

Directions (Q. Nos. 1-5) Study the following table carefully to answer the questions that follow.

Amount earned (in lacs) by five persons in six different years.

Year	Person				
	A	B	C	D	E
2005	2.24	4.33	5.64	3.73	1.69
2006	1.44	3.34	6.93	5.52	5.52
2007	4.63	2.79	7.52	5.68	4.28
2008	6.65	6.63	5.83	6.74	6.83
2009	5.34	4.5	5.94	8.42	5.53
2010	7.38	5.36	7.84	9.45	9.94

1. What was the average of the earning of Person-B in the year 2006, that of person C in the year 2008 and that of E in the year 2005 together?

- (1) Rs. 3.62 lac (2) Rs. 2.64 lac (3) Rs. 3.64 lac
(4) Rs. 10.86 lac (5) None of these

2. What was the respective ratio between the amount earned by Person-B in the year 2007 and Person-D in the year 2010?

- (1) 32 : 107 (2) 31 : 105 (3) 29 : 107 (4) 32 : 105 (5) None of these

3. What is the approximate per cent increase in the amount earned by Person-D in the year 2010 as compared to the previous year?

- (1) 7 (2) 21 (3) 18 (4) 15 (5) 12

4. Whose earning increased consistently from the year 2005 to the year 2010?

- (1) A (2) B (3) C (4) D (5) E

5. Total amount earned by Person-A in the year 2006 and Person-C in the year 2010 together was approximately what per cent of the amount earned by Person-E in the year 2009?

- (1) 151 (2) 155 (3) 168 (4) 174 (5) 162

Directions (Q. 6-10): Following table shows the number of candidates appeared and qualified in an entrance examination of six schools during the period of 2005-2010.

YEAR	2005		2006		2007		2008		2009		2010	
	A	Q	A	Q	A	Q	A	Q	A	Q	A	Q
S ₁	840	275	625	215	910	525	825	480	890	480	595	390
S ₂	935	355	740	320	885	440	745	360	815	450	615	320
S ₃	715	310	780	410	765	410	550	240	720	410	810	425
S ₄	720	400	575	240	775	350	470	225	590	250	925	540
S ₅	685	275	645	300	810	370	630	310	680	280	780	450
S ₆	760	280	530	225	925	480	690	345	650	375	725	375

A → Appeared, Q → Qualified

6. What is the difference between the total number of candidates who appeared and the total number of candidates who qualified in the year 2006 in all six schools together?

- (1) 2175 (2) 2180 (3) 2185 (4) 2190 (5) 2195

7. For which of the following years the number of candidates who qualified as a percentage of those who appeared for School S₆ is maximum?

- (1) 2005 (2) 2006 (3) 2007 (4) 2009 (5) 2010

8. What is the percentage of the total students who qualified with respect to the total students who appeared for School S₁, taking all six years together?

- (1) 47.24% (2) 50.48% (3) 51.75% (4) 53% (5) 56.25%

9. Which of the following schools has the maximum percentage of students who qualified with respect to the number of candidates who appeared in the year 2009?

- (1) S₁ (2) S₂ (3) S₃ (4) S₅ (5) S₆

10. What is the per cent rise in the number of candidates who qualified from 2009 to 2010 for School S₄?

- (1) 46% (2) 96% (3) 112% (4) 116% (5) 216%

Directions (Q.11-15): Study the table carefully to answer the questions that follow :

Number of animals in grassland of four different countries in five different years.

Year	Country											
	South Africa			China			Sri Lanka			England		
	Tiger	Lion	Bear	Tiger	Lion	Bear	Tiger	Lion	Bear	Tiger	Lion	Bear
1990	145	156	250	320	346	436	280	468	255	423	342	234
1995	134	165	354	445	256	542	354	354	343	368	136	345
2000	120	135	324	583	325	454	433	345	545	354	267	456
2005	110	184	285	466	475	322	343	324	546	562	235	567
2010	160	224	264	411	535	534	535	532	453	349	345	324

11. What is the average of the number of tigers in grassland of Sri Lanka over all the years together?

- (1) 386 (2) 389 (3) 369 (4) 276 (5) None of these

12. What is the difference between the total number of lions and bears in the grassland of England in the year 2005 and the number of tigers in the grassland of South Africa in the year 1995?

