



Directions for questions 1 – 8: Answer the question based on the following table:

Loans disbursed BY 5 BANKS (in Rupees Crores)							
BANK	1996	1997	1998	1999	2000		
Α	18	23	45	30	70		
В	27	33	18	41	37		
С	29	29	22	17	11		
D	31	16	28	32	43		
E	13	19	27	34	42		

- In which year was the disbursement of loans of all the banks put together the least as COMPARED to the average disbursement of loans over the years?

 a) 1996
 b) 1997
 c) 1998
 d) 1999
- What was the percentage increase in the disbursement of loans by all the banks together from 1998 to 1999?
 a) 110%
 b) 14%
 - c) 90 % d) 10%
- In which year was the total disbursement of loans by banks A and B exactly equal to the total disbursement by banks D and E?
 a) 1997 b) 2000
 - c) 1998 d) None of these
- 4. For which of the following banks, did the disbursement of loans continuously increase over the years?
 a) A
 b) B
 c) E
 d) D
- 5. If the target loan disbursement for any bank in any year was 20% more than the actual disbursement in the previous year, how many banks reached the target in 1997?
 a) 1 b) 2
 - a) 1 b) 2 c) 3 d) 4
- 6. In which bank was the loan disbursement more than 25% of the loan disbursement by all the banks together in 2000?
 a) A b) B
 - c) C d) D
- 7. In 1998, the top two banks in terms of disbursement together accounted for what percentage of the total disbursement?
 a) 50%
 b) 51.10%
 c) 51.90%
 d) 52.14%
- 8. In the 5-year period, which bank had the highest percentage growth of disbursement?
 a) D
 b) E
 c) A
 d) B

Directions for questions 9 to 12: The following table gives the percentage of marks obtained by seven students in six different subjects in an examination.

The Numbers in the Brackets give the Maximum Marks in Each Subject.

Stude	Subje	Subject (Max. Marks)						
nt	Math s (150)	Chemist ry (130)	Physic s (120)	Geograp hy (100)	Histor y (60)	Comput er Science (40)		
Ayush	90	50	90	60	70	80		
Aman	100	80	80	40	80	70		
Sajal	90	60	70	70	90	70		
Rohit	80	65	80	80	60	60		
Muska n	80	65	85	95	50	90		
Tanvi	70	75	65	85	40	60		
Tarun	65	35	50	77	80	80		

- 9. What are the average marks obtained by all the seven students in Physics? (Rounded off to two digits after decimal)
 a) 74.28 b) 89.14
 c) 91.37 d) 96.11
- 10. The number of students who obtained 60% and above marks in all subjects is?

ww.fun^{b) 2} makers.com a) 1 c) 3

11. What was the aggregate of marks obtained by Sajal in all six subjects?a) 409b) 449

d) 450

- a) 409 c) 429
- 12. What is the overall percentage of Tarun? a) 52.5% b) 55% c) 60% d) 64.5%

Directions for questions 13 to 18: These questions are based on the table given below.

Year Company	2007- 08	2008- 09	2009- 10	2010- 11	2011- 12	2012- 13
BMW	3679	3865	3987	4136	4439	4962
Volkswagen	4387	4593	4864	5348	5883	6998
Maruti	9864	11465	13876	16487	18732	21698
Skoda	2987	3465	3976	4326	4843	5349
Renault	3876	4452	5028	5604	6180	6756
Mahindra	6743	7356	7796	8346	8765	9804

The following table shows the sales value(in Rs. million) of the company BMW, Volkswagen, Maruti, Skoda, Renault and Mahindra from the year 2007-08 to 2012-13.

