

# DATA INTERPRETATION

## IBPS Clerk (PRE) Exam 2017

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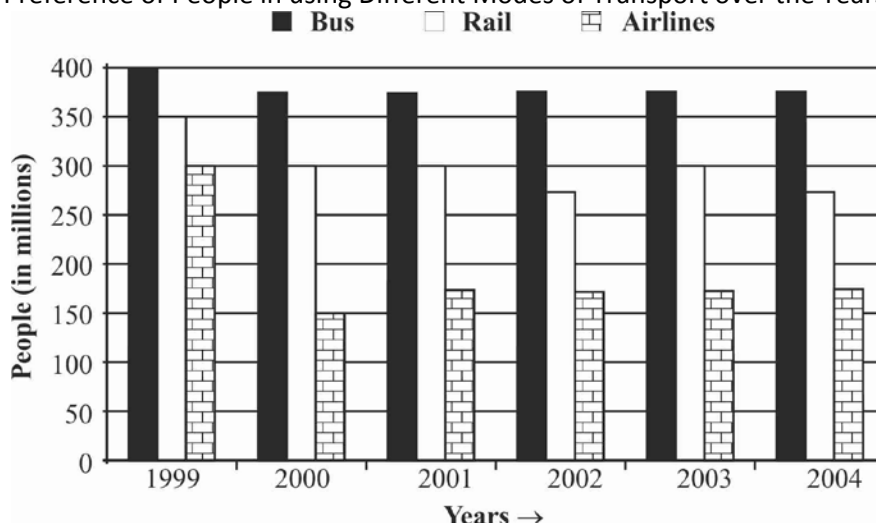
**MAKE MY EXAM**

 How to find unit digit (very useful trick) Number System : By Amit...	 How to convert decimal expansion in rational form P/Q BY Amit .....	 Vice President of India (Qualification, Election & Powers) by Vipin...	 Parts of Speech : PLURAL By Sajid Aman Khan (General English).....
 Number System REMAINDER THEOREM(Part-1) By Amit Pandey .....	 Parts of Speech : NOUN By Sajid Aman Khan (General English).....	 Current Affairs Bulletin of the week II 10 April To 16 April 2017	 President of India (Qualification & Election) By Vipin Goyal
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Directions (Q. 1 – 5) : Study the following graph carefully and answer the question given below.

Preference of People in using Different Modes of Transport over the Years



1. From 1999 to 2004, the total difference between the number of people who preferred to travel by rail and airlines in millions is:

- (A) 700 (B) 650  
(C) 750 (D) 600  
(E) 800

2. The average number of people preferring to travel by rail in 2000, 2002, 2004, was how many million fewer than the average number of people preferring to travel by bus in 1999, 2000, 2003 ?

- (A) 70 (B) 85  
(C) 75 (D) 90  
(E) None of these

3. In 2001, the people preferring to travel by bus is approximately what per cent of the people preferring to travel by buses, rail and airlines together in the year 1999 ?

- (A) 35.7 (B) 36.7

Years →

- (C) 37 (D) 36.5

- (E) 35.5

4. What is the respective ratio of the number of people preferring to travel by bus in year 2001 to the number of people preferring to travel by rail in the year 2002?

- (A) 15 : 11 (B) 9 : 7  
(C) 7 : 9 (D) 11 : 15  
(E) None of the above

5. In the year 2003, if all the airlines reduced their rates by 50% and 50% of the people who preferred to travel by rail, now preferred airlines, approximately how much percentage increase will be there in people prefer to travel by air ?

- (A) 88.5 (B) 82.7  
(C) 85.7 (D) 85  
(E) 89.5

Directions (Q. 6 – 10) : Study the following table carefully and answer the question given below.