- (1) 597 (2) 558 (3) 677 (4) 668 (5) None of these

13. Total number of animals together in grassland, of China in the year 1990 was approximately what percent of total number of bears in the grassland of Sri Lanka overall the years together?

- (1) 44% (2) 56% (3) 41% (4) 47% (5) 51%

14. If 35 percent of the total number of animals in the grassland of China in the year 2010 died due to an epidemic, how many animals remained in the grassland of China in the year 2010?

- (1) 976 (2) 952 (3) 986 (4) 962 (5) None of these

15. What was three fourth of the total number of lions in the grassland of all the four countries in the year 2000?

- (1) 848 (2) 868 (3) 804 (4) 824 (5) None of these

Direction(Q.16-20): Following table shows the marks scored by six students in different subjects:

Student	Subject					
	Maths (150)	Hindi (120)	English (100)	Science (100)	Sanskrit (50)	GK (80)
A	84	66	73	61	24	52
B	75	90	82	54	38	60
C	96	48	65	62	40	44
D	128	75	62	76	34	68
E	108	78	78	70	39	48
F	142	84	48	81	42	38

16. What overall percentage did student B get in all subjects together?

- (1) 62.5% (2) 64% (3) 66.5% (4) 67.5% (5) 72%

17. What is the ratio of the total marks obtained by A to that obtained by F?

- (1) 4:5 (2) 5:6 (3) 5:7 (4) 3:5 (5) None of these

18. What is the average of marks obtained by all the students in Hindi?

- (1) 73.5 (2) 74.5 (3) 75 (4) 76.5 (5) 77.5

19. What is the average percentage of marks obtained by all the students in Maths? (Answer in approximate value)

- (1) 62% (2) 65% (3) 68% (4) 70% (5) 72%

20. The total marks obtained by E is what percentage more than the total marks obtained by A? (Answer in approximate value)

- (1) 9% (2) 11% (3) 13% (4) 15% (5) 17%

Direction for the questions (21-25) : The table below shows the estimated cost (in Rs. Lakh) of a project of laying a railway line between two places.

	1988	1989	1990	1991
1. Surveying	41.5	7.5	2.2	0.5
2. Cement	-	95.0	80.0	75.0
3. Steel	-	70.0	45.0	60.0
4. Bricks	-	15.0	12.0	16.0
5. Other building material	-	25.0	18.0	21.0
6. Labour	2.1	25.0	20.0	18.0
7. Administration	7.5	15.0	15.0	14.0
8. Contingencies	1.0	15.0	4.2	5.0
Total	52.1	267.5	196.4	209.5

Question 21: The total expenditure is required to be kept within Rs. 700 lakh by cutting the expenditure on administration equally in all the years. What will be the percentage cut for 1989?

- (a) 22.6 (b) 32.6 (c) 42.5 (d) 52.6

Question 22: If the length of line to be laid each year is in proportion to the estimated cost for material and labour, what fraction of the total length is proposed to be completed by the third year?

- (a) 0.9 (b) 0.7 (c) 0.6 (d) 0.3

Question 23: What is the approximate ratio of the total cost of materials for all the years to the total labour cost?

- (a) 4 : 1 (b) 8 : 1 (c) 12 : 1 (d) 16 : 1

Question 24: If the cost of materials rise by 5% each year from 1990 onwards, by how much will the estimated cost rise?

- (a) Rs. 11.4 lakh (b) Rs. 16.4 lakh
(c) Rs. 21.4 lakh (d) Rs. 26.4 lakh

Question 25: It is found at the end of 1990, that the entire amount estimated for the project has been spent. If for 1991, the actual amount spent was equal to that which was estimated, by what percent (approximately) has the actual expenditure exceeded the estimated expenditure?

