

Question Bank for selection from Group 'D' to Group 'C' (Jr.Clerk)
(16 ²/₃ % Matriculates Quota)

A. MATHS:

I. Real Numbers:

1. The area of a square is 4 hectares. Find the length of its side.
2. A house site is in the shape of a square. Its area is 1225 sq. metres. What is its perimeter?
3. The area of a square field is 7396 sq. metres. Find its perimeter?
4. The length and breadth of a rectangular field are in the ratio 4:3. The area of the field is 1 hectare 2288 sq. mts. Find the length and breadth of the field.
5. The length and breadth of a rectangular field are in the ratio 5:3. The area of the field is 1 hectare 3500 sq. mts. Find its perimeter.
6. A field is rectangular in shape and its length is $1\frac{1}{2}$ times its breadth. If its area is 2.4576 hectares, what is its perimeter?
7. A sum of Rs. 1728 is distributed equally among some persons and each got $1\frac{1}{3}$ times as many rupees as there are persons. Find the number of persons?
8. Simplify: $\frac{2}{3} + \frac{4}{9} \times 7\frac{1}{2} + 99\frac{48}{49} \times 245$.
9. Simplify: $\frac{2^1}{25}$ divided by $\frac{9}{20} \times \frac{5}{12}$ divided by $\frac{10}{17}$.
10. Simplify: $\frac{5 \times 5 \text{ minus } 5}{5 \text{ divided by } \frac{1}{5}}$
11. Simplify: $10 - [41 - \{28 + (12 - \overline{3 - 1})\}]$
12. Simplify: $\frac{3.732 \times 3.732 \text{ minus } 1.732 \times 1.732}{3.732 \text{ plus } 1.732}$
13. Simplify: $1.5 + 0.4(2 - 0.5) + 0.1 + 0.4$
14. Simplify: $\frac{7}{8}$ of $\frac{32}{63} + \frac{5}{6}$ divided by $\frac{9}{16}$.
15. If $\frac{1}{3} \cdot 718 = 0.2689$, then $\frac{1}{0.0003718} = ?$
16. A man left $\frac{1}{3}$ rd of his property to his wife and $\frac{3}{5}$ th of the remainder to his daughter. He gave the rest to his son who received Rs. 6400/-. How much was his original property worth?

17. In a school $\frac{4}{9}$ of the pupils are boys. There are 125 girls. How many boys are there?

II. Ratio & Proportion:

18. If $A:B = 3:4$ and $B:C = 5:6$, find $A:C$?
19. If $x:y = 3:4$ and $y:z = 4:5$, find $x:y:z$?
20. If $A:B = 2:3$ and $B:C = 9:5$ find $A:B:C$?
21. If $A:B = \frac{3}{5} : \frac{5}{7}$ and $B:C = \frac{3}{4} : \frac{2}{5}$ Find $A:B:C$?
22. If $R:S = 0.01:0.11$ and $S:T = 2.2:1$, Find $R:S:T$?
23. In a school, Under Sanchayika Scheme, Rekha saves $1\frac{1}{2}$ times the savings of Bindu, Geeta saves 4 times the savings of Rekha. Find the ratio of the savings of all the three in least terms?
24. A certain sum of money is divided between A and B in the ratio of $1\frac{1}{4} : 1\frac{2}{3}$ and A got Rs. 360/-. Find the total sum of money and B's share?
25. In an office, the ratio of the salaries of an officer and a clerk is 15:7. If the salary of a clerk is Rs. 720/- less than the salary of the officer, find the salary of each?
26. In an election to a municipal council, the votes secured by two candidates are in the ratio 13:19. The elected candidate gets 312 votes more than the second candidate. How many votes are secured by the second candidate?
27. A certain sum of money is divided between Murthy and Prasad in the ratio $3\frac{1}{7} : 2\frac{2}{3}$, I Murthy gets Rs. 120/- more than Prasad, find the share of each?
28. In a cricket test series, the runs made by Raju and Tendulkar are in the ratio 5:9 and Tendulkar and Azar are in the ratio 6:7. What are the runs made by them if Azar makes 187 runs more than Raju?
29. Annual incomes of the families of Sita and Latha are in the ratio 4:3 and their annual expenditure are in the ratio 3:2. What is their annual income if they save Rs. 3000/- in a year?
30. The cost of 10 books is Rs. 80/-. Find the value of 15 books?
31. The cost of 48 bags of paddy is Rs. 16,800/-. What is the cost of 36 bags of paddy?
32. Monthly expenditure of a family of 4 members is Rs. 2,800/-. What is the expenditure if there are 3 members in the family?

33. If 18 tones of grass is needed for 12 cattle. How many tones of grass is required for 30 cattle?
34. If 80 men can do a piece of work in 10 days, in how many days can 40 men do the same piece of work?
35. If 80 men can do a piece of work in 10 days, in how many days can 20 men do the same piece of work?
36. If 80 men can do a piece of work in 10 days, how many men are required to do the same work in 4 days?
37. If 80 men can do a piece of work in 10 days, how many men are required to do the same work in 2 days?
38. 36 men can do a piece of work in 12 days, in how many days 9 men can do it?
39. 18 men can dig a well in 10 days. After they have worked for 4 days, how many more men shall be employed to complete the work in 4 days from then?
40. The mess charge for 35 students for 24 days is Rs. 6300/-. In how many days will the mess charges be Rs. 3375/- for 25 students?
41. Rice costing Rs. 480/- is needed for 8 members for 20 days. What is the cost of rice required for 12 members for 15 days?
42. 10 men can lay a road of 75 Km long in 5 days. In how many days can 15 men lay a road of 45 Km long?
43. 24 men working at 8 hours a day can do a piece of work in 15 days. In how many days can 20 men working at 9 hours a day do the same work?
44. 175 men can dig a canal of 3150 metre long in 36 days. How many men are required to dig a canal of 3900 metre long in 24 days?

