## Online coaching day 74 (15-06-2019) Saturday

Maths- problems on age



## Name of the candidate \*

M5

## Place of the candidate \*

THRISSUR

Please watch the online videos:

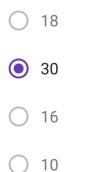
https://youtu.be/SgBKoa0qOA4 https://youtu.be/RKJQjseMe3E https://youtu.be/3MKnjWIZrZc https://youtu.be/Q9N1aaUWk7k 1. The ratio between the ages of appu and rayan at present is 3:4. 5 1 point years ago the ratio of their ages was 2:3. What is the present age of appu. \*

- 15
- 0 20
- 0 12
- 0 30

2. Manu's age is 6 times binu's age. 15 years hence manu will be 3 <sup>1 point</sup> times as old as binu. Find binu's age. \*

0	60
۲	10
0	45
$\bigcirc$	50

3. The ratio of ages of anil and ashima is 3:5. The sum of their ages <sup>1 point</sup> is 48 years. What is the age of ashima. \*



4. 9 years ago the age of athira was 5 times that of ammu's age. After 9 years athira's age will be 40 more than ammu's age. Athira's present age is \*

$\bigcirc$	39
0	49
$oldsymbol{O}$	59

5. Age of father is six times the age of his son. After 20 years 1 point father's age will be twice the son's age at that time. What is the present age of the son. \*

5
6
15
2

6. My mother is twice as old as my brother. Iam 5 years younger to 1 point my brother, but 3 years older to my sister. If my sister is 12years of age how old is my mother? \*

$\bigcirc$	30	
$\bigcirc$	54	
۲	40	

7. The sum of ages of sita and reena is 32. Age of reena is 3 times 1 point the age of sita. Age of reena is \*

8
26
4

24

8. The ratio of the age of 2 sisters is 3:4. The product of their ages is 1 point 192. The ratio of their ages after 5 years will be \*

3:4
21:17
17:21

8:9

9. Gopu is 5 years older than amal. In 5 years gopu will be twice as 1 point old as amal is now. How old is gopu now. \*

1512

26

29

10. Four years ago ramu's age is the square root of his father's age. <sup>1 point</sup> Now the age of ramu and his father are in the ratio 1:4. Then what is ramu's age. \*

$\bigcirc$	8
•	10
0	12
$\bigcirc$	40

11. A father is twice as old as his son 20 years ago. The age of the father was12 times the age of the son. The present age of the son is. \*

0	20
0	25
$oldsymbol{O}$	22

26

12. Present ages of shreya and shanbu are in the ratio 4:3. After 4 <sup>1 point</sup> years the ratio of their ages will become 9:7. What is shanbu's present age in years? \*

21

- 24
- 32

O None of these

13. Three years ago sanju's age was double of sheeja's. Seven years <u>1 point</u> hence the sum of their ages will be 86 years. The age of sanju today is? \*

14. Sanu's present age is one fourth of his father's age. Father has
1 point
30 years more than sanu. The present age of sanu is ? \*

0	12	
0	20	
$oldsymbol{O}$	10	
$\bigcirc$	15	

15. A father is twice as old as his son. 20 years ago the age of the father was 12 times the age of the son. The present age of the father is? \*



16. Reshma is aged 3 times more than his son aman. After 8 years, 1 point he would be two and a half times of aman's age. After further 8 years, how many times would she be of aman's age? \*

$\bigcirc$	4 times
۲	2 times
$\bigcirc$	2 and 1/2 times
0	3 times

17. The age of a father is equal to the sum of the age of his 4 <sup>1 point</sup> children. After 20 years, sum of the ages of the children will be twice the age of the father. What is the age of the father now? \*

50
40
45
48

18. The age of the father 10 years ago was thrice the age of his son. <sup>1 point</sup> Ten years hence, father's age will be twice that of his son. The ratio of their present ages is? \*

5:2
7:3
9:2
13:4

19. A is 2 years older than B, who is twice as old as C. If total ages 1 point of A,B and C be 27. How old is B? \*

20. Ramesh is older than his wife by 5 years. When they celebrated <sup>1 point</sup> their 25th wedding anniversary their total age was 97. If so what was the age of his wife during their wedding time? \*

21. The sum of the ages of A and B now is 40. 5 years ago their ages 1 point were bearing the ratio 2:1. The age of A is now \*

20
15
30

25

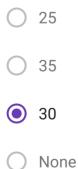
22. Today is sariga's birthday. One year from today she will be twice 1 point as old as she was 12 years ago. How old is sariga today? \*

- 20222225
- 27

23. 5 years ago i was thrice as old as my son and 10 years later i 1 point shall be twice as old as my son. How old are we now? \*

30, 40
50, 20
40, 15
35, 15

24. 20 years ago the ratio between the ages of sita and meena was 1 point 1:4. And at present it is 1:2. What is the age of sita at present? \*



25. The age of a man is 3 times the sum of the ages of his two sons. 1 point Five years hence his age will be double of the sum of the ages of his sons. The father's present is \*



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