KENDRIYA VIDYALAYA NDA PUNE-23
HALF YEARLY EXAMINATION (2018-2019)

CLASS VI   **SUBJECT : MATHEMATICS**

MARKS : 80   **TIME : $2\frac{1}{2}$ Hours**

General Instructions:

i) All questions are compulsory.

ii) Question paper is divided into 4 sections.

iii) Section A contains 6 questions of 1 mark each.

iv) Section B contains 6 questions of 2 marks each.

v) Section C contains 10 questions of 3 marks each.

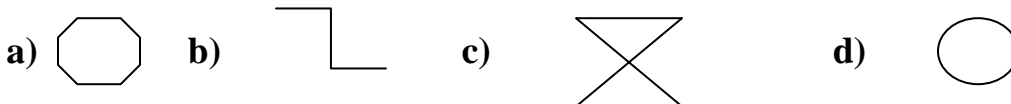**vi) Section D contains 8 questions of 4 marks each.**

SECTION A

Q1. **Write the number name of 8542614 in Indian system of numeration.**
Q2. **What is the smallest whole number?**
Q3. **What is the measure of a straight angle ?**
Q4. **Find the common factors of 24 & 32.**
Q5. **Write the opposite of : 'Increase in height'.**
Q6. **Reduce $\frac{250}{400}$ in simplest form.**

SECTION B

Q7. **Find the estimate value of 838×125 by rounding off to**
     (i) the nearest hundreds (ii) the nearest tens
Q8. **Write the four whole numbers occurring just before 59000.**

Q9. **Classify the following curves as (i) simple (ii) not simple**

  a)   **b)**   **c)**   **d)**

Q10. **Find the number of right angles turned through by the hour hand of a clock when it goes from (i) 2 to 8 (ii) 12 to 9.**
Q11. **Write two equivalent fractions of $\frac{2}{3}$.**

Q12. Write all integers between   -5 and 4

Q13. Find the difference between the greatest and the least number that can be written using the digits 3,9,4,2,8.

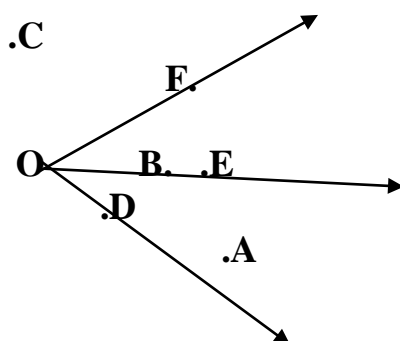**Q14.** Find the product by suitable property: 919×103.

Q15. Using divisibility tests, determine whether the number 12159 is divisible
   (i) by **3** ;   (ii) by **9** ;   (iii)   by **11.**

Q16. In the given diagram, name the point(s)
   (a) In the interior of $\angle DOB$
   (b) In the exterior of $\angle EOF$
   (c) On $\angle EOF$

Q17. Draw a quadrilateral ABCD and write
   i) One pair of adjacent sides
   ii) One pair of opposite angles.
   iii) One pair of opposite sides.

Q18. Name the triangle with   (i) three sides of equal length
                  (ii) one right angle
                  (iii) two sides of equal length

Q19. Find   i) (-3) - (-4) - (-10)
         ii) (-30) + (-15) + (-80)

Q20. i) Which number will we reach if we move 4 numbers to the right of -3.
   ii) Fill in the blank with the correct integer :   (-8) +   -------- = 0
   iii) Represent as integer ' A deposit of Rs.100'

Q21. Write $\dfrac{1}{5}, \dfrac{11}{5}, \dfrac{4}{5}, \dfrac{3}{5}, \dfrac{7}{5}, \dfrac{6}{5}$ in ascending order and descending order.

Q22. Find the sum : $4\dfrac{2}{3} + 3\dfrac{1}{2}$

SECTION D

Q23. The distance between the school and the house of Kirti is 1km and 875m. Everyday she walks both ways. Find the total distance covered by her in six days.

Q24. Find the value using suitable rearrangement:

i) $2 \times 398 \times 50$ ii) $527 \times 98 + 527 \times 2$

Q25. Find the HCF of 18, 54, 81.

Q26. Find the smallest 4- digit number which is divisible by 18, 24 and 32.

Q27. Draw any circle and mark i) centre ii) diameter iii) a segment
iv) a sector.

Q28. What shape is a match box? Write the number of faces, number of edges and number of vertices.

Q29. Using the umber line write the integer which is :
(i) 5 more than -5   (ii) 9 less than 4

Q30. A piece of wire $\dfrac{7}{8}$ m long broke into two pieces. One piece is $\dfrac{1}{4}$ m long. How long is the other piece?