MODULE 10 – DATA INTERPRETATION

Directions (1 - 5): Study the following table and answer the questions based on it. Expenditures of a Company (in Pesetas) 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. 32.43   B. 33.72   C. 34.18   D. 36.66

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. 1.0%   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. 544.44   B. 501.11   C. 446.46   D. 478.87

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

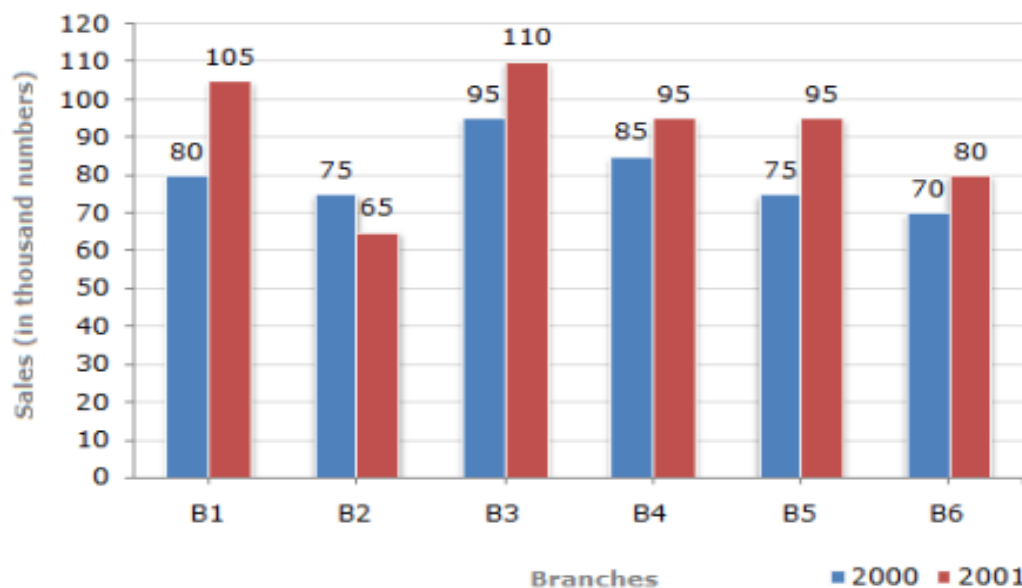**Directions (6 - 10): The following table gives the sales of batteries manufactured by a company over the years.**

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

6. 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%

7. The total sales of all the seven years is the maximum for which battery?
    A. 4AH   B. 7AH   C. 32AH   D. 35AH

8. What is the difference in the number of 35AH batteries sold in 1993 and 1997?
    A. 24000   B. 28000   C. 35000   D. 39000

9. 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

10. In the case of which battery there was continuous decrease in sales from 1992 to 1997?
    A. 4AH   B. 7AH   C. 32AH   D. 35AH

Directions (11 - 15): The bar graph given below shows the sales of books (in thousand number) from six branches of a publishing company during two consecutive years 2000 and 2001.
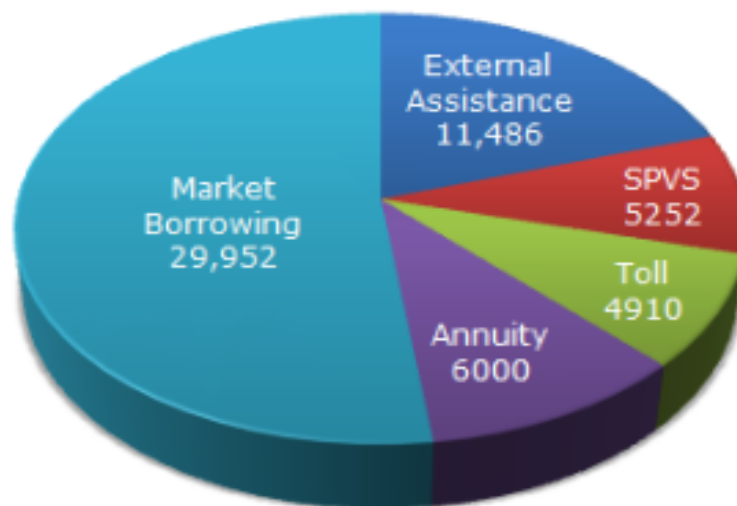

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.

