

- 1] 5 2] 4 3] 3 4] 7

Passage 5

Five offices in Mumbai are run by five couples

Husbands: Bala, Girish, Jai, Jayesh, Pratap

Wife: Beena, Chand, Maya, Preeti, Sangeeta

Surname: Bakshi, Joshi, Natwar, Parikh, Sahni

Office: Air India, Jet, Ashiana, Indian Court, American Court

- No husband shares a first name initial with his wife; Only one husband who is not Pratap has an identical initial for his first name and surname, but none of the wives does
- The Air India is run by Jai and his wife
- Girish and Maya are one of the couples
- Chand's husband is Mr. Natwar
- Mrs. Joshi is the owner of Jet and Preeti is the owner of American Court; neither of them is married to Jayesh
- The office run by the Sahni has the word 'Court' as part of its name
- The Ashiana is not run by Mr.Parikh whose wife is not Sangeeta

16. Jai's wife is

- 1] Preeti 2] Chand 3] Maya 4] Beena

17. The Sahni's run the restaurant

- 1] Ashiana 2] Air India 3] Jet 4] Indian Court

18. Which of the men has the surname Natwar

- 1] Bala 2] Pratap 3] Jai 4] Jayesh

19. Which of the following women is Mrs. Joshi

- 1] Preeti 2] Chandni 3] Sangeeta 4] Beena

20. Bala's surname is

- 1] Parikh 2] Joshi 3] Bakshi 4] Sahni

Passage 5

Five brothers have among them a pair of twins who are neither the oldest nor the youngest. E

is older than C but younger than B. D is younger than 3 brothers

21. The youngest is

- 1] A 2] B 3] C 4] D

22. One of the twin pair is

- 1] B 2] C 3] D 4] E

23. The eldest is

- 1] A 2] B 3] C 4] E

24. The one who has as many elder brothers as younger brothers is

- 1] A 2] B 3] E 4] none of these

25. Who is the fourth brother

- 1] A 2] B 3] D 4] E

Explanation to Paper I

1. In 1997 production is 91% of capacity installed

$$\begin{aligned}\text{Therefore} &= 91 \times 400,000 / 100 \\ &= 364,000\end{aligned}$$

Hence [3]

2. 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 = 360,000

Total sales = 360,000 + 34,000 + 33,000 = 427,000 units

Sales revenue = 427,000 * 4.84

= 2,066,680

Hence [2]