

Examrace

Numerical Aptitude 1 Important Questions and Answers Part 4

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42. If 13 men can complete a piece of work in 36 days, then in how many days will 18 men complete the same work?

- (A) 16 days
- (B) 20 days
- (C) 26 days
- (D) 30 days
- (E) None of these

43. If the area of a circle is 75.44 square cm then what is the circumference of the circle?

- (A) 29.2 cm
- (B) 28.9 cm
- (C) 30.8 cm
- (D) 40.2 cm
- (E) None of these

44. Girish started a business investing Rs. 45,000. After 3 months, Vijay joined him with a capital of Rs. 60,000. After another 6 months, Ankush joined them with a capital of Rs. 90,000. At the end of the year, they made a profit of Rs. 16,500. What is Girish's share of profit?

- (A) Rs. 5,500
- (B) Rs. 6,000
- (C) Rs. 6,600
- (D) As. 5,900
- (E) None of these

45. What is the average age of a family of five members, whose ages are 42, 49, 56, 63 and 35 years respectively?

- (A) 60 years
- (B) 49 years
- (C) 45 years
- (D) 58 years
- (E) None of these

46. A and B are two taps which can fill a tank individually in 10 minutes and 20 minutes, respectively. However, there is a leakage at the bottom which can empty a filled tank in 40 minutes. If the tank is empty initially, how much time will both the taps take to fill the tank (leakage is still there)?

- (A) 8 minutes
- (B) 7 minutes
- (C) 10 minutes
- (D) 15 minutes
- (E) None of these

47. What is 50% of 40% of Rs. 3,450?

- (A) Rs. 690
- (B) Rs. 520
- (C) Rs. 517.5
- (D) Rs. 499.2
- (E) None of these

48. If an amount of Rs. 5,86,700 is distributed equally amongst 25 persons, then how much would each person get?

- (A) Rs. 2,54,876
- (B) Rs. 2,34,68
- (C) Rs. 3,74,20
- (D) Rs. 1,95,62
- (E) None of these

49. An urn contains 9 blue, 7 white and 4 black balls. If 2 balls are drawn at random, then what is the probability that only one ball is white?

- (A) $\frac{71}{190}$

(B) 121/190

(C) 91/190

(D) 93/190

(E) None of these

50. If the price of 5 transistors and 2 pen stands is Rs. 810, then what will be the price of 7 transistors and 9 pen stands?

(A) Rs. 1,320

(B) Rs. 1,500

(C) Rs.1,150

(D) Cannot be determined

(E) None of these

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