- 13. Find the total sales of Skoda (in Rs. Lakh) from 2007-08 to 2012-13.
 - a) 24946 b) 25946 c) 24936 d) None of these



14. Find the percentage share of the sales of Mahindra out of the total sales of all six companies in the year 2010-11.

a) 19.04%	b) 18.86%
c) 18.56%	d) 19.36%

15. Find the percentage share of the sales of Renault in the year 2010-11 out of the total sales of Renault in these six years.

a) 18.18%	b) 17.33%
c) 17.57%	d) 18.04%

- 16. If the projected sales of Mahindra in 2013-14 is 25% more than that of the 2012-13. What is the percentage growth in the Volksvagen's projection from 2012-13 sales figure so that the sales of Mahindra and Voklsvagen are equal in 2013-14.
 a) 72.5%
 b) 75%
 c) 66.66%
 d) 77.77%
- 17. If the growth in the sales of any company in any year is at least 10% with respect to the previous year the company is said to be "Achievers". Find the number of ocassions when Skoda holds the tag of "Achievers" in the given years.
 - a) 3 b) 2
 - c) 4 d) 5
- 18. Which of the following company achieved the maximum percentage growth in any of the years 2008-09 to 2012-13 with respect to the previous year.a) BMWb) Volksvagen

c) Mahindra

Directions for questions 19 to 24: Study the following table and answer the questions.

d) Skoda

Number of Candidates Appeared and Qualified in a Competitive Examination from Different States over the Years.

	Year									
State	19	97	19	98	19	99	20	00	20	01
	Арр	Qual								
м	5200	720	8500	980	7400	850	6800	775	9500	1125
Ν	7500	840	9200	1050	8450	920	9200	980	8800	1020
Р	6400	780	8800	1020	7800	890	8750	1010	9750	1250
Q	8100	950	9500	1240	8700	980	9700	1200	8950	995
R	7800	870	7600	940	9800	1350	7600	945	7990	885

- 19. The total number of candidates qualified from all the states together in 1997 is approximate what percentage of the total number of candidates qualified from all the states together in 1998?
 a) 72%
 b) 77%
 c) 80%
 d) 83%
- 20. What is the average number of candidates who appeared from State Q during the given years?
 a) 8700
 b) 8760
 c) 8990
 d) 8920

- 21. In which of the given years the number of candidates appeared from State P has maximum percentage of qualified candidates?a) 1997 b) 1998
 - c) 1999 d) 2001
- 22. What is the percentage of candidates qualified from State N for all the years together, over the candidates who appeared from State N during all the years together?a) 12.36% b) 12.16%
 - c) 11.47% d) 11.15%
- 23. The percentage of total number of qualified candidates to the total number of appeared candidates among all the five states in 1999 is?
 a) 11.49%
 b) 11.84%
 c) 12.21%
 d) 12.57%
- 24. Combining the states P and Q together in 1998, what is the percentage of the candidates qualified to that of the candidate appeared?
 a) 10.87%
 b) 11.49%
 c) 12.35%
 d) 12.54%

Directions for questions 25 – 29: Answer the question based on the following table:

Wife Husband	Post Graduate	Graduate	Class 10 to 12	Less than class 10	Total
Postgraduate	30	65	35	20	150
Graduate	35	85	50	30	200
Class 10 to 12	40	17	38	45	140
Less than class 10	7	15	38	50	110
Total	112	182	161	145	600

- 25. For how many couples is the educational level of both spouses equal?a) 195 b) 203 c) 200 d) 207
- 26. The number of husbands who had lower qualifications than their wives is what percent of the number of couples surveyed?a) 33.4% b) 32.1% c) 28.2% d) 25.3%
- 27. The average number of husbands (in any category), whose wives are postgraduates, is a) 27 b) 30 c) 28 d) 31
- 28. Among the husbands with an educational background of 10-12 class, the category in which the number of wives is closest to the average number of wives in that category, is
 - a) Post Graduate
 - b) Graduate
 - c) 10-12 class
 - d) less than 10th class
- 29. Find the ratio of the number of husbands in a particular category having the highest average number of husbands to that of the total number of husbands.

a) 1 : 3 b) 1 : 4 c) 1 : 5 d) 2 : 5

Direction for questions (30 - 33): Study the paragraph below and answer the questions that follow:

Surveyshwar Ltd conducted two surveys of all its clients across the country, the first in Jan 2.010 and the second in Jan 2017, to see. Which were the most preferred mobile brands. The following information was noted:

- ⇒ All respondents to the survey of 2010 also responded to the survey of 2017, but in 2017 there were several new respondents as well
- ⇒ In both surveys, every respondent reported at most one mobile, phone. Also, in 2010 there were 6 brands represented while in 2017 there were 8 brands represented.

