

IBPS PO PDF

IBPS PO Prep Module
by:

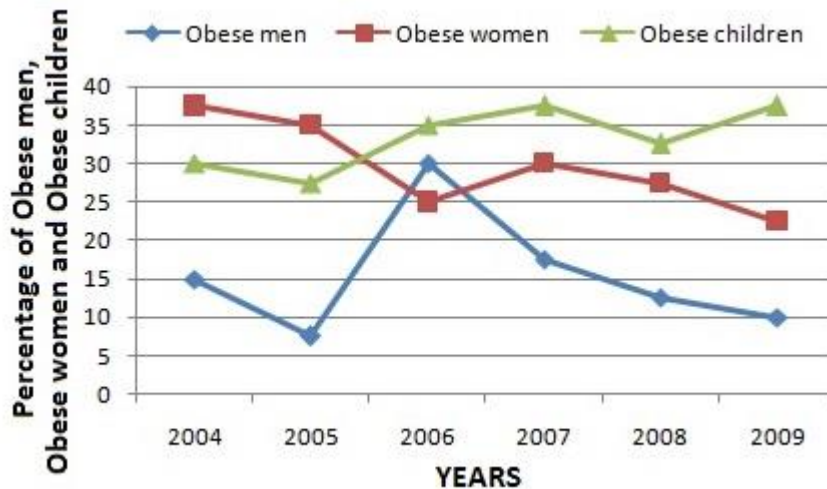
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**30 important questions of Data Interpretation - I
(Quantitative Aptitude)**

DIRECTIONS Q.1 to Q. 5: Study the following graph and table carefully and answer the questions given below it.

Percentage of Obese Men, Obese Women, and Obese Children in a State in various years



Total Number of Men, Women and Children in the state over the years			
Years	Men	Women	Children
2004	54,000	38,000	15,000
2005	75,000	64,000	21,000
2006	63,000	60,000	12,000
2007	66,000	54,000	16,000
2008	70,000	68,000	20,000
2009	78,000	75,000	45,000

- What was the approximate average of obese men, obese women and obese children in the year 2007?
 - 12,683
 - 12,795
 - 11,250
 - 12,843
 - 12,787
- The number of obese men in the year 2009 was what percent of the men not suffering from obesity in the same year?
 - 55.67
 - 11.11
 - 50.5
 - 65.5
 - None of these
- What was the respective ratio of the obese women in the year 2006 to the obese men in the year 2008?
 - 6 : 7
 - 21 : 65
 - 15 : 73
 - 12 : 7

- E. None of these
4. What was the difference between the number of obese women and obese children together in the year 2006 and the number of obese men in the same year?
- A. 300
B. 500
C. 645
D. 255
E. None of these
5. What was the total number of children not suffering from obesity in the year 2004 and 2005 together?
- A. 4,350
B. 31,560
C. 4,530
D. 25,725
E. None of these

DIRECTIONS Q. 6 to Q. 10: Study the following pie chart and table carefully to answer the questions.

Percentage break-up of employees working in various departments of an organization and the number of Females in them	
Department	Number of Females
Production	42
HR	47
IT	49
Marketing	29
Accounts	44

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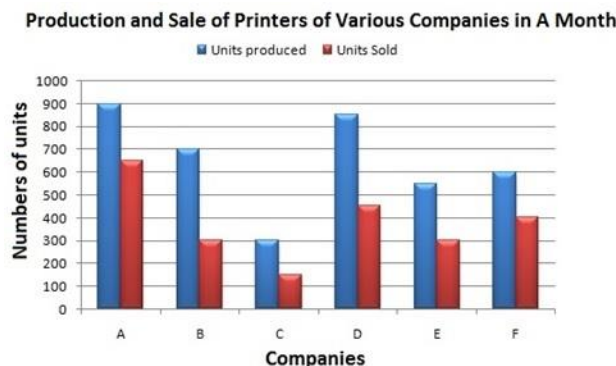
Total Number of Employees = 600



6. The number of Females working in the Marketing department is what per cent of the total number of employees working in that department?
- A. 6
B. 28
C. 11
D. 19
E. 31
7. What is the respective ratio between the number of Males working in the Accounts department and the total number of employees in that department?
- A. 17 : 39
B. 15 : 37

