Kendriya Vidyalaya AFS Manauri, Allahabad
FA-3: 2016-2017
Subject – Mathematics.
Class – VII

Time- 1:30min   **Max. Marks -40**

General Instruction
  1) *All questions are compulsory*
  2) *The question paper consists of 4 questions divided into four sections A, B, C & D.*
  3) *Section A comprises of o5 questions 1 Marks each section*
     Section B comprises of 04 question 2 marks each.
     Section C comprises of 05 question 3 marks each.
     Section D comprises of 03 question 4 marks each.

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SECTION – A

1) The simplest form of 15/60 is…………………

2) Find the ratio of 50 paise to Rs 1.5

3) Fill the correct symbol out of >, < or = in $\dfrac{-7}{5}$......$\dfrac{2}{3}$

4) The numerical coefficient in -7xy.

5) what is the value of 0.35+0.035 .

SECTION – B

6) If CP = Rs 2000 profit = 10, find SP.

7) Solve: $2/3 + {}^1/_6$

8) Find 15 % of 25

9) Add -7mn+ 5 , 12mn +2 , 9mn -8, -2mn-3

SECTION – C

10). Simplify the expression and find the value if x is equal to 2

   3(x + 2) + 5x- 7

11). Find three rational numbers between ½ and -1.

12) I buy a T.V. for Rs 10,000 and sell it at a profit of 20%. How much money do I get for it?

13) Solve (i) $\dfrac{1}{3} + 2\dfrac{2}{5}$ (ii) $\dfrac{1}{3} - \dfrac{2}{6} + \dfrac{1}{6}$

14).What should be added to $x^2 + xy + y2$ to obtain $2X^2 + 3XY$?

SECTION -D

15) If Meena gives an interest of Rs 45 for one year at 9% rate p. a.. What is the sum she has borrowed?.

16) Find the value of (i) $\dfrac{3}{7} \times \dfrac{-2}{5}$ (II) $\dfrac{-3}{5} \div 2$

17) From the sum of 4+3x and $5 - 4x + 2x^2$, subtract $-x^2 + 2$