

**KHANNUR VIDYANIKTHAN SCHOOL, RANEBENNUR**  
**SECOND PERIODICAL ASSESSMENT SEPTEMBER 2020**

**Class: VIII**

**Subject: Mathematics**

**Marks: 20**

**General Instructions:**

- 1) All the questions are compulsory.
- 2) This question paper contains 11 questions divided into three sections A,B and C.
  - Section A comprises 5 questions of 1 mark each.
  - Section B comprises 3 questions of 2 marks each.
  - Section C comprises 3 questions of 3 marks each.

**(Use MATHEMATICS H W Book to ANSWER)**

**Section – A**

**I) Fill in the blanks:**

**1X5=5**

- 1) The value of 't' in  $5t - 3 = 3t - 5$  is \_\_\_\_\_.
- 2) If your present age is x, then your brother age is 5 year more than you, then the brother age is \_\_\_\_\_. (In equation form)
- 3) "Arjun is twice as old as Shridhar". If Shridhar's age is x years then Arjun's age is \_\_\_\_\_.
- 4) The solution of  $2x - 3 = 7$  is \_\_\_\_\_.
- 5) If 'x' is an even number, the next odd number is \_\_\_\_\_.

**Section – B**

**II) Solve as directed:**

**2X3=6**

- 6) Three consecutive integers add up to 51. What are these integers?
- 7) Solve  $\frac{2x}{3} + 1 = \frac{7x}{15} + 3$
- 8) A rational number is such that when you multiply it by  $\frac{5}{2}$  and add  $\frac{2}{3}$  to the product you get  $-\frac{7}{12}$  what is the number?

**Section – C**

**III) Do as directed:**

**3X3=9**

- 9) Baichung's father is 26 years younger than Baichung's grandfather and 29 years older than Baichung. The sum of the ages of all the three is 135 years. What is the age of each one of them?
- 10) Solve  $\frac{3t-2}{4} - \frac{2t+3}{3} = \frac{2}{3} - t$
- 11) There is a narrow rectangular plot, reserved for a school, in Hunasikatti village. The length and breadth of the plot are in the ratio of 11: 4. At the rate of Rs 100 per metre it will cost the village panchayat Rs 75,000 to fence the plot. What are the dimensions of the plot?

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