

Regd. No. |

M - 38

STATE COMMON EXAMINATION BOARD - MAHABUBNAGAR
DISTRICT SUMMATIVE ASSESSMENT - I - 2021 - 2022

MATHEMATICS

(English Medium)

PART - A & B

(Max. Marks : 80)

[Time : 2:45 Hrs.

Class : VI]

Instructions :

- 1) In the time duration of 2 hours 45 minutes, 15 minutes of time is allotted to read and understand the question paper.**
- 2) Answer the questions under Part - A on a separate answer booklet.**
- 3) Write the answers to the questions under Part - B on the question paper itself and attach it to the answer booklet of Part - A.**

Marks : 70]

PART - A

[Time : 2:00 Hrs.

SECTION - I

Note : i) Solve ALL the problems.

ii) Each problem carries 2 marks.

7 x 2 = 14

- 1. Write the number formed by adding 1 to the greatest 4 - digit number.**
- 2. Write a letter in English Alphabets which denotes a closed curve.**
- 3. If diameter of a circle is 14 cm, then find radius of the circle.**
- 4. Write the short form of $7000 + 800 + 5$.**
- 5. Abhigna started that "the number 12,345 is divisible by 3 and 5". Do you agree with Abhigna ? Why ?**
- 6. Write $-5, 7, -11, 3$ in descending order.**
- 7. Vivek argue that "the commutative property under addition is true in the set of whole numbers since $5 + 7 = 7 + 5 = 12$ ". Is it true ? Give the reason.**

[Turn Over

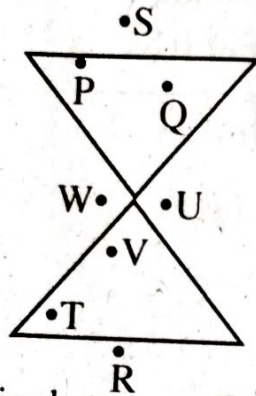
SECTION - II

Note : i) Solve ALL the problems.

ii) Each problem carries 4 marks.

6 x 4 = 24

8. In a mandal, in the special drive of "Haritha Haram" programme the no. of plants planted in 3 days are 4,509; 3,816 and 3,709 respectively. Find the total no. of plants planted in three days.
9. Find H.C.F (or G.C.D) of 25 and 60 in division method.
10. "Every number which is divisible by 3 is also divisible by 9". Is it true ? Give the reason.
11. In the following rough diagram, write the interior points and exterior points.



12. Swetha says that "- 1 lies between - 2 and 0". Do you agree with Swetha ? Why ?
13. " $\frac{1}{4}, \frac{1}{5}, \frac{1}{6}, \frac{1}{7}$ are in descending order". Is it true ? Give the reason.

SECTION - III

Note :- i) Solve ALL the problems.

ii) In this section every problem has internal choice.

iii) Each problem carries 8 marks.

4 x 8 = 32

14. A) In the second phase of Covid - 19, the average of corona cases per day in the month of May in Telangana state are 7, 351. Find the total number of Corona cases in the month of May.

(Or)

Write all possible 4 - digit numbers formed by the digits 8, 3, 0, 9. Also find the difference between the greatest and smallest of these 4 - digit numbers.

15. A) Three drums contain 12 litres, 72 litres and 24 litres of oil. What biggest (greatest) measure of vessel can measure all the different quantities exactly ?

(Or)

- B) Let A, B, C and D are collinear. If $AD = 60$ cm., $AB = 27$ cm., $CD = 15$ cm. then find the length of \overline{BC} .

16. A) Find the H.C.F of the angles made by the hours hand minutes hand at 3 O'clock and 6 O'clock in the wall clock.

(Or)

- B) Rajesh read $\frac{1}{4}$ part of a book of 100 pages and Raghava read $\frac{2}{5}$ part of the same book. Who read more pages ? How many more pages ?

17. A) Represent the following on number line

(i) $5 + 4$

(ii) $7 - 3$

(Or)

- B) Draw the following shapes.

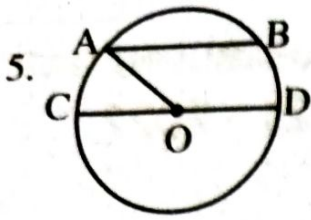
(i) Ray

(ii) Straight line

(iii) Angle

(iv) Circle





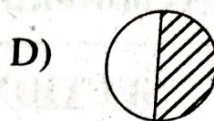
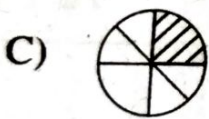
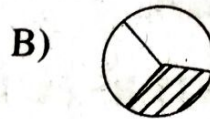
In this figure \overline{OA} is called

- A) Diameter
- B) Radius
- C) Chord
- D) Secant

6. Sudheer has climbed 13 steps of a staircase of a floor and has come down 5 steps. How many steps has he climbed?

- A) 18
- B) 8
- C) 13
- D) 5

7. Which of the following figure represents $\frac{1}{3}$



8. • A

• B • C

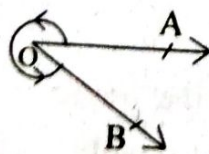
How many line segments formed by joining the points A, B, C in the given figure

- A) 3
- B) 4
- C) 2
- D) 5

9. Which of the following number has more factors

- A) 16
- B) 15
- C) 12
- D) 9

10. In the given figure. $\angle AOB$ indicates



- A) Obtuse angle
- B) Acute angle
- C) Reflexive angle
- D) Right angle