Number of officers in Various Departments of an organization in Different Scales

Deptt \ Scale	Personnel	Operations	Systems	Accounts	Maintenance	Public Relations
I	225	725	750	300	325	175
II	120	426	576	288	240	150
III	75	250	320	120	85	100
IV	40	126	144	60	30	50
V	25	65	70	35	20	35
VI	4	20	28	15	8	5

6. What is the ratio between the total number of employees in scale III and scale IV respectively?

- (A) 19 : 9 (B) 9 : 19  
(C) 17 : 9 (D) 9 : 17  
(E) None of these

7. Total number of employees in scale VI is what per cent of the total number of employees in scale I and II together ?

- (A) 2.8 (B) 2.4  
(C) 3.6 (D) 3.2  
(E) None of these

8. In Public Relations department the number of employees in scale II is less than the number of employees in systems in scale I by what per cent?

- (A) 70 (B) 75

- (C) 82 (D) 80  
(E) None of these

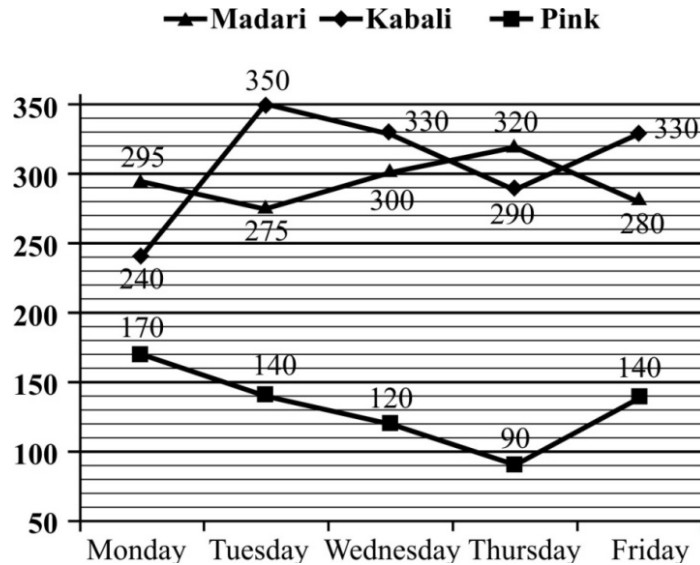
9. Out of the total number of employees in 'Personnel' department, approximately what per cent of employees are in scale II?

- (A) 30 (B) 28  
(C) 22 (D) 20  
(E) 25

10. What approximate percentage of officers are deployed in 'Operations' department in comparison to that of personnel and systems?

- (A) 26.5 (B) 28  
(C) 28.5 (D) 27  
(E) None of the above

Directions (Q. 11 –15) : Given below is the line graph showing the number of people who saw two different movies running in a multiplex on 5 different days.



11. Total number of people who saw movie (any) in the multiplex on Friday is what percent more than that on Monday?

- (A) 5.38% (B) 5.88%  
(C) 6.18% (D) 6.38%  
(E) 6.48%

12. What is the ratio between people watching Kabali on Monday and Wednesday together to the people watching Pink on Monday, Tuesday and Friday together?

- (A) 11 : 12 (B) 19 : 17  
(C) 19 : 18 (D) 19 : 16  
(E) None of these

13. Find the average number of viewers of movie Madari per day.

- (A) 284 (B) 288  
(C) 294 (D) 304  
(E) None of these

14. What is the percentage increase in total number of viewers from Thursday to Friday?

- (A)  $7\frac{2}{7}\%$  (B)  $7\frac{1}{7}\%$   
(C)  $14\frac{2}{7}\%$  (D)  $16\frac{2}{3}\%$   
(E) None of these

15. On which pair of days the total number of viewers are same?

- (A) Monday & Wednesday  
(B) Wednesday & Friday  
(C) Monday & Friday  
(D) Tuesday & Friday  
(E) None of these

Directions (Q. 16 - 20) : Given below is the table showing the Profit(in lakhs) made by six traders over the first 6 months of the year 2016. Study it carefully and answer the following questions:

Month →	January	February	March	April	May	June
Traders ↓						
A	8.40	6.50	6.25	4.80	6.60	7.15
B	4.55	5.65	7.25	5.60	5.50	8.45
C	9.30	4.50	5.65	8.70	6.10	5.25
D	7.40	8.55	5.30	9.30	6.65	7.45
E	6.20	6.35	6.85	8.80	4.95	5.60
F	7.45	7.50	8.30	5.45	6.60	5.40

16. What is the ratio of profit earned by trader D and E together in month February and May respectively to that of A and C together in month January and March respectively ?

