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.*

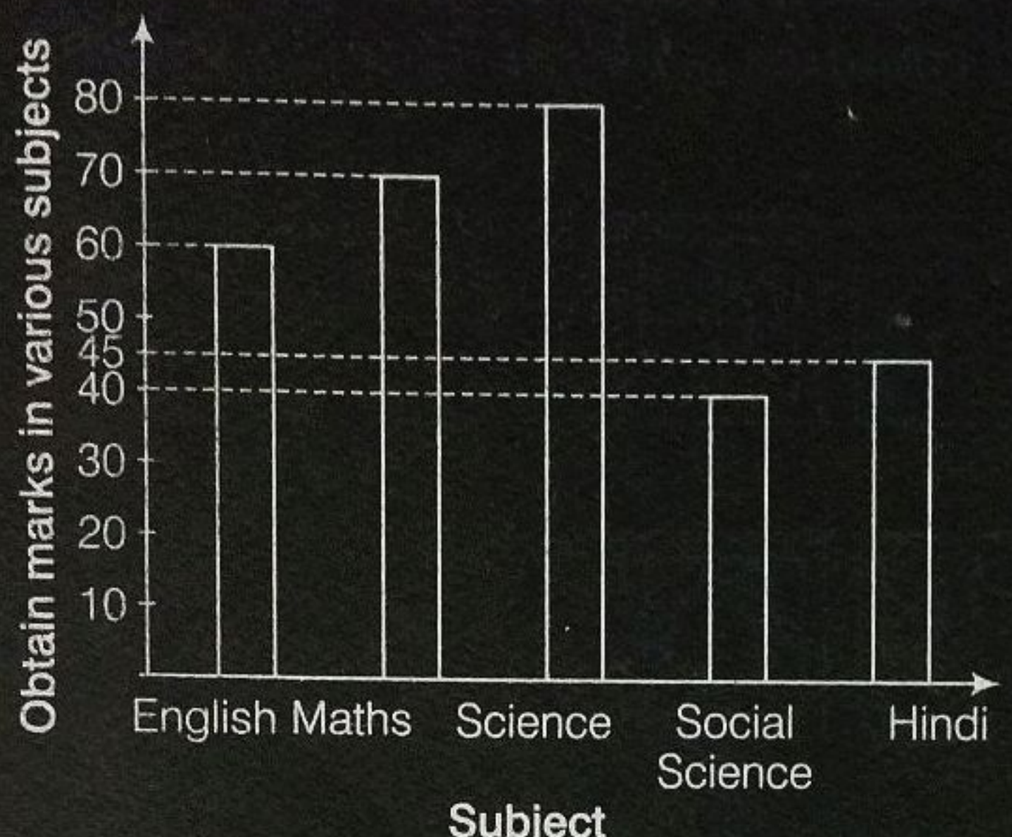
51. If the cost price of 12 packets of biscuits is ₹ 240, the cost price of 8 packets of biscuits will be

(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

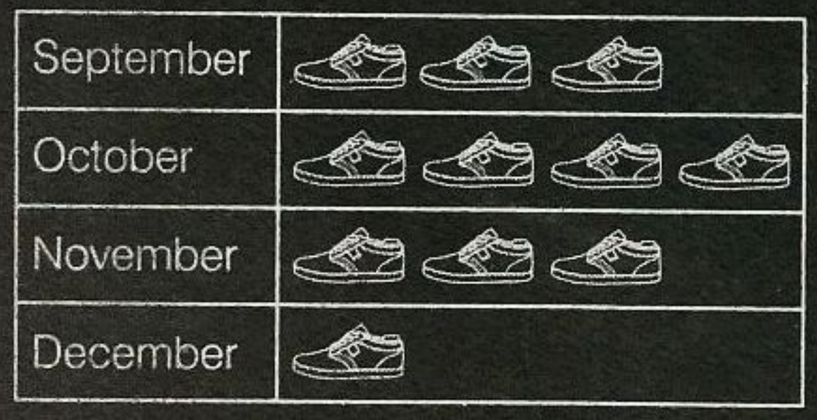
(1) 36
(2) 44
(3) 48
(4) 54

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.



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

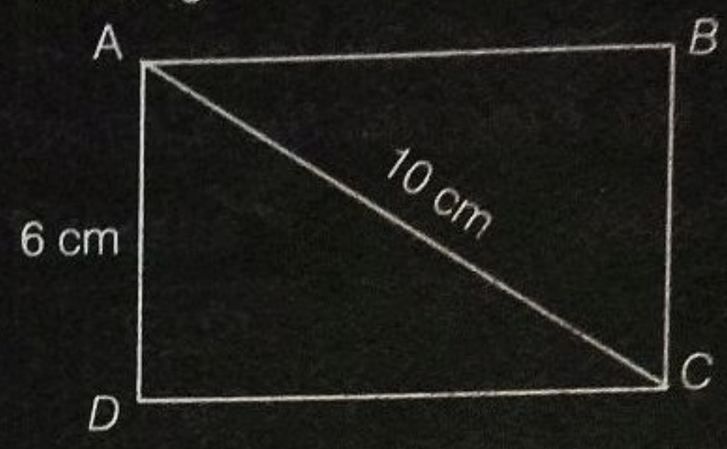
57. HCF of 128, 288 and 160 is
(1) 16 (2) 24 (3) 32 (4) 48

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

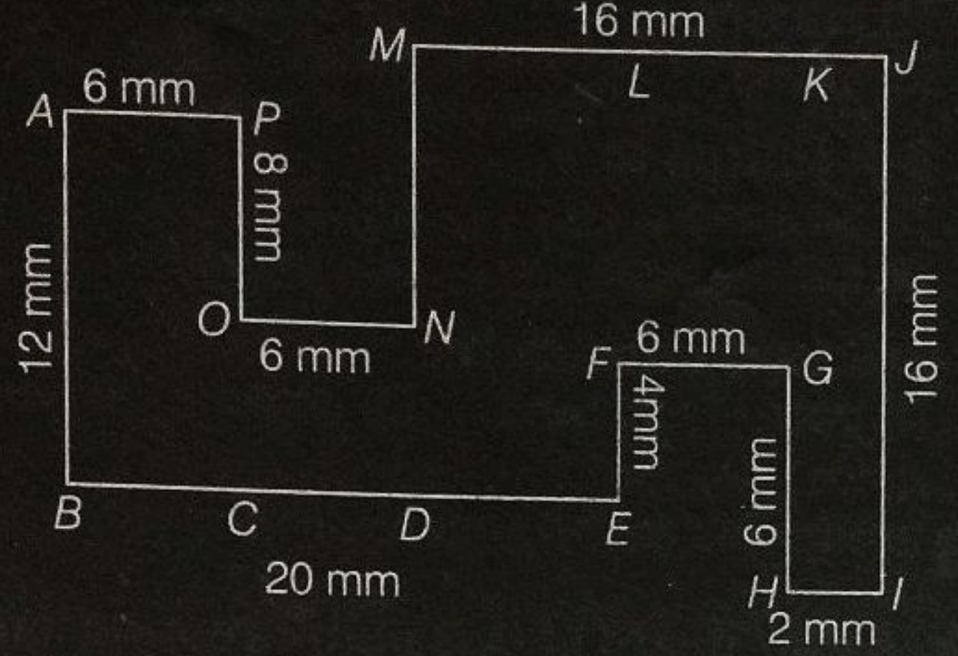
68. The difference between the smallest number of six-digits and the largest number of four-digits is
(1) 90001 (2) 91000
(3) 90100 (4) 90010

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 × 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
(2) 280 mm^2
(3) 300 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