____(-31)+ (-31)
c) (-3) + (-6) _____(-3) – (-6)

45) Following is the list of temperatures of six places in India, on a particular day of the year.
a) Write the temperature of places given in above table in the form of integers in the blank column.

Place	Temperature	Temperature in Integer
Ladakh	11° C below 0°C	
Shimla	2°C below 0° C	
Ahmedabad	30° C above 0° C	

Delhi	20° C above 0° C	
Srinagar	5° C below 0° C	
Mumbai	37° C above 0° C	

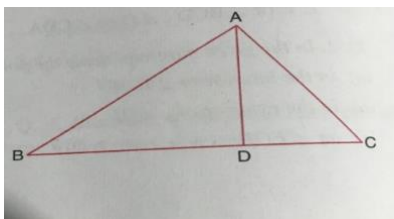**46) . Find the LCM of 18,24, and 32**

<p align="center">**Section D**</p>

This section comprises of long answer type questions.   **(5 x4=20)**

47) Consider the given figure and answer the questions.

a) Identify three triangles in the figure.

b) Write the name of any two   angles in the figure.

c) Write the name of any three line segments in the figure.

d) Which two triangles have ∟B as common.

48) Find equivalent fraction of $\frac{3}{5}$ having

a) Denominator 30

b) Numerator 12

c) Denominator 45

d) Numerator 24

e) denominator 25

49) Arrange the given fraction in ascending order.

$$\frac{4}{5}, \frac{3}{4}, \frac{1}{3}, \frac{7}{5}$$

50) . 50 chairs and 30 tables were purchased for a office. If each chair costs Rs. 176 and a tables costs Rs. 545, find the total amount of the bill.

<p align="center">**Section E**</p>

This section comprises with case study type questions.   **(4x3=12)**

51) The population of Mumbai in 2018 was 19072564

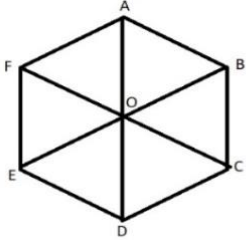**and it increased to 25704625 in 2022.**   **(1+1+1+1=4)**

a) Write the population of 2022 in words according to Indian numeration system.

b) The successor of 19072564 is_____.

c) What is the place value of 9 in 19072564?

d) Write the population of 2018 in words according to international system of numeration.

52) In a class A of total 25 students 20 passed with 60% marks; in class B of total 30 students 24 passed with 60%and in class C of total35 students 28 passed with 60%. **(3+1=4)**

a) Calculate in which class was a greater fraction of students getting 60%?

b) Find out the sum of simplest form of the fractions.

53) Look at the given figure and answer the following. **(1+1+1+1=4)**

a) Give a name of any two sides of the polygon ABCDEF

b) Name any two pair of adjacent side.

c) Name the line segments which intersects each other at point o.

d) Name all the diagonals given in polygon ABCDEF.