III. Profit and Loss:

44. If the Cost Price is Rs. 10/- and the Selling Price is Rs. 12, What is the Profit or Loss?
45. If the Cost Price of one book is Rs. 10/- and the Selling Price is Rs. 12/-, what is the Profit or Loss on 100 books?
46. If the Cost Price is Rs. 500/- and Profit is Rs. 50/-, what is the Selling Price?
47. If the Cost Price of 10 bags of Paddy is Rs. 5000/- and the Profit is Rs. 500/- what is the Selling Price of each bag of Paddy?

48. If the Selling Price is Rs. 6/- and loss is Rs. 0.50 ps, what is the Cost Price?
49. If the Cost Price is Rs. 640/- and Selling Price is Rs. 680/- What is the Profit percentage?
50. If the Cost Price is RS. 528/- and Profit is Rs. 44/- What is the Selling Price and what is the profit percentage?
51. A book seller brought a gross of pencils at Rs. 144/- and sells the same in retail at Rs.2/- per pencil. What is the Profit or Loss percentage?
52. A bookseller brought a ream of white paper for Rs. 100/- and sells at 24 sheets for Rs. 6.50 ps. Is there any profit or loss?
53. An animal trader buys a calf for Rs. 800/- and sells at a profit of 10% what is the selling price of the calf?
54. An animal trader burs a cow for Rs. 1200/- and sells at a loss of $8\frac{1}{3}$ % What is the Selling Price of the cow?
55. An animal trader buys a calf and a cow at Rs. 800/- and Rs. 1200/- respectively and sells them at 10% profit and $8\frac{1}{3}$ % loss respectively, what shall be profit or loss percentage on the whole?
56. A purchased an article for Rs. 96/- and sold it at a profit of $8\frac{1}{3}$ % to B. If B sells it at a loss of 5% what shall be the Selling Price of B?
57. By selling coconuts at the rate of Rs. 6/- each, a trader gained 20%. Find the cost of 100 coconuts?
58. Gopi bought a house for Rs. 70,500/- and sold it at a gain of 12%. What is the profit or loss?
59. Gopi bought a house site for Rs. 16,500/- and sells it at a loss of 20% what shall be the loss.
60. Gopi bought a house for Rs. 70,500/- and a site for Rs. 16,500/-. He sells the house at a gain of 12% and the house site at a loss of 20%, what shall be the gain or loss on the whole?
61. A trader sells two cycles at Rs. 1188/- each gains 10% on the first and loses 10% on the second. Find his profit or loss percentage on the whole?
62. A mechanic sells two scooters each at Rs. 10,976/- gaining 12% on the first and losing 2% on the second. Find his gain or loss percent on the whole?

63. A trader gains 20% by selling 25 cycles at a rate of rs. 1200/- each. If the company reduces the price of cycle by Rs. 50/-, what shall be his gain percentage?
64. A fruit merchant purchased some fruits and sold half of them at a gain of 60% and half of the balance at a gain of 20%. The rest are spoiled. Find his gain or loss on the whole?
65. The cost of an article decreases every year by 20% to its previous value. If its value is Rs. 19,200/- after three years, what was its original cost?
66. A sold an article to B at a profit of 5% and B sold it to C at a profit of 10%. If the profit percentages are reversed i.e., if A sold it to B at a profit of 10% and B sold it to C at 5% what is the Cost Price of C?
67. Anil purchased a radio for Rs. 400/- and sold it for Rs. 450/-. What is his profit percentage?
68. Rakesh purchased a bicycle for Rs. 250/- and sold it for Rs. 300/-. What is his gain percentage?
69. Pramod bought 12 litres of Kerosene Oil for Rs. 180/- and sold it at the rate of Rs. 18/- per litre. What is his profit percentage?
70. Govind purchased 15 Kg of Ghee for Rs. 3000/- and sold the ghee in retail at the rate of Rs. 220/- a Kg. What is the profit percentage?
71. Umesh purchased a chair for Rs. 2500/- and sold it for Rs. 1600/-. What is his loss percentage?
72. Mathura purchased a cow for RS. 15000/- and due to certain reasons sold it at Rs. 12000/- What is her loss and what Percentage?
73. Hareram purchased a cow at Rs. 12000/- and incurred an expenditure of Rs. 500/- for its transportation. At what price should he sell to make a profit of 10%?
74. A radio dealer paid Rs. 387.50 ps for a radio. He sold it at Rs. 492.20. If his other expenses are Rs. 12.50 ps. whether he gained or lost what percentage?
75. Raju purchased a bicycle for Rs. 3500/- and sold it at a loss of 20%. Find the price at which he sold the bicycle?
76. Harish purchased a tape recorder for Rs. 4800/-. At what price should he sell it to gain 20% profit?
77. Rajesh purchased 5 dozens of oranges for Rs. 12/- a dozen and sold them at the rate of Re.1.50 ps. each. What is the gain or loss percentage?

78. If the Selling Price of an article is RS. 540/- and the seller incurred a loss of 10%. What is its Cost Price?
79. A fruit seller purchased 25 dozens of bananas at Rs. 20/- and out of them 50 were rotten. If he incurred Rs. 5/- towards transportation, at what price should he sell each banana so that he neither gains nor loses?

IV. Trade Discount:

80. If the Marked Price of an article is Rs. 54/- and discount is Rs. 6/- what is the Selling Price?
81. If the Selling Price of an article is Rