Question No: 35

Multiple Choice (Select 1 out of 4 options, for the question below.)
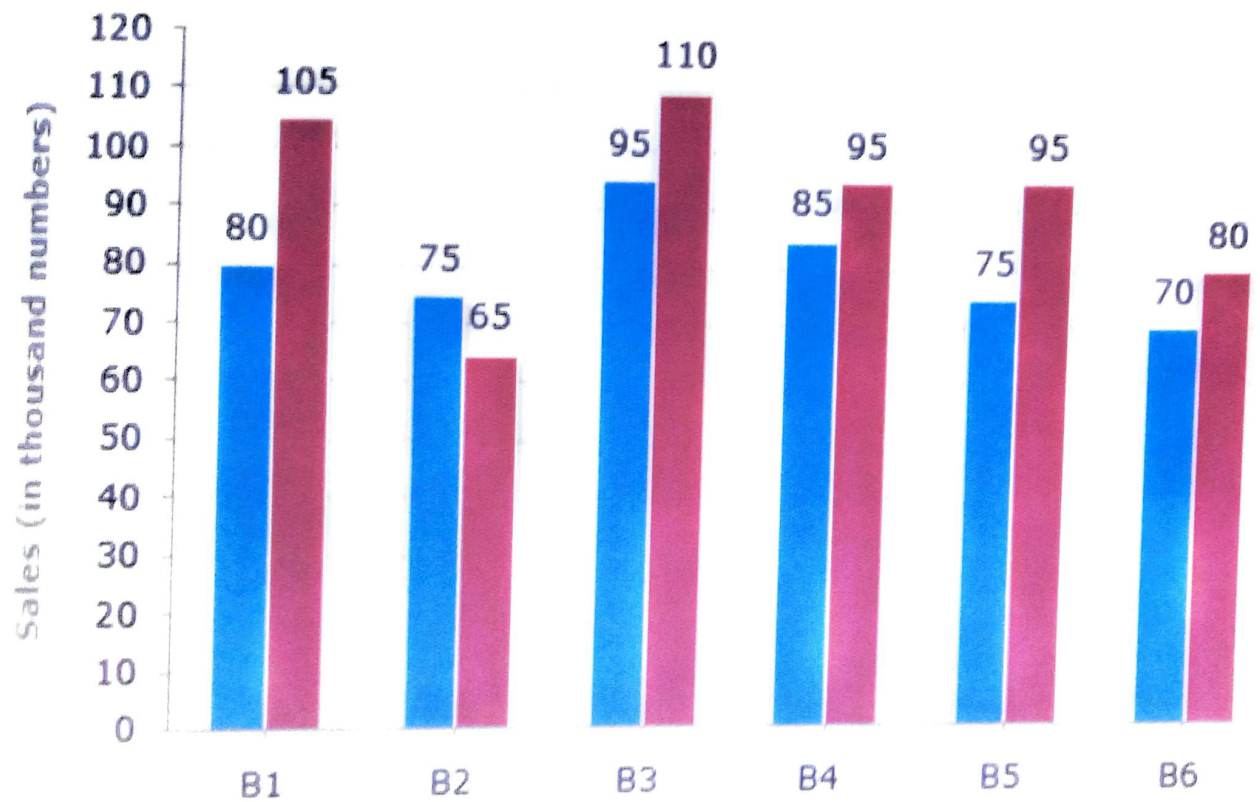
The cost of 10 kg of apples is equal to the cost of 24 kg of rice. The cost of 6 kg of flour equals the cost of 2 kg of rice. The cost of each k
is Rs.20.50. Find the total cost of 4 kg of apples, 3 kg of rice and 5 kg of flour?

Options

○ Rs.849.40

◉ Rs.877.40

○ Rs.901.60

○ Rs.815.20

Clear Response

Multiple choice (Select 1 out of 4 options, for the question below.)

