

42. An unknown man is found murdered. The corpse has one gold plated tooth, right ear is pierced and a healed fracture of left hand thumb. A man with these characteristics is reported missing. what are the chances (probability) of the corpse being the missing man?(given the occurrence of the gold-plated teeth in the area, 1 in 5000, left hand thumb fractures 1 in 20000 and of right earpierces 1 in 100).
- (a) 1 in 1000
 (b) 1 in 1, 000, 000
 (c) 1 in 1, 000, 000, 000
 (d) 1 in 10, 000, 000, 000
43. value of 'A' in the expression $5+12 \times 10 \div \frac{\text{層區宋}}{\text{區想宋}}$ 嘶 寓拔層宋[±] is
- (a) 11
 (b) 24.5
 (c) 34
 (d) 6.5
44. The Least common Multiple (LCM) of 0.12, 9.60, 0.60 is
- (a) 9.60
 (b) 0.12
 (c) 0.6
 (d) none of these
45. There are 30 boys and 40 girls in a class. if the average age of boys is 10 yrs and average age of girls is 8 yr, then the average age of the whole classis:
- (a) 8 yr
 (b) 8.86 yrs
 (c) 8.2 yr
 (d) 9 yr
46. A person spends part of his income on food, part on house rent and remaining 斑 630 on other items. the house rent is:
- (a) 斑 540
 (b) 斑 1512
 (c) 斑 378
 (d) none of these
47. A person covers a certain distance by car at a speed of 30km/h and comes back at a speed of 40 km/h. the average speed during the travel is:
- (a) 34.3km/h
 (b) 35 km/h
 (c) 37.5 km/h
 (d) 32.8 km/h
48. An employer reduces the number of employees in the ratio 8:5 and increases their wages in the ration 7:9. therefore, the overall wages bill is:
- (a) increased n the ratio 45:56
 (b) decreased in the ratio 56:45
 (c) increased in the ratio 13:17

- (d) decreased in the ratio 72:35
49. Father is 3 years older than the mother and the mother's age is now twice the daughter's age. If the daughter is 20 years old now, then the father's age when the daughter was born is:
- (a) 20 yr
 (b) 40 yr
 (c) 43 yr
 (d) 23 yr
50. If 80% of A=20% of B and B=5x% of A, then the value of X is:
- (a) 75
 (b) 80
 (c) 90
 (d) 85
51. A mixture of 40 L of alcohol and water contains 10% water. How much water should be added to this mixture, so that the new mixture contains 20% water?
- (a) 9L
 (b) 5L
 (c) 7L
 (d) 6L
52. A can do a piece of work in 20 days and B can do the same work in 15 days. How long will they take to finish the work, if both work together?
- (a) 5 days
 (b) 10 days
 (c) 13 days
 (d) 12 days
53. A man can row 5km/h in still water. if the speed of the current is 1km/h, it takes 3h more in upstream than in the downstream for the same distance. the distance is:
- (a) 36km
 (b) 24km
 (c) 20km
 (d) 32km
54. A starts a business with ₹5000 and B joins the business 5 months later with an investment of ₹6000. After a year they earn a profit of ₹34000, find the shares of A and B in the profit amount depending on their individual investment.
- (a) ₹20000, ₹14000
 (b) ₹16000, ₹16000
 (c) ₹14000, ₹20000
 (d) none of these
55. A farmer has some hens and some goats. if the total number of animal heads is 80 and the total number of animal feet is 200, what is the total number of goats?
- (a) 40
 (b) 60
 (c) 20

(d) cannot be determined

56. A square field has its area equal to 324 m^2 . The perimeter of the field is:

(a) 36m

(b) 72m

(c) 18m

(d) 6561m

57. A closed metal box measure $30 \text{ cm} \times 20 \text{ cm} \times 10 \text{ cm}$. thickness of the metal is 1 cm. the volume of the metal required to make the box is:

(a) 1041 cm^3

(b) 6000 cm^3

(c) 4536 cm^3

(d) 1968 cm^3

58. The difference between the simple interest and the compound interest (compounded annually) on ₹2000 for 2 yr at 8% per annum will be:

(a) ₹10

(b) ₹20

(c) ₹13

(d) ₹25

59. A dealer marked his goods 20% above the cost price and allows a discount of 10%. then the gain percent is:

(a) 2%

(b) 4%

(c) 6%

(d) 8%

60. A man went to the Reserve Bank of India with ₹2000. He asked the cashier to give him ₹10 and ₹20 notes only in return. The man got 150 notes in all. How many notes of ₹10 did he receive?

(a) 100

(b) 150

(c) 50

(d) 70