

108 DAYS ONLINE COACHING DAY(93) - 11/06/2020 THURSDAY

Data Interpretation



Name of the candidate *

M3

Place of the candidate *

Thiruvananthapuram

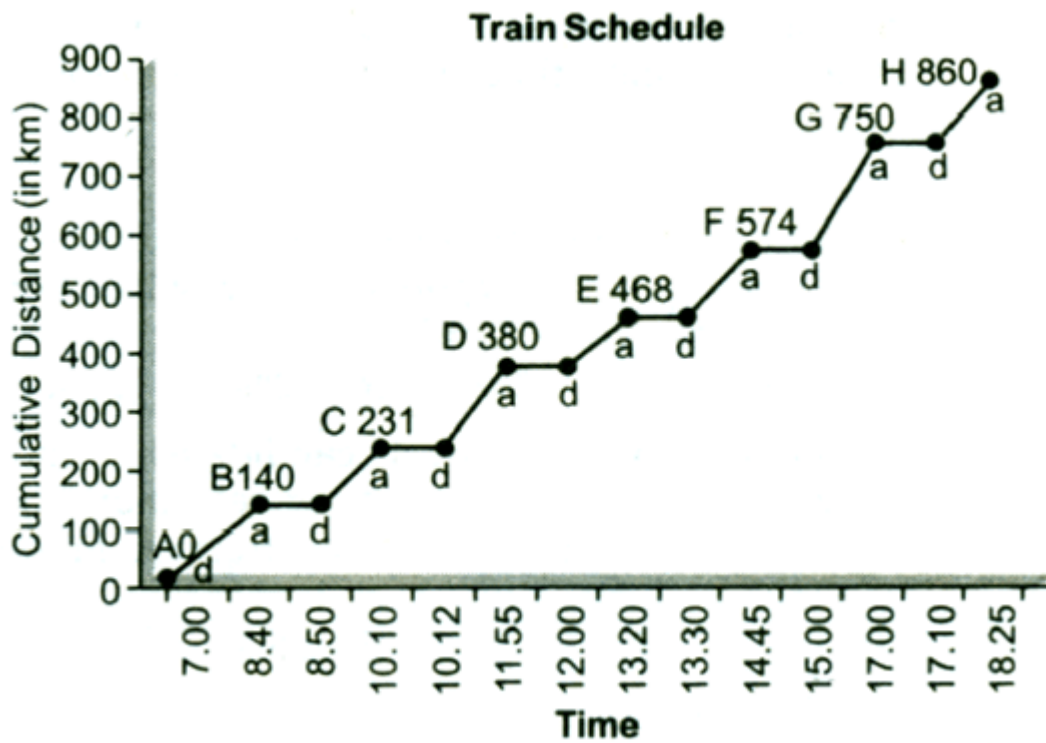
WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM) *

00000

Please watch the following videos and answer the following questions

<https://youtu.be/svAkeAc1dfw>
<https://youtu.be/HfsTDIpleOU>
<https://youtu.be/ratnse7tGjw>
<https://youtu.be/MlbNMZZ49K8>
<https://youtu.be/FTOVviNntiM>
<https://youtu.be/vcrQsgaxCO0>

Direction (1-4) Study the following line graph and answer the questions that are given below it.



1. What is overall average speed (excluding stoppage time) for the entire trip? *

1 point

- a) 46 km/h
- (b) 75 km/h
- (c) 81 km/h
- (d) 65 km/h

2. How much percentage of time was spent travelling between the cities? *

1 point

- (a) 76%
- (b) 42.4%
- (c) 7.6%
- (d) 92%

3. Ratio of total stoppage time in first and second half of the total distance is: *

1 point

- (a) 2 : 1
- (b) 1 : 3
- (c) 3 : 1
- (d) 1 : 2

4. Between how many pairs of consecutive stations does the train run below the overall average speed of the entire trip? * 1 point

- (a) 3
- (b) 2
- (c) 1
- (d) 4

Direction (5 - 9) Study the following table and answer the questions that are given below it.

Item of Expenditure/ Year	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	3.38	36.4	88
2002	420	142	3.96	49.4	98

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: * 1 point

- A. 4:7
- B. 10:13
- C. 15:18
- D. 5:8
- E. 2:3

6.The total expenditure of the Company over these items during the year 2000 is *

1 point

- A. Rs. 544.44 Lakhs
- B. Rs. 501.11 Lakhs
- C. Rs. 446.46 Lakhs
- D. Rs. 478.87 Lakhs
- E. Rs. 612.13 Lakhs

7.What is the average amount of interest per year which the Company had to pay during this period? *

1 point

- A. Rs. 32.43 lakhs
- B. Rs. 33.72 lakhs
- C. Rs. 34.18 lakhs
- D. Rs. 35.69 lakhs
- E. Rs. 36.66 lakhs

