TABULAR DI

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Q1)

Study the following table and answer the questions based on it.

Expenditures of a Company (in Lakh Rupees) per Annum Over the given Years.

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

1. What is the average amount of interest per year which the company had to pay during this period?

(a) Rs. 32.43 lakhs

(b) Rs. 33.72 lakhs

(c) Rs. 34.18 lakhs

(d) Rs. 36.66 lakhs

2. The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period?

(a) 0.1%

(b) 0.5%

(c) 1%

(d) 1.25%

3. Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002?

(a) 62%

(b) 66%

(c) 69%

(d) 71%

4. The total expenditure of the company over these items during the year 2000 is?

(a) Rs. 544.44 lakhs

(b) Rs. 501.11 lakhs

(c) Rs. 446.46 lakhs

(d) Rs. 478.87 lakhs

5. The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately?

(a) 4:7

(b) 10:13

(c) 15:18

(d) 5:8

Q2)

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.

Student	Subject (Max. Marks)					
	Maths	Chemistry	Physics	Geography	History	Computer Science
	(150)	(130)	(120)	(100)	(60)	(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
Muskan	80	65	85	95	50	90
Tanvi	70	75	65	85	40	60
Tarun	65	35	50	77	80	80

1. What are the average marks obtained by all the seven students in Physics? (rounded off to two digit after decimal)

(a) 77.26

(b) 89.14

(c) 91.37

(d) 96.11

2. The number of students who obtained 60% and above marks in all subjects is?

(a) 1

(b) 2

(c) 3

(d) None

3. What was the aggregate of marks obtained by Sajal in all the six subjects?

(a) 409

(b) 419

(c) 429

(d) 449

4. In which subject is the overall percentage the best?

(a) Maths

(b) Chemistry

(c) Physics

(d) History

5. What is the overall percentage of Tarun?

(a) 52.5%

(b) 55%

(c) 60%

(d) 63%

Q3)

Study the following table and answer the questions.

Classification of 100 Students Based on the Marks Obtained by them in Physics and Chemistry in an Examination.

Subject	Marks out of 50				
	40 and above	30 and above	20 and above	10 and above	0 and above
Physics	9	32	80	92	100
Chemistry	4	21	66	81	100
Average (Aggregate)	7	27	73	87	100

1. What is the difference between the number of students passed with 30 as cut-off marks in Chemistry and those passed with 30 as cut-off marks in aggregate?

(a) 3

(b) 4

(c) 5

(d) 6

2. If at least 60% marks in Physics are required for pursuing higher studies in Physics, how many students will be eligible to pursue higher studies in Physics?

(a) 27

(b) 32

(c) 34

(d) 41

3. The percentage of number of students getting at least 60% marks in Chemistry over those getting at least 40% marks in aggregate, is approximately?

(a) 21%

(b) 27%

(c) 29%

(d) 31%

4. The number of students scoring less than 40% marks in aggregate is?

(a) 13

(b) 19

(c) 20

(d) 27

5. If it is known that at least 23 students were eligible for a Symposium on Chemistry, then the minimum qualifying marks in Chemistry for eligibility to Symposium would lie in the range?

(a) 40-45

(b) 30-40

(c) 20-30

(d) Below 20

Q4)

The following table gives the sales of batteries manufactured by a company over the years.

Number of Different Types of Batteries Sold by a Company Over the Years (Numbers in Thousands)

| Year | Types of Batteries | | | | | |
	4AH	7AH	32AH	35AH	55AH	Total
1992	75	144	114	102	108	543
1993	90	126	102	84	126	528
1994	96	114	75	105	135	525
1995	105	90	150	90	75	510
1996	90	75	135	75	90	465
1997	105	60	165	45	120	495
1998	115	85	160	100	145	605

1. What was the approximate percentage increase in the sales of 55AH batteries in 1998 compared to that in 1992?

(a) 28%

(b) 31%

(c) 33%

(d) 34%

2. The total sales of all the seven years is the maximum for which battery?

(a) 4AH

(b)7AH

(c) 32AH

(d) 35AH

3. What is the difference in the number of 35AH batteries sold in 1993 and 1997?

(a) 24000

(b) 28000

(c) 35000

(d) 39000

4. The percentage of 4AH batteries sold to the total number of batteries sold was maximum in the year?

(a) 1994

(b) 1995

(c) 1996

(d) 1997

5. In case of which battery there was a continuous decrease in sales from 1992 to 1997?

(a) 4AH

(b) 7AH

(c) 32AH

(d) 35AH

Q5)

The following table shows the number of new employees added to different categories of employees in a company and also the number of employees from these categories who left the company every year since the foundation of the Company in 1995.

Year	Managers		Technicians		Operators		Accountants		Peons	
	New	Left	New	Left	New	Left	New	Left	New	Left
1995	760	-	1200	-	880	-	1160	-	820	-
1996	280	120	272	120	256	104	200	100	184	96
1997	179	92	240	128	240	120	224	104	152	88
1998	148	88	236	96	208	100	248	96	196	80
1999	160	72	256	100	192	112	272	88	224	120
2000	193	96	288	112	248	144	260	92	200	104

1. What is the difference between the total number of Technicians added to the Company and the total number of Accountants added to the Company during the years 1996 to 2000?

(a) 128

(b) 112

(c) 96

(d) 88

2. What was the total number of Peons working in the Company in the year 1999?

(a) 1312

(b) 1192

(c) 1088

(d) 968

3. For which of the following categories the percentage increase in the number of employees working in the Company from 1995 to 2000 was the maximum?

(a) Managers

(b) Technicians

(c) Operators

(d) Accountants

4. What is the pooled average of the total number of employees of all categories in the year 1997?

(a) 1325

(b) 1195

(c) 1265

(d) 1235

5. During the period between 1995 and 2000, the total number of Operators who left the Company is what percent of total number of Operators who joined the Company?

(a) 19%

(b) 21%

(c) 27%

(d) 29%