**Mocktest-2**  **Roll No:**

**Name:**

1) A, B and C complete a work in 6 days, 8 days, 12 days respectively. If there are working in alternate days starts with “B”, how many days are required to completing work?

1) 7.66 days 2) 8 days 3) 7 days 4) 8.25 days

2) A and B together have Rs. 950. If http://www.indiabix.com/_files/images/aptitude/1-div-4by15.gif of A's amount is equal to http://www.indiabix.com/_files/images/aptitude/1-div-2by5.gif of B's amount, how much amount does B have?

1) 380 2) 570 3) 475 4) None

3) Ten years ago, Anil was half of Sunil's age. If the ratio of their present ages is 3:4, what will be the total of their present ages?

1) 30 2) 35 3) 40 4) 45

4) In the 50 overs cricket game, first 10 overs run rate was only 3.5, last 10 overs run rate was 8.5. What should be the run rate in the remaining 30 overs to reach the target of 264 runs?

1) 5 2) 4.2 3) 4 4) 4.8

5) A starts a business with Rs.9000. B joins in the business after 3 months with Rs.6000. What will be the ratio in which they should share the profit at the end of the year?

1) 1:1 2) 3:1 3) 2:1 4) 1:3

6) A container contains 40 liters of milk. From this container 4 liters of milk was taken out and replaced by water. This process was repeated further two times. How much milk is now contained by the container?

1) 28 Liters 2) 32 liters 3) 29.16 liters 4)28.4 liters

7) A pump can fill a tank with water in 2 hours. Because of a leak, it took 40 mins more to fill the tank. The leak can drain all the water of the tank in?

1) 540 mins 2) 480 mins 3) 450 mins 4) None

8) A sum of money is to be distributed among A, B, C and D in the proportion of 5: 2: 7: 3. If C gets Rs. 2600 more than D, what is A's share?

1) 3250 2) 2750 3) 2400 4) 3000

9) Present ages of Ram and Syam are in the ratio of 5: 4 respectively. Three years hence, the ratio of their ages will become 11: 9 respectively. What is Syam's present age in years?

1) 27 2) 33 3) 24 4) 25

10) A, B and C can do a work in 20, 30 and 60 days respectively. How many days does it need to complete the work if A does the work and he is assisted by B and C on every third day?

1) 12 days 2) 9 days 3) 15 days 4) None

11) The average of first six multiples of 3 is?  
 1) 21 2) 10.5 3) 9 4) None

12) Varma started a business with Rs.20000 and after 4 months, Sharma joined him with Rs.45000. Varma received Rs.9200 including 10% of profit as commission for managing the business. What amount did Sharma receive?

1) Can’t say 2) 13,800 3) 11,000 4) 10,800

13) Pipes A and B can fill a tank in 5 and 6 hours respectively. Pipe C can empty it in 12 hours. If all the three pipes are opened together, then the tank will be filled in?

1) 3.4 days 2) 3.5 days 3) 9.75 days 4) 2.2 days

14) In what ratio must rice at Rs 9.30 per Kg be mixed to rice at Rs 10.80 per Kg, so that the mixture is worth Rs 10 per Kg?

1) 7: 8 2) 3:7 3) 7:3 4) 3:8

15) Seats for IT, CSE and ECE in a college are in the ratio 5:7:8. There is a proposal to increase these seats by 40%, 50% and 75% respectively, and then what will be the ratio of seats?

1) 6:7:8 2) 8:10:15 3) 28:30:35 4) 2:3:4

16) A man is 24 years older than his son. In two years, his age will be twice the age of his son. What is the present age of his son?

1) 22 years 2) 23 years 3) 24 years 4) None

17) A is thrice as good as B in work. A is able to finish a job in 60 days less than B. If they work together in how many days work will be completed?

1) 21.5 days 2) 22.5 days 3) 23.5 days 4) None

18) A Batsman makes a score of 87 runs in the 17th inning and thus increases his average by 3. Find his average after 17th inning?

1) 40 2) 39 3) 41 4) None

19) A starts a business with Rs.20000. After 2 months, B joined him with Rs.30000. C joined them after some more time with Rs.60000. At the end of the year, out of a total profit of Rs. 300000, C gets Rs.120000 as his share. How many months after B joined the business, did C join?

1) 4 months 2) 6 months 3) 10 months 4) None

20) A tank is filled by three pipes with uniform flow. The first two pipes operating simultaneously fill the tank in the same time during which the tank is filled by the third pipe alone. The second pipe fills the tank 5 hours faster than the first pipe and 4 hours slower than the third pipe. The time required by the first pipe to fill the tank alone?

1) 30 hrs 2) 10 hrs 3) 15 hrs 4) None

21) A sum of Rs.312 was divided among 100 boys and girls in such a way that the boy gets Rs.3.60 and each girl Rs.2.40, the number of girls is?

1) 40 2) 60 3) 45 4) None

22) Rs.576 is divided among three workers A, B and C such that 8 times A’s share is equal to 12 times B’s share which is equal to 6 times C’s share. How much did “C” get?

1) 192 2) 128 3) 64 4) None

23) The present age of “A” is 3 years more than three times the age of “B”. Three years hence, A's age will be 10 years more than twice the age of the “B”. What is A's present age?

1) 32 2) 34 3) 36 4) 35

24) 6 men and 8 women can complete a work in 10 days. 26 men and 48 women can finish the same work in 2 days. 15 men and 20 women can do the same work in \_\_\_\_\_ days?

1) 2 2) 8 3) 6 4) 4

25) The average score of a cricketer for ten matches is 39.9 runs. If the average for the first six matches is 41, then find the average for the last four matches?

1) 36.25 2) 37.5 3) 38.25 4) 39

26) A, B, C start a business each investing Rs 20,000. After 5 months A withdraws Rs 5000, B withdraws Rs 4000 & C invests Rs 6000 more. At the end of the year, a total profit of Rs 69900 was recorded. Find the share of A?

1) 20400 2) 20500 3) 20600 4) None

27) Two pipes A and B can fill a tank in 15 minutes and 40 minutes respectively. Both the pipes are opened together but after 4 minutes, pipe A is turned off. What is the total time required to fill the tank?

1) 25 mins 2) 24.33 mins 3) 26 mins 4) 25.33 mins

28) In a mixture 90 liters, the ratio of milk and water 2:1. If this ratio is to be 1:2, then the quantity of water to be further added is?

1) 90 lt 2) 45 lt 3) 60 lt 4) None

29) A tap can fill a tank in 4 hours. After half the tank is filled, three more similar taps are opened. What is the total time taken to fill the tank completely?

1) 3 hrs 2) 2.66 hrs 3) 2.5 hrs 4) None

30) Three pipes A, B and C can fill a tank in 6 hours. After working at it together for 2 hours, C is closed and A and B can fill the remaining part in 7 hours. The number of hours taken by C alone to fill the tank?

1) 12 hrs 2) 14 hrs 3) 16 hrs 4) None

**Answers:**

**1) 6) 11) 16) 21) 26)**

**2) 7) 12) 17) 22) 27)**

**3) 8) 13) 18) 23) 28)**

**4) 9) 14) 19) 24) 29)**

**5) 10) 15) 20) 25) 30)**