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

1 point

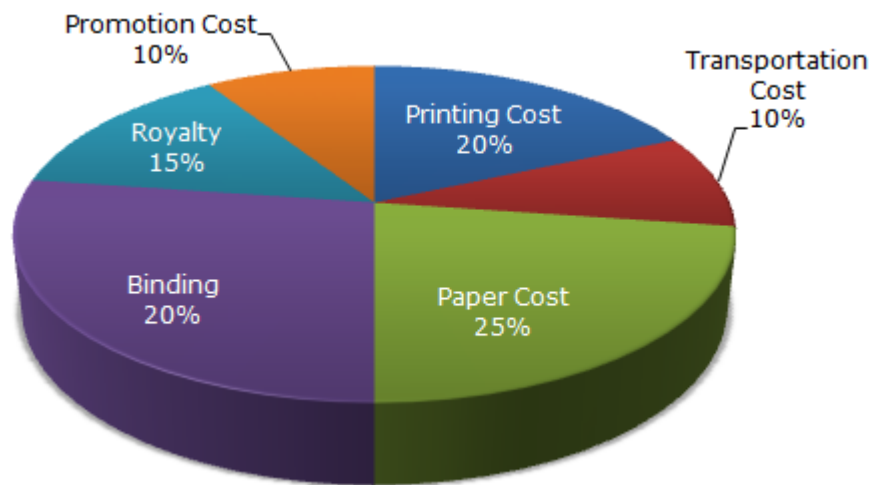
- A. 62%
- B. 66%
- C. 69%
- D. 71%
- E. 73%

9.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? *

1 point

- A. 0.1%
- B. 0.5%
- C. 1%
- D. 1.25%
- E. 1.11%

Direction (10-14) : The following pie-chart shows the percentage distribution of the expenditure incurred in publishing a book. Study the pie-chart and the answer the questions based on it.



10. If for a certain quantity of books, the publisher has to pay Rs. 30,600 as printing cost, 1 point then what will be amount of royalty to be paid for these books? *

- A. Rs. 19,450
- B. Rs. 21,200
- C. Rs. 22,950
- D. Rs. 26,150

11. What is the central angle of the sector corresponding to the expenditure incurred on Royalty? * 1 point

- A. 15°
- B. 24°
- C. 54°
- D. 48°

12. The price of the book is marked 20% above the C.P. If the marked price of the book is Rs. 180, then what is the cost of the paper used in a single copy of the book? * 1 point

- A. Rs. 36
- B. Rs. 37.50
- C. Rs. 42
- D. Rs. 44.25

13. If 5500 copies are published and the transportation cost on them amounts to Rs. 82500, then what should be the selling price of the book so that the publisher can earn a profit of 25%? * 1 point

- A. Rs. 187.50
- B. Rs. 191.50
- C. Rs. 175
- D. Rs. 180

14. Royalty on the book is less than the printing cost by: *

1 point

- A. 5%
- B. $33\frac{1}{5}$ %
- C. 20%
- D. 25%

Direction (15 -20) : Study the following table and answer the questions. Number of Candidates Appeared and Qualified in a Competitive Examination from Different States Over the Years

State	Year									
	1997		1998		1999		2000		2001	
	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.
M	5200	720	8500	980	7400	850	6800	775	9500	1125
N	7500	840	9200	1050	8450	920	9200	980	8800	1020
P	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

15.Total number of candidates qualified from all the states together in 1997 is approximately what percentage of the total number of candidates qualified from all the states together in 1998? *

1 point

- A. 72%
- B. 77%
- C. 80%
- D. 83%

16.What is the average candidates who appeared from State Q during the given years? * 1 point

- A. 8700
- B. 8760
- C. 8990
- D. 8920

17.In which of the given years the number of candidates appeared from State P has maximum percentage of qualified candidates? *

1 point

- A. 1997
- B. 1998
- C. 1999
- D. 2001

18. What is the percentage of candidates qualified from State N for all the years together, 1 point
over the candidates appeared from State N during all the years together? *

- A. 12.36%
- B. 12.16%
- C. 11.47%
- D. 11.15%

19. The percentage of total number of qualified candidates to the total number of 1 point
appeared candidates among all the five states in 1999 is? *

- A. 11.49%
- B. 11.84%
- C. 12.21%
- D. 12.57%

20. Combining the states P and Q together in 1998, what is the percentage of the 1 point
candidates qualified to that of the candidate appeared? *

- A. 10.87%
- B. 11.49%
- C. 12.35%
- D. 12.54%

Direction (21-25) : This table shows that number of candidates appeared and qualified in a competitive examination from different States over the years. Study the table carefully and answer the below 5 questions.

Year →	2001		2002		2003		2004	
State ↓	A	Q	A	Q	A	Q	A	Q
P	18700	1480	12640	1075	16400	1560	14680	2200
Q	14690	735	13480	670	14500	1510	12680	1060
R	10480	1050	12000	960	13700	1550	14600	1750
S	16000	650	12450	625	18400	2000	9600	1050
T	20500	820	16900	1180	12600	1200	13400	1875
U	12780	960	8600	690	15800	1570	12440	1230
V	18400	1850	19600	1765	24800	2728	22400	1950
Total	111550	7545	95670	6965	116200	12118	99800	11115

21. Which of the following states registered the maximum percentage of those qualified with respect to those appeared in 2003? * 1 point

- A. S
- B. T
- C. P
- D. Q

22. For which of the following years the percentage of candidates qualified with respect to those appeared for state V is the minimum? * 1 point

- A. 2000
- B. 2002
- C. 2003
- D. 2004

23. Which of the following state registered a continuous increase with respect to the previous year in the number of candidates qualified? *

1 point

- A. P
- B. Q
- C. V
- D. T

24. What approximately is the average number of candidates qualified in 2004 from the given States? *

1 point

- A. 1585
- B. 1588
- C. 1590
- D. None of the above

25. What is the approximate average number of candidate, appeared from state Q every year? *

1 point

- A. 14480
- B. 14485
- C. 14490
- D. 15936

Thankyou!!

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