- C. 18 : 43
D. 13 : 41
E. None of these
8. The number of Males working in the Production department of the Organization forms approximately what per cent of the total number of employees working in that department?
A. 61
B. 79
C. 65
D. 70
E. 86
9. The number of Females working in the IT department forms what per cent of the total number of employees in the Organization from all departments together? (Rounded off to two digits after decimal)
A. 8.17
B. 5.23
C. 9.31
D. 7.73
E. None of these
10. What is the respective ratio of the number of Males working in the HR department to the number of Females working in that department?
A. 41 : 68
B. 35 : 59
C. 25 : 47
D. 16 : 33
E. None of these

DIRECTIONS Q. 11 to Q. 15: Study the following graph carefully to answer the question that follow?

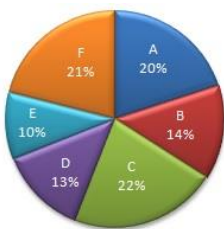


11. What is the average number of Units sold by all the Companies together?
A. 360
B. 390
C. 375
D. 410
E. None of these
12. Which Company had the highest percentage of sale with respect to its production?
A. D
B. B

- C. E
D. A
E. None of these
13. What is the average number of Units produced by all the Companies together?
A. 675
B. 650
C. 625
D. 600
E. None of these
14. The total units sold by these Companies A, B and C together is approximately what per cent of the total units produced of these Companies?
A. 62
B. 50
C. 76
D. 84
E. 58
15. What is the respective ratio of the total production of companies D and E to the total sale of the same Companies?
A. 28 : 15
B. 9 : 5
C. 15 : 11
D. 2 : 3
E. None of these

DIRECTIONS Q. 16 to Q. 20: Study the following information carefully and answer the given questions.

There are six companies, namely A, B, C, D, E and F, which produce two models (M_1 and M_2) of an item. The given pie-chart shows the percentage distribution of total production by the given six companies and the table shows the ratio of production of M_1 to that of M_2 and the percentage of profit earned on these items.

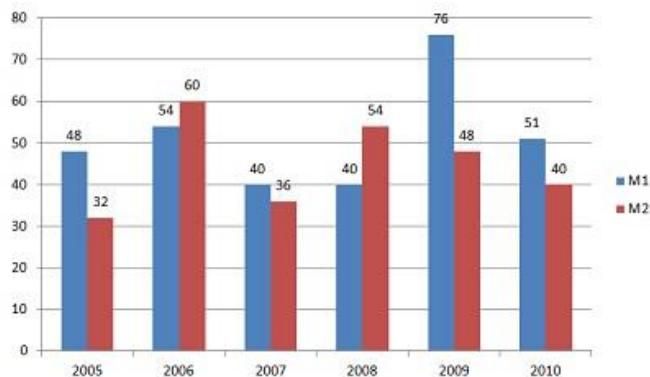


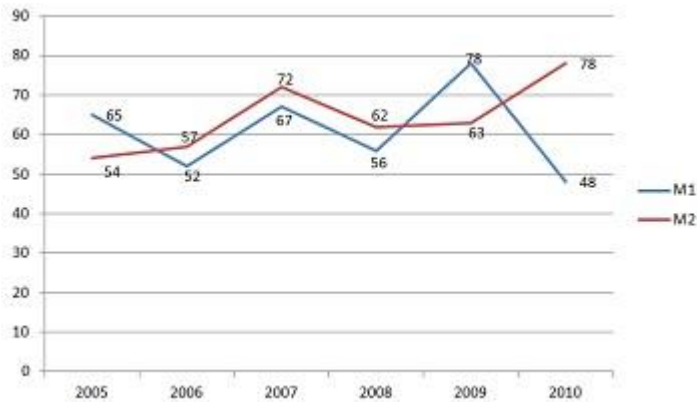
(Total production cost of the six companies is 3.2 crore)

Company	Ratio of production		% Profit earned	
	M_1	M_2	$\%P_{M_1}$	$\%P_{M_2}$
A	13	7	25%	32%
B	9	5	28%	30%
C	6	5	20%	24%
D	6	7	35%	25%
E	2	3	24%	21%
F	11	10	30%	20%