The bar graph given below shows the sales of books (in thousand number) from six branches of a publishing company
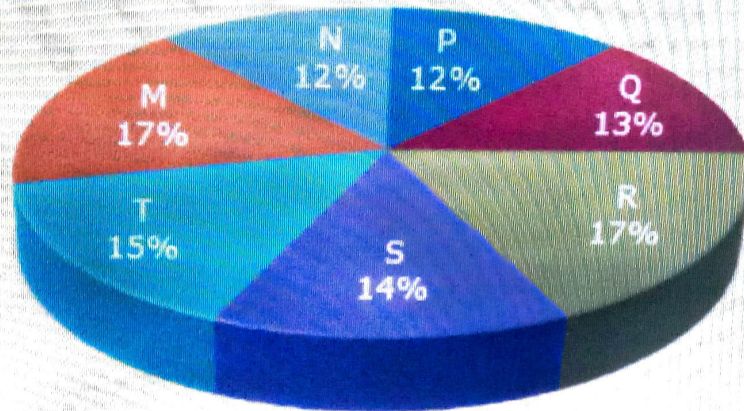years 2000 and 2001.

- 68 54%
- 71 11%
- 73 17%
- 75 55%

Multiple Choice (Select 1 out of 4 options, for the question below.)

The following pie-charts show the distribution of students of graduate and post-graduate levels in seven different institute

Distribution of students at graduate and post-graduate levels in seven institutes: What is the ratio between the number post-graduate level from institutes S and the number of students studying at graduate level from institute Q?

Total Number of Students of
Graduate Level = 27300

○ 13 19

○ 21 13

○ 13 08

○ 19 13

Question No: 38

Multiple Choice (Select 1 out of 4 options, for the question below.)

A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at
percent is:

Options

○ No profit, no loss

◉ 5%

○ 8%

○ 10%

Clear Response

Question No: 39

Multiple Choice (Select 1 out of 4 options, for the question below.)

At an examination in which full marks were 500. A got 10% less than B, B got 25% more than C and C got 20% less tha
what percentage of full marks was obtained by D?

Options

○ 70%

○ 90%

◉ 80%

○ 75%

Clear Response

Question No: 42

Multiple Choice (Select 1 out of 4 options, for the question below.)

If x+1/2x = 2, find the value of $8x^3+1/x^3$

Options

- ⦿ 40
- ◯ 20
- ◯ 28
- ◯ 35

Clear Response

03 04 05

08 09 10

13 14 15

18 19 20

23 24 25

28 29 30

33 34

37 38 40

42 44

47

52 53 54 55

57 53 59 60

62 63 64 65

67 68 69 70

72 73 74 75

76 77 73 79

81 82

Question No: 43

Multiple Choice (Select 1 out of 4 options, for the question below.)

