

3. Production in 1998 = 456,000 units

Sales = 433,200 units

Sales revenue = $433,200 \times 6 = 25,99,200$

Therefore advt. expense = $25,99,200 \times 4.33\%$

= 1,12,545

Hence [1]

4. Inventory for 1994

Production in '94 = 330,000

Sales = 297,000 therefore inventory = 33,000

Inventory for 1995

Production in 1995 = 340,000

Sales in 1995 = 306,000 therefore inventory = 34,000

Sales for 1996 = 3,60,000

Total sales = $3,60,000 + 34,000 + 33,000 = 4,27,000$ units

Hence [1]

5. Market share = $80/4 = 20\%$

Sales revenue = $345,800 \times 5 = 1,72,90,000$

Therefore market = $1,72,90,000 / 0.20 = 86.45$ lac

Hence [2]

6. Answer is [2]

7. Answer is [1]

The following table can easily explain questions 8 to 12

Names	Arti	Banti	Chetan	Dolly
Amount	Rs38.4	Rs11.6	Rs16.6	Rs33.4

13. While $X=0, Y=5, A=3, B=5$

While $X=2, Y=8, A=5, B=8$

While $X=4, Y=13, A=8, B=13$

Hence [3]

14. While $X=0$, $Y=5$, $A=3$, $B=5$

If X is increased by 5 further values of Y will not be calculated.

Hence [1]

15. The last value of X is 4

Hence [2]

The following table explains the questions 16 to 20

Husband	Wife	Surname	Office
Jai	Beena	Parikh	Air India
Girish	Maya	Sahni	Indian Court
Jayesh	Chand	Natwar	Ashiana
Bala	Preeti	Bakshi	American Court
Pratap	Sangeeta	Joshi	Jet

16. [4] 17. [4] 18. [4] 19. [3] 20. [3]

The following table explains the questions 21 to 25

1	2	3	4	5
B	E	A	D	C

21. [3] 22. [4] 23. [2] 24. [1] 25. [3]