11. What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years?
    A. 2:3   B. 3:5   C. 4:5   D. 7:9

12. Total sales of branch B6 for both the years is what percent of the total sales of branches B3 for both the years?
    A. 68.54%   B. 71.11%   C. 73.17%   D. 75.55%

13. What percent of the average sales of branches B1, B2 and B3 in 2001 is the average sales of branches B1, B3 and B6 in 2000?
    A. 75%   B. 77.5%   C. 82.5%   D. 87.5%

14. What is the average sale of all the branches (in thousand numbers) for the year 2000?
    A. 73   B. 80   C. 8   D. 88

15. Total sales of branches B1, B3 and B5 together for both the years (in thousand numbers) is?
    A. 250   B. 310   C. 435   D. 560

Directions (16 - 20): The following pie-chart shows the sources of funds to be collected by the National Highways Authority of India (NHAI) for its Phase II projects. Study the pie-chart and answers the question that follow.
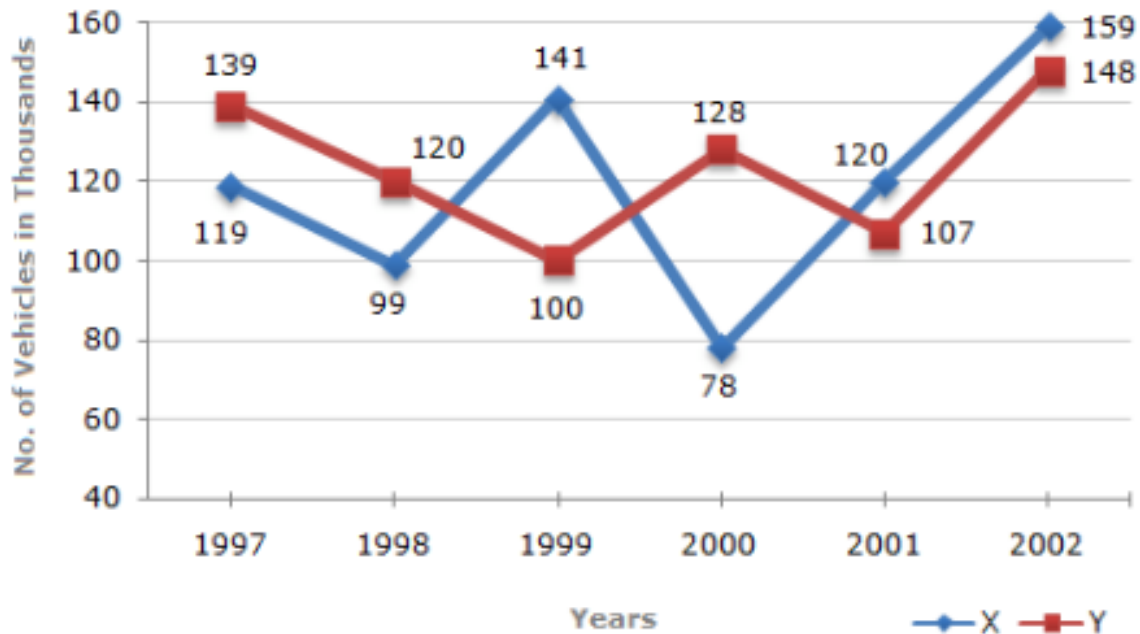
Sources of funds to be arranged by NHAI for Phase II projects (in Yen.)

16. Nearly about 20% of the funds are to be arranged through
    A. SPVS   B. External Assistance   C. Annuity   D. Market Borrowing

17. If NHAI could receive a total of 9695 Yen as External Assistance, by what percent (approximately) should it increase the Market Borrowing to arrange for the shortage of funds?
    A. 4.5%   B. 7.5%   C. 6%   D. 8%

18. If the toll is to be collected through an outsourced agency by allowing a maximum 10% commission, how much amount should be permitted to be collected by the outsourced agency, so that the project is supported with 4910 Yen?
    A. 6213 Yen   B. 5827 Yen   C. 5401 Yen   D. 5316 Yen

19. The central angle corresponding to Market Borrowing is
    A. 52 degree   B. 137.8 degree   C. 187.2 degree   D. 192.4 degree

20. The approximate ratio of the funds to be arranged through Toll and that through Market Borrowing is
    A. 2 : 9   B. 1 : 6   C. 3 : 11   D. 2 : 5

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Directions (21 - 25): Study the following Line graph and answer the question based on it.

Number of Vehicles Manufactured by Two companies ove the Years (Number in Thousands)

21. What is the difference between the number of vehicles manufactured by Company Y in 2000 and 2001 ?
    A. 50000   B. 42000   C. 33000   D. 21000

22. What is the difference between the total productions of the two Companies in the given years ?
    A. 19000   B. 22000   C. 26000   D. 28000

23. What is the average numbers of vehicles manufactured by Company X over the given period ? (rounded off to nearest integer)
    A. 119333   B. 113666   C. 112778   D. 111223

24. In which of the following years, the difference between the productions of Companies X and Y was the maximum among the given years ?
    A. 1997   B. 1998   C. 1999   D. 2000

25. The production of Company Y in 2000 was approximately what percent of the production of Company X in the same year ?
    A. 173   B. 164   C. 132   D. 97