In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further

Options

○ 20 litres

○ 30 litres

○ 40 litres

◉ 60 litres

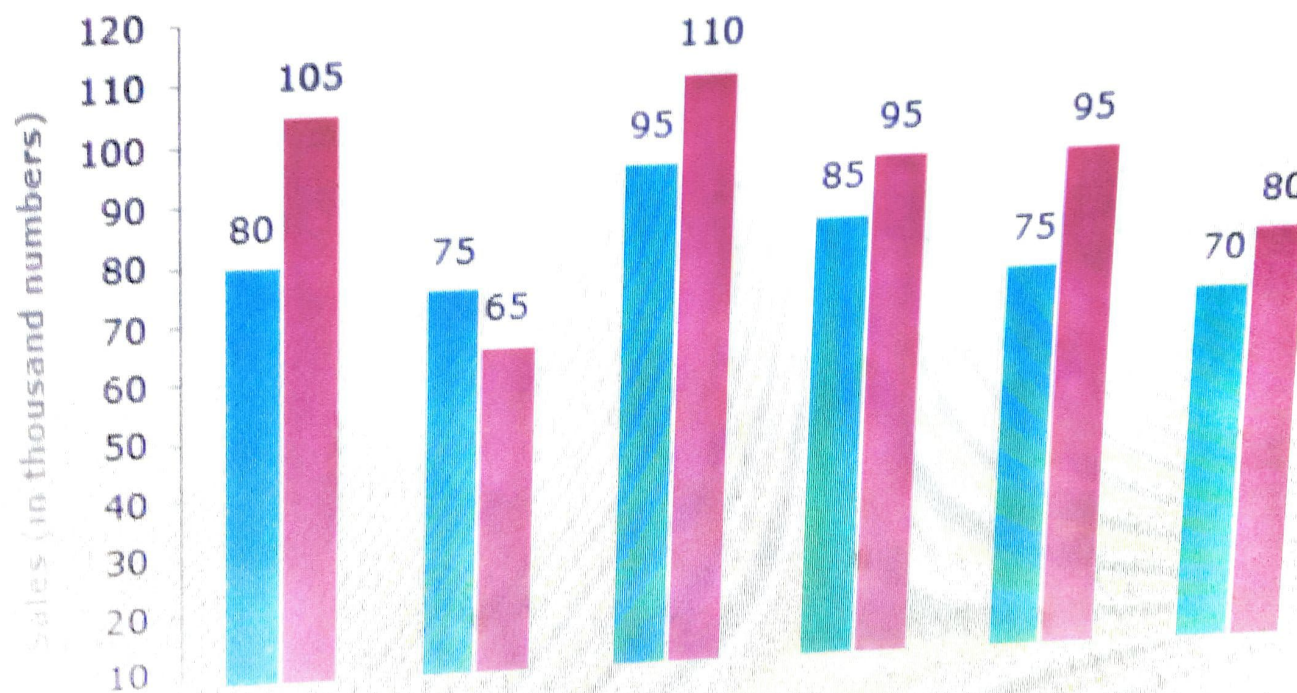Clear Response

The bar graph given below shows the sales of books (in thousand number) from six branches of a publis

years 2000 and 2001.

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Comp

- ◯ 2 03
- ◯ 3 05
- ◯ 4 05
- 7 09

Question No: 46

Multiple Choice (Select 1 out of 4 options, for the question below.)

How long does a train 165 meters long running at the rate of 54 kmph take to cross a bridge 660 meters in length?

Options

O 45 sec

O 75 sec

⊙ 55 sec

O 54 sec

Clear Response

Multiple Choice (Select 1 out of 4 options, for the question below.)

The average weight of 8 persons increases by 2.5 kg when a new person comes in place of one of them weighing 65 k of the new person?
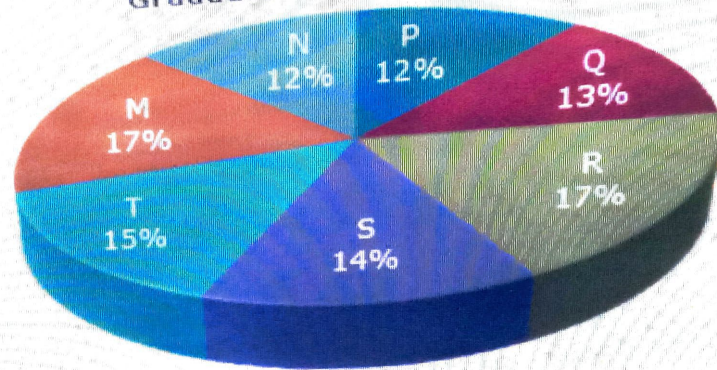
Options

○ 76 kg

○ 76.5 kg

◉ 85 kg

○ Data inadequate

Clear Response

16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85

Distribution of stu...

What is the total number of graduate and post-graduate level students is institute R?

Total Number of Students of
Graduate Level = 27300

N 12%
P 12%
Q 13%
M 17%
R 17%
T 15%
S 14%

Options

- ○ 8320
- ○ 7916
- ○ 9116
- ○ 8099