- (a) 39 (b) 29 (c) 19 (d) 9

Direction for the questions (26-30): The following table gives the national income and the population of a country for the years 1984 – 85 to 1989 – 90. For each of the following questions choose the best alternative:

Year	National Income (in Rs. Crore)	Population (in crore)
1984-85	229,225	74.0
1985-86	261,174	75.0
1986-87	291,556	77.0
1987-88	329,934	78.5
1988-89	388,539	80.0
1989-90	433,500	81.5

Question 26: The increase in the per capita income compared to the previous year is lowest for the year:

- (a) 1985-86 (b) 1986-87 (c) 1987-88 (d) 1989-90

Question 27: The per capita income is highest for the year:

- (a) 1984-85 (b) 1985-86 (c) 1987-88 (d) 1989-90

Question 28: The difference between the percentage increase in per capita income and the percentage increase in the population compared to the previous year is highest for the year:

- (a) 1985-86 (b) 1986-87 (c) 1987-88 (d) 1988-89

Question 29: The rate of increase in population was lowest in the year:

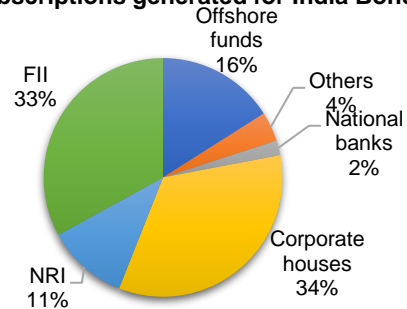
- (a) 1985-86 (b) 1987-88 (c) 1989-90 (d) None of these

Question 30: Increase in the per capita income compared to the previous year among the years given below was highest for the year:

- (a) 1985-86 (b) 1986-87 (c) 1987-88 (d) 1989-90

Pie chart-1. The following pie chart shows the amount of subscriptions generated for India Bonds from different categories of investors.

Subscriptions generated for India Bonds



1. In the corporate sector, approximately how many degrees should be there in the central angle?

- A. 120 B. 121 C. 122 D. 123

2. If the investment by NRI's are Rs 4,000 crore, then the investments by corporate houses and FII's together is:

- A. 24,000 crore B. 24,363 crore
C. 25,423 crore D. 25,643 crore

3. What percentage of the total investment is coming from FII's and NRI's?

- A. 33 % B. 11 % C. 44 % D. 22 %

4. If the total investment other than by FII and corporate houses is Rs 335,000 crore, then the investment by NRI's and Offshore funds will be (approximately)?

- A. 274,100 B. 85,600 C. 293,000 D. CBD

5. If the total investment flows from FII's were to be doubled in the next year and the investment flows from all other sources had remained constant at their existing levels for this year, then what would be the proportion of FII investment in the total investment into India Bonds next year (in US \$ millions) ?

- A. 40 % B. 50 % C. 60 % D. 70 %

6. What is the approximate ratio of investment flows into India Bonds from NRI's to corporate houses?

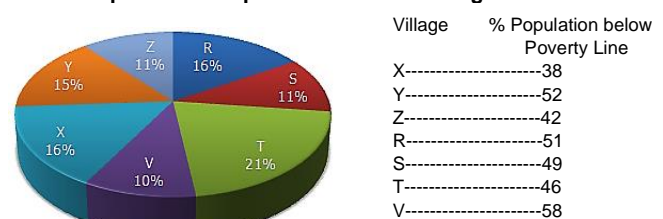
- A. 1:4 B. 1:3 C. 3:1 D. CBD

7. If the inflow from the FIIs after the doubling (of ques 6.) were to the tune of US\$ 500 Million. What would be the total investment into India Bonds next year (in US\$ million)?

- A. 1000 B. 800 C. 1500 D. CBD

Pie chart-2 Study the following pie-chart and the table and answer the questions based on them.

Proportion of Population of Seven Villages in 1997



Village	% Population below Poverty Line
X	38
Y	52
Z	42
R	51
S	49
T	46
V	58

1. If the population of village R in 1997 is 32000, then what will be the population of village Y below poverty line in that year?

- A. 14100 B. 15600 C. 16500 D. 17000

2. The ratio of population of village T below poverty line to that of village Z below poverty line in 1997 is:

- A. 11 : 23 B. 13 : 11 C. 23 : 11 D. 11 : 13

3. Find the population of village S if the population of village X below poverty line in 1997 is 12160.

- A. 18500 B. 20500 C. 22000 D. 26000

4. If in 1998, the population of villages Y and V increase by 10% each and the percentage of population below poverty line remains unchanged for all the villages, then find the population of village V below poverty line in 1998, given that the population of village Y in 1997 was 30000.

- A. 11250 B. 12760 C. 13140 D. 13780

*CBD = Cannot be Determined