

Section II Arithmetic Test

Directions (Q. Nos. 51-75) *For every question, four probable answers bearing (1), (2), (3) and (4) given. Only one out of these is correct. You have to choose the correct answer.*

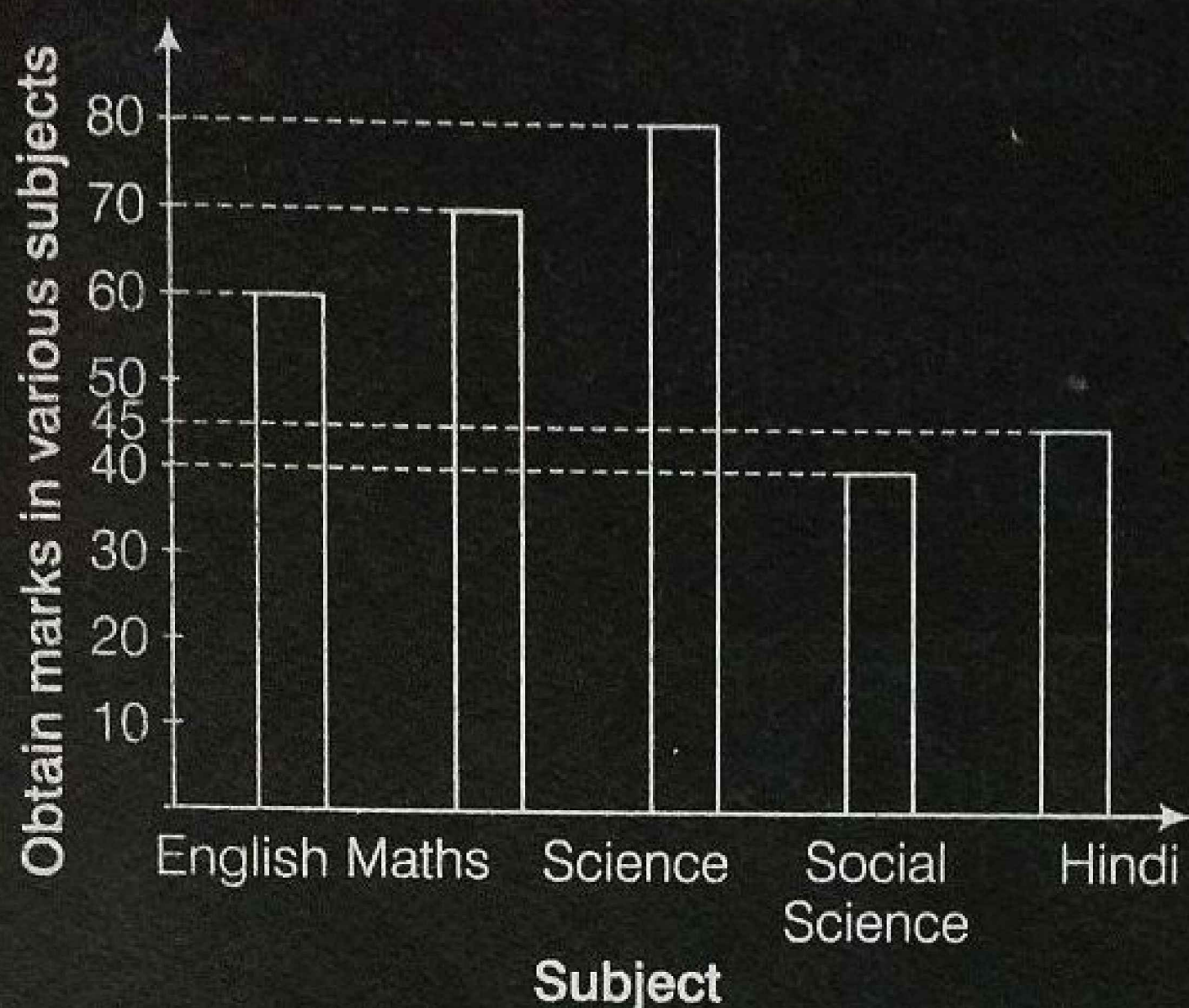
51. If the cost price of 12 packets of biscuits is ₹ 240, the cost price of 8 packets of biscuits will be

- (1) ₹ 160
- (2) ₹ 140
- (3) ₹ 120
- (4) ₹ 240

52. Ram got 8 marks more than Shyam in an examination. Anil got 4 marks more than Ram in the same examination. If all three of them got 128 marks together as a total, Ram's marks would be

- | | |
|--------|--------|
| (1) 36 | (2) 44 |
| (3) 48 | (4) 54 |












53. Study the bar chart given below which shows Shyam's marks in S_1 examination in different subjects out of 100 marks each.



The percentage of Shyam's marks in Science is

- (1) 50 (2) 80 (3) 70 (4) 60

54. Following graph represents the number of shoes sold by a shopkeeper in last 4 months.

September	  
October	   
November	  
December	

 = 112 pair shoes

What was the number of shoes sold by the shopkeeper in 4 months?

- (1) 1130 (2) 1120 (3) 1242 (4) 1232

55. Which one is the smallest number?

- (1) 7413 (2) 7130 (3) 7985 (4) 7545

56. The sum of the first four multiples of 6, is

- (1) 66 (2) 56 (3) 72 (4) 60

57. HCF of 128, 288 and 160 is

- (1) 16 (2) 24 (3) 32 (4) 48

58. If the product of two co-prime numbers is 117, their LCM will be

- (1) 9 (2) 13 (3) 39 (4) 117

59. In a race of 1 km A defeats B by 36 m or 18 s. How much time (in s) did A take to complete the full distance?

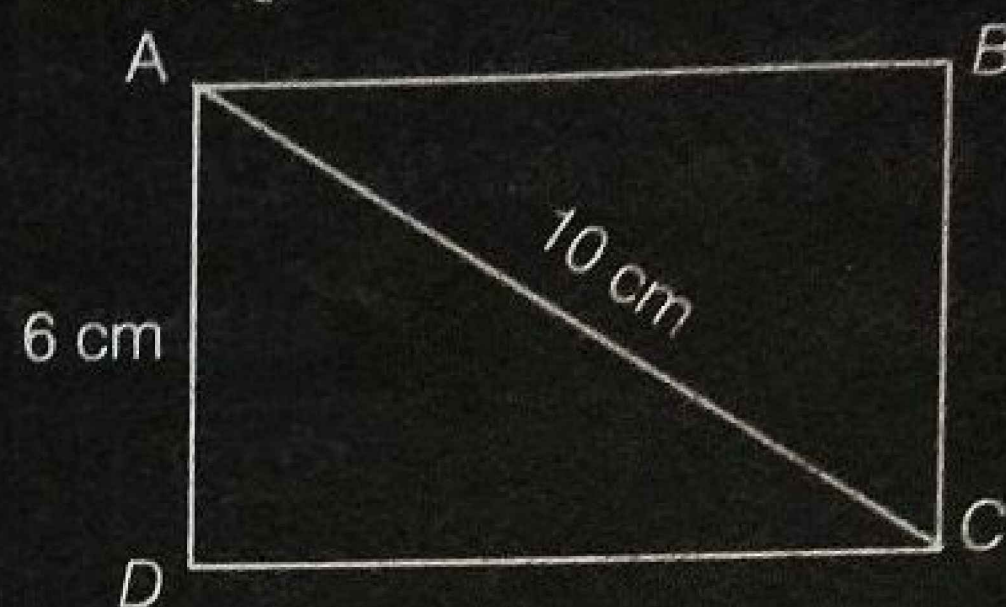
- (1) 500 (2) 582 (3) 460 (4) 482

60. What is the product of

$$9680 \times 10 \times 14 \times 0 \times 8 ?$$

- (1) 561260 (2) 642976 (3) 912040 (4) Zero

61. Find the length of AB in the given figure of a rectangle ABCD.



- (1) 8 cm (2) 10 cm (3) 12 cm (4) 16 cm

62. If $4.75 \times 0.7 = 3.325$, then 475×0.7 is equal to

- (1) 332.5 (2) 33.25 (3) 3.325 (4) 0

63. If $4854.3 \div 3.3 = 1471$, then $48.543 \div 33$ is equal to

- (1) 1.471 (2) 14.71 (3) 147.1 (4) 0.1471

64. 26.2% is equal to

- (1) 2.62 (2) 0.262 (3) 0.0262 (4) 262.0

65. A cellphone was bought for ₹ 1500 and then it was sold for ₹ 1650. What is the per cent profit?

- (1) 10 (2) 15 (3) 20 (4) 16

66. What will be the rate of simple interest, at which ₹ 17500 will become ₹ 19250 in 2 yr?

- (1) $12\frac{1}{2}\%$ (2) 10% (3) $7\frac{1}{2}\%$ (4) 5%

67. Find the next term of the series

3, 4, 6, 9, 13, ...

- (1) 18 (2) 17 (3) 14 (4) 19

68. The difference between the smallest number of six-digits and the largest number of four-digits is

- (1) 90001 (2) 91000
(3) 90100 (4) 90010

69. Which one of the following is the correct statement for the numbers 56 and 84?

- (1) Both the numbers are prime
(2) Both the numbers are co-prime
(3) Both the numbers are multiple of 14
(4) Both the numbers are odd

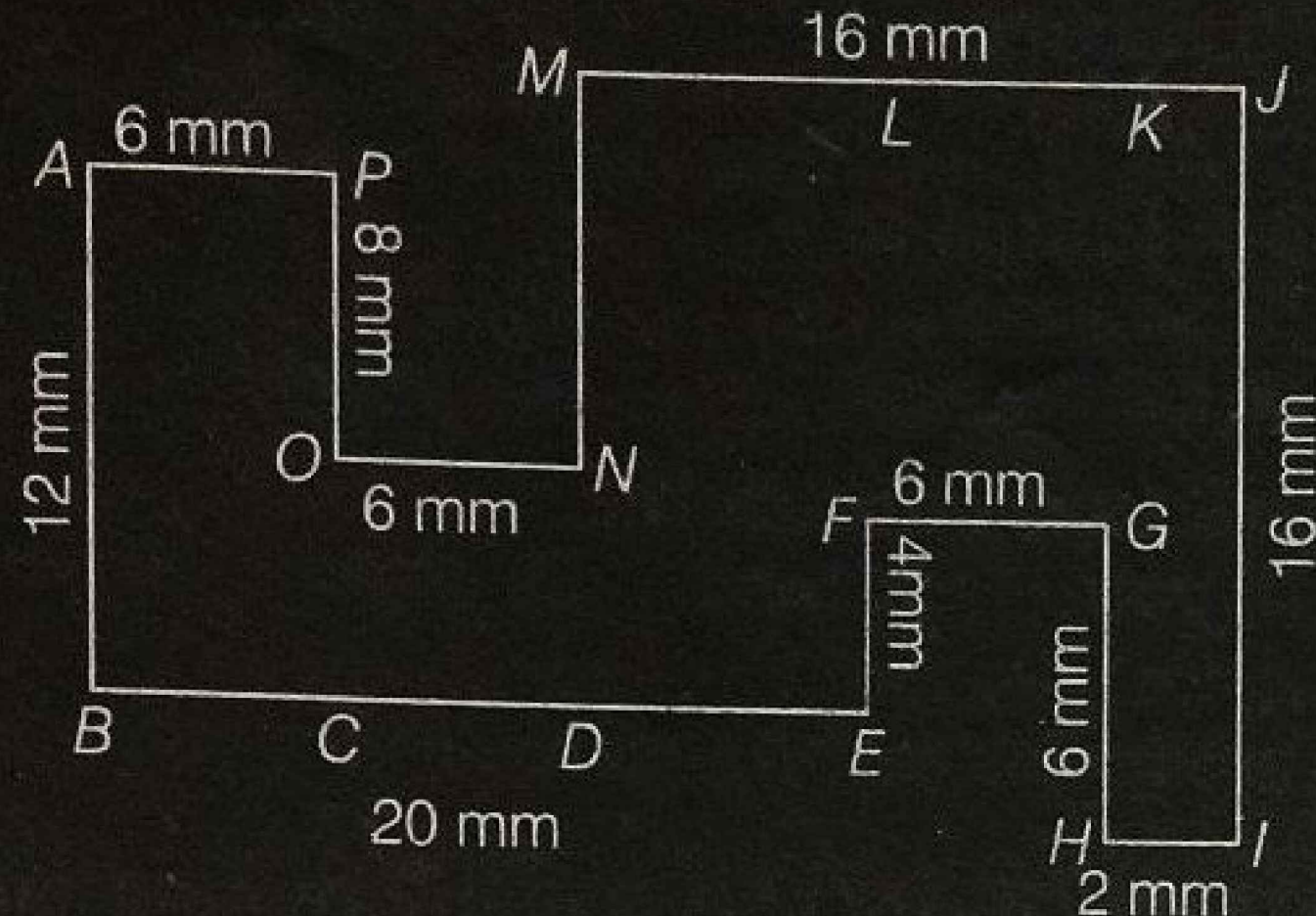
70. Ram bought a book for ₹ 178.50, some medicines for ₹ 248.25 and gave a ₹ 500 note to the shopkeeper. The remaining amount is

- (1) ₹ 126.50 (2) ₹ 70.50
(3) ₹ 75.50 (4) ₹ 73.25

71. The dimensions of a hall are 20 m \times 12 m. How many square shaped tiles, with 4m side, will be required to cover the floor?

- (1) 10 (2) 15 (3) 24 (4) 12

72. Find the area of the given figure.



- (1) 240 mm^2
(3) 300 mm^2

- (2) 280 mm^2
(4) 440 mm^2

73. A train leaves Delhi at 7 : 40 evening and reaches Mumbai next morning at 11:10. The total time taken by train during the journey is

- (1) 15 h 26 min (2) 14 h 15 min
(3) 15 h 30 min (4) 16 h 20 min

74. 12 men or 15 women can finish a work in 10 days. How many days will 7 men and 10 women take to finish the same work together?

- (1) 12 (2) 10
(3) 9 (4) 8

75. Square root of 4096 is

- (1) 74 (2) 64
(3) 66 (4) 63