- (A)  $\frac{281}{270}$  (B)  $\frac{253}{181}$   
 (C)  $\frac{270}{281}$  (D)  $\frac{170}{181}$   
 (E) None of these

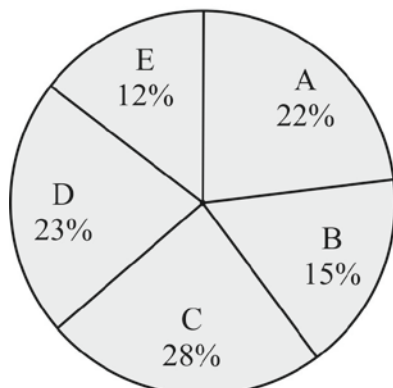
17. What is the approximate decrease in the profit of trader D in the month of May over the previous month ?

- (A) 19 (B) 27  
 (C) 26 (D) 28.5  
 (E) 20

18. What is the average profit (in lakhs) earned by all traders in the first quarter of the year ?

Directions (Q. 21-25) : The following pie charts shows the income of 5 different companies and profit of these 5 companies in 2015. Study it carefully and answer the following questions.

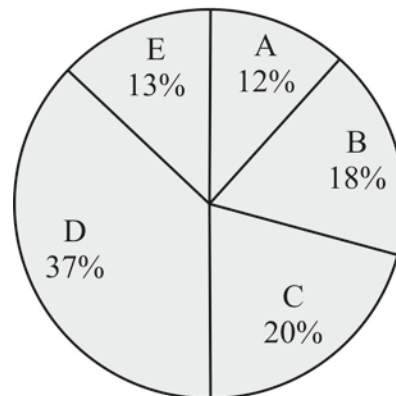
Total income = 375 cr



21. Find the percentage profit of company D ? (approximate)

- (A) 52.4% (B) 53.4%  
 (C) 55.4% (D) 57.4%  
 (E) 58.4%

Total profit = 85 cr



22. Find the income of company A, C and E together.

- (A) 210 cr (B) 222.5 cr  
 (C) 225 cr (D) 230 cr  
 (E) None of these

23. Find the difference between the expenditure of company A and of company E.

- (A) 35.35 cr (B) 38.35 cr  
(C) 40.35 cr (D) 42.35 cr  
(E) None of these

24. Income of company C is how much more than expenditure of company D ?

- (A) 50.2 cr (B) 54.8 cr

- (C) 55.4 cr (D) 60 cr  
(E) None of these

25. Find the overall profit percentage of company A, B, C and D. (taking the income and expenditure of these companies together)

- (A) 28.88% (B) 26.88%  
(C) 27.88% (D) 30.88%  
(E) 32.88%

**Directions (Q. 26-30) : Study the following information carefully and answer the questions given below it.**

Strength (Number of Students) of Seven Institutes Over The Years							
Year	Institutes						
	A	B	C	D	E	F	G
2002	750	640	680	780	740	620	650
2003	700	600	720	800	720	580	720
2004	800	620	730	820	760	640	730
2005	820	660	670	760	750	560	750
2006	740	760	690	790	780	650	680
2007	720	740	700	810	730	630	690
2008	780	700	660	840	720	660	740

26. What is the ratio between total strength of Institutes A, B and C together in 2003 and the total strength of Institutes E, F and G together in 2005 respectively?

- (A) 103 : 101 (B) 101 : 103  
(C) 51 : 53 (D) 53 : 51  
(E) None of these

27. If in 2002, the overall percentage of students passed from all the Institutes is 70%, total how many students passed in 2002 from all the Institutes together?

- (A) 3402 (B) 3420  
(C) 3422 (D) 3382  
(E) None of these

28. If from Institute B, overall 60% students passed for all the given years, approximately what is the average number of students passed?

