M - 54

SUMMATIVE ASSESSMENT - I - OCTOBER 2019
MATHEMATICS
(English Version)
PART - A & B
(Max. Marks: 80)

VII Class]   **[Time: 2:45 Hrs.**

Marks : 70   Part - A   **Time: 2.15 Hrs.**

General Instructions :

  i) Answer all the questions in separate answer sheet.

  ii). 15 minutes time is allotted to read the question paper thoroughly and 2.30 hrs. to writing answers.

  iii) In Section - III, every question has an internal choice, answer any one alternative.

  iv) Write answers to the multiple choice questions (Section - IV) in the answer booklet only.

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Section - I

Note: i) Answer all the questions.

     ii) Each question carries 2 marks.   7x2=14

1. If we subtract 10 to thrice a number, we get 20, find the number ?

2. Hemanth reads $\frac{1}{3}$ of a book in 1 hour. What part of the book will he have read in 2 hours ?

3. Solve : $2x-3 = 5x+3$.

4. Share of 'A' is $\frac{3}{5}$ part and share of B is $\frac{2}{5}$ part of a Business. Express share of 'A' in percentage.

5. Represent first seven prime numbers on a number line.

6. In a triangle, the angles are $2x^0$, $(x+30)^0$, $(x-10)^0$. Find the angles ?

7. Represent $\frac{3}{4}$ using any figure ?

[Turn Ove

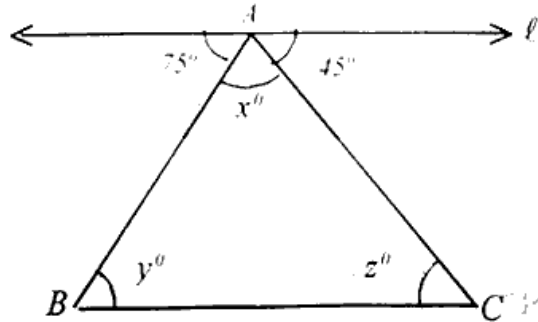### Section - II

Note: i) Answer all the questions.

ii) Each question carries 4 marks. **6x4=24**

8. If an exterior angle of a triangle is 130^0 and one of the interior opposite angles is 60^0. Find the other interior opposite angle.

9. Find the measures of x,y and 'z' in the figure, where $\ell \parallel BC$.

10. Is it possible to have a triangle with measurements 4 cm, 6 cm, and 7 cm ?

11. Represent 5 x (–3) on number line.

12. In a cinema hall, there are 350 male audience and 150 female audience. Find the percentage of male and female audience ?

13. Length of a rectangle exceeds its breadth by 6 cm, if the perimeter is 96 cm. Find its length and breadth.

Section - III

Note: i) Answer all the questions.

ii) Each question carries 8 marks.

iii) Every question has an internal choice. Answer any one alternative. **4x8=32**

14. A) A shop keeper bought a suit case for Rs. 480 and sold it for Rs. 540. Find the profit or loss ? Calculate percentage.

(OR)

B) Renuka went to a market to buy vegetables. She bought 3 kg of tomatoes, 2 kg of potatoes, 1 kg of green chillies. Cost of tomatoes per 1 kg. is Rs. 20, potatoes per 1 kg. is Rs. 30, and green chillies per 1 kg is Rs. 40. Then how much amount spent by Renuka ?

15. A) People of Kukatpally planted a total 1020 trees in Harithaharam programme. Some of trees were fruit trees. The number of non fruit trees were 20 more than 3 times the number of fruit trees. What is the number of fruit trees planted ?

<div align="center">(OR)</div>

B) Total number of students in a class is 52. If the number of girls is 10 more than the boys, find the number of boys and girls in the class. https://www.telanganaboard.com

16. A) In a class test containing 10 questions, 3 marks awarded for every correct answer and (–1) mark is for every incorrect answer and 'O' for question not attempted.

   i) Kiran gets 5 correct and 5 incorrect answers. What is his score ?

<div align="center">(OR)</div>

B) Solve the following riddle.

I am a number

Tell my identity

Take me two times over

And add a thirty six

To reach a century

You still, need four.

<div align="right">*[Turn Over*</div>

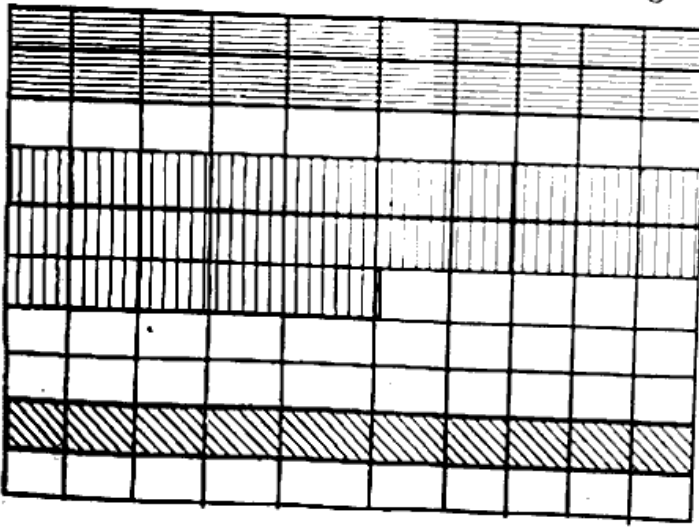17. A) Represent the following on a number line.

    i) 5 + 7

    ii) 5 + (−2)

    iii) 5 + (−7)

    iv) 8 − (−7)

    (OR)

B) Look at the grid paper given below. It is shaded in various designs. Find the percentage of each design ?

i) What percent represents

ii) What percent represents

iii) What percent represents

iv) What percent represents