16. What is the total profit earned by Company A on model M_1 (in crore)?
 A. 0.124
 B. 0.112
 C. 0.104
 D. 0.140
 E. 0.122
17. What is the total profit earned by Company B and Company C together on model M_2 (in crore)?
 A. 0.1248
 B. 0.1284
 C. 0.1288
 D. 0.1244
 E. None of these
18. What is the ratio of the cost of production of model M_1 of Company D to that of model M_2 of Company F?
 A. 4 : 5
 B. 3 : 5
 C. 5 : 7
 D. 4 : 7
 E. 1 : 2
19. What is the difference between the profit earned by Company C on model M_1 and the profit earned by Company E on model M_2 (in crore)?
 A. 0.72768
 B. 0.74268
 C. 0.73428
 D. 0.77258
 E. None of these
20. The percentage profit earned by Company B on model M_1 is what percentage of the percentage profit earned by Company D on model M_2 ?
 A. 112%
 B. 89.28%
 C. 61%
 D. 44.64%
 E. Data Inadequate

DIRECTIONS Q. 21 to Q. 25: Following bar-graph shows the number of TV models, M_1 and M_2 produced by a company in different years (in thousand) and the line-graph shows the percentage of sale of these models in different years.

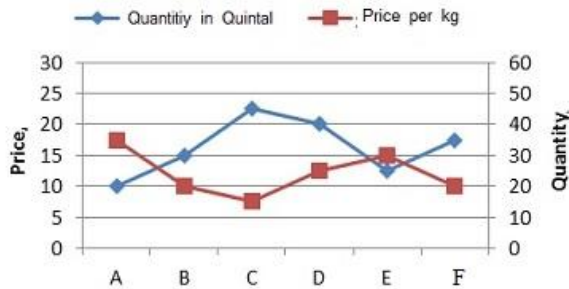




21. What is the total number of TV models M₁ and M₂ sold in the year 2005?
- 44,800
 - 48,840
 - 48,480
 - 48,440
 - 44,880
22. What is the ratio of the total number of TVs of model M₂ unsold in the year 2006 to the total number of TVs of model M₂ produced in 2007?
- 32 : 47
 - 41 : 60
 - 43 : 60
 - 47 : 60
 - 8 : 15
23. In which of the following years the percentage rise/fall in the production of model M₁ is minimum as compared to the previous year?
- 2006
 - 2007
 - 2008
 - 2009
 - 2010
24. What is the percentage rise in the selling of model M₂ from year 2007 to 2008? (Answer in approximate value.)
- 27%
 - 29%
 - 31%
 - 33%
 - 35%
25. What is the total number of TVs of model M₁ sold in all the six years together?
- 1,95,240
 - 1,92,240
 - 1,97,340
 - 1,98,280
 - 1,99,020

DIRECTIONS Q. 26 to Q. 30: The given questions are based on the following graph:

Quantity of sales and the price per kg of various items



26. What is the ratio of the quantity of sale of items E and F?
 A. 15 : 14
 B. 3 : 2
 C. 5 : 7
 D. 7 : 5
 E. None of these
27. If the quantity of sales and price of item A increased by 20% then what is the price of the total quantity sold of item A?
 A. Rs.58,500
 B. Rs.30500
 C. Rs.50400
 D. Rs.25200
 E. None of these
28. The total price of total quantity sold of the item C is what percentage of the total price of total quantity sold of the item E?
 A. 11
 B. 85
 C. 90
 D. 87.5
 E. None of these
29. What is the approximate average cost per kg of the items A, B and C?
 A. Rs.9.5
 B. Rs.8
 C. Rs.7.5
 D. Rs.9
 E. Rs.10.5
30. If the quantity of sales of item D increased by 50% and the price decreased by 10% then what is the price of the total quantity sold of item D?
 A. Rs.675
 B. Rs.6750
 C. Rs.67550
 D. Rs.67500
 E. None of these

1. (C)	2. (B)	3. (D)	4. (A)	5. (D)	6. (D)	7. (A)	8. (B)	9. (A)
10. (C)	11. (C)	12. (D)	13. (B)	14. (E)	15. (A)	16. (C)	17. (A)	18. (B)
19. (E)	20. (A)	21. (C)	22. (C)	23. (C)	24. (B)	25. (B)	26.(C)	27. (D)
28. (C)	29. (A)	30. (D)						