- (A) 430 (B) 425  
(C) 390 (D) 395  
(E) 405

29. Strength of Institute F in 2004 was what percent of the total strength of that Institute for all seven years together? (Rounded off to two digits after decimal)

- (A) 14.28 (B) 14.98  
(C) 12.90 (D) 14.75  
(E) None of these

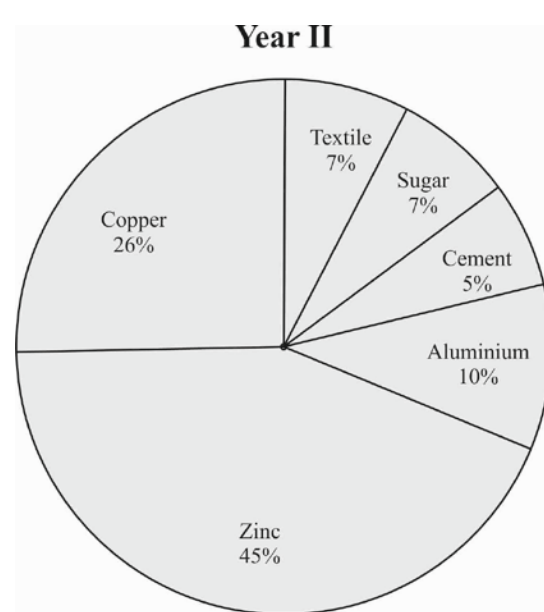
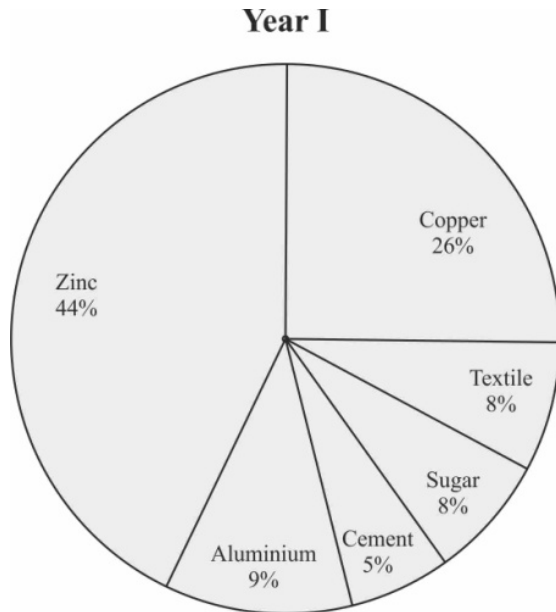
30. What is the difference between the total numbers of students in 2006 for all the Institutes together and total number of students in 2008 for all the Institutes together?

- (A) 50 (B) 70  
(C) 10 (D) 30  
(E) None of these



Directions (Q. 31-35) : Study the pie chart carefully and answer these questions.

The pie charts give the contribution of GDP by six sectors in year I and the contribution to GDP in year II. The total contribution to the GDP by the six sectors in year I was Rs. 1448 crore and Rs. 1585 crore in year II.



- 31.** Which of the sectors of industry witnessed negative growth during the year I to year II?  
 (A) Copper (B) Cement  
 (C) Zinc (D) sugar  
 (E) Aluminium
- 32.** What was the rate of growth (approx) witnessed by the aluminium sector during the period year I to year II?  
 (A) 22% (B) 12%  
 (C) 14% (D) 18  
 (E) None of these
- 33.** Which sector witnessed maximum rate of growth during year I to year II?  
 (A) Cement (B) Aluminium  
 (C) Zinc (D) Sugar  
 (E) None of these
- 34.** The amount contributed by textile sector in year II is how many times that of sugar sector in year I?  
 (A) 1.04 (B) 0.86  
 (C) 0.96 (D) 0.80  
 (E) None of these
- 35.** The contribution of aluminium and textile sectors in year II is approximately what per cent of contribution of cement and sugar in year I?  
 (A) 69% (B) 125%  
 (C) 78% (D) 143%  
 (E) None of these

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