The table below gives the details of the transfers over the given time period. For example 163 users shifted from using an HTC phone in 2010 to using a Samsung phone in 2017 while 78 users shifted from using a Samsung phone in 2010 to using an HTC phone in 2017)

2010 2017	Nok ia	App le	Samsu ng	НТ С	So ny	Blackb erry	New Respond ents
Nokia	103 8	25	88	43	27	18	12
Apple	853	221 3	121	98	647	542	203
Samsu ng	114 5	86	1834	16 3	198	670	227
HTC	625	48	78	87 8	124	187	112
Sony	338	34	56	85	720	146	89
Blackb erry	12	1	2	15	12	623	7
Karbon n	128	43	53	47	72	56	15
Microm ax	363	78	128	53	32	125	27

A user is said to be "brand-loyal" if (s)he uses the same model in both surveys.

- 30. Surveyshwar records the brand which has retained the largest percentage of its original users and the one which has retained the smallest percentage. The names it records, in order, are:
 - a) Apple, Blackberry
 - b) Samsung, Blackberry
 - c) Apple, Nokia
 - d) Samsung, Nokia
- 31. If the brands are arranged in ascending order of number of users in 2017, then which of the following is a correct sequence?
 - a) Karbonn, Micromax, Blackberry, Nokia
 - b) Sony, Samsung, HTC, Apple
 - c) Micromax, Nokia, HTC, Sony
 - d) Sony, HTC, Samsung, Apple
- 32. Using customer base of various mobile brands of Jan 2017, which of the brands had the highest percentage of brand loyal customers?a) Blackberryb) Samsung
 - c) Apple d) Nokia



- 33. Which mobile brand saw the largest percentage change in the total number of users in 2017 with respect to 2010?a) Nokiab) Apple
 - a) Nokia c) Samsung
- d) Blackberry

Direction for question (34-38): Study the tables given below and answer the question that follows.

Ghosh Babu surveyed his companies and obtained the following data. Income tax is paid from profit before tax and the remaining amount is appointed to dividend and retained earnings. The retained earnings were accumulated into reserves. The reserves at the beginning of 1991 were Rs. 80 lakh.

Figure (Rs. In Lakh)	1994	1993	1992	1991
Share Capital	0310	0205	0098	0098
Sales	6435	4725	2620	3270
Profit before tax	0790	0525	0170	0315
Dividends	0110	0060	0030	0030
Retained earnings	0400	0245	0070	0140

- 34. The amount of the reserves at the end of 1994 is a) Rs. 935 lakh b) Rs. 915 lakh
 - a) Rs. 230 lakh d) None
- 35. In which year the profit before tax per rupee of sales was the highest?
 a) 1991
 b) 1992
 c) 1993
 d) 1994
- 36. In which year was the percentage addition to reserves over previous years reserves the highest?
 a) 1991
 b) 1992
 c) 1993
 d) 1994
- 37. In which year were the dividends per rupee of 'profit before tax' lowest?
 - a) 1991 b) 1992
 - c) 1993 d) 1994
- 38. In which year were the sales per rupee of share capital highest?
 - a) 1991 b) 1992 c) 1993 d) 1994

DIRECTIONS for question (39 - 42): Study the paragraph below and answer the questions that follow:

Abdul has 8 factories, with different capacities, producing boutique kurtas. In the production process, he incurs raw material cost, selling cost (for packaging and transportation) and labour cost. These costs per kurta vary across factories. In all these factories, worker takes 2 hours to produce a kurta. Profit per kurta *is* calculated by deducing raw material cost, selling cost and labour cost from the selling price (Profit = selling price - raw materials cost - selling cost - labour cost). Any other cost can he ignored.

Exhibit: Business Details of Abdul's 8 Factories

	Production Capacity	Selling Price/ Kurta	Profit/ Kurta	Selling Cost/ Kurta	Labour Cost/ Hour
#	(No. of Kurtas)	Rs.	Rs.	Rs.	Rs.
Factory 1	2500	4800	775	60	450
Factory 2	1500	5300	800	45	400
Factory 3	800	5800	900	60	550
Factory 4	1000	5500	800	68	450
Factory 5	1500	5400	600	75	600
Factory 6	1100	6000	875	65	400
Factory 7	2500	4900	500	85	350
Factory 8	2000	5300	600	70	420

- 39. Which of the following options is in decreasing order of raw materials cost?
 - a) Factory 3, Factory 4, Factory 7, Factory 5
 - Factory 4, Factory 3, Factory 2, Factory 5 b)
 - Factory 6, Factory 3. Factory 5, Factory 7 c)
 - d) Factory 6, Factory 8, Factory 7, Factory 2
 - e) Factory 8, Factory 3, Factory 2, Factory 4
- 40. Which of the factories listed in the options below has the lowest sales margin (sales margin = profit per kurta divided by selling price per kurta)?
 - b) Factory 4 a) Factory 2
 - c) Factory 5 d) Factory 6
 - e) Factory 7
- 41. Abdul has received an order for 2,000 kurtas from a big retail chain. They will collect the finished prepackaged kurtas directly from the factories, saving him the selling cost. To deliver this order, he can use multiple factories production. Which of the following options will ensure maximum profit from this order?
 - a) Factory 1
 - b) Factories 2 and 3
 - c) Factories 4 and 6
 - d) Factories 3, 6 and 4
 - e) Factory 1 or Factory 7 or Factory 8
- 42. Abdul has introduced a new technology in all his factories. As a result, a worker needs just 1.5 hours



to produce a kurta. If raw materials cost and selling cost remain the same, which of the factories listed in the options below will yield the highest profit per kurta?

- a) Factory 2
- b) Factory 3
- c) Factory 4

d) Factory 5

e) Factory 6

Direction for questions (43 – 45): Study the paragraph below and answer the questions that follow:

For admission to various affiliated colleges, a university conducts a written test with four different sections, each with a maximum of 50 marks. The following table gives the aggregate as well as the sectional cut-off marks fixed by six different colleges affiliated to the university. A student will get admission only if he/she gets marks greater than or equal to the cut-off marks in each of the sections and his/her aggregate marks are at least equal to the aggregate cut-off marks as specified by the college.

	Se	Sectional Cut-off Marks						
	Section	Section	Section	Section	Cut-off			
	Α	В	С	D	Marks			
College 1	42	42	42		176			
College 2		45	45		175			
College 3			46		171			
College 4				45	178			
College 5	45		43		180			
College 6		41		44	176			

43. Aditya did not get a call from even a single college. What could be the maximum aggregate marks obtained by him

a) 181	b) 176	
c) 184	d) 196	e) 190

44. Bhama got calls from all colleges. What could be the minimum aggregate marks obtained by her

a) 160	101 (0	
c) 196	d) 176	e) 184

45. Charlie got calls from two colleges. What could be the minimum marks obtained by him in a section a) 0 b) 21 c) 25 d) 35 e) 41

Answer Key

1. A	2. D	3. D	4. C	5. C	6. A	7. D	8. C	9. B	10. B
11. B	12. C	13. A	14. B	15. C	16. B	17. A	18. B	19. C	20. C
21. B	22. C	23. B	24. C	25. B	26. D	27. C	28. C	29. A	30. A
31. D	32. C	33. B	34. A	35. D	36. A	37. D	38. A	39. C	40. E
41. D	42. B	43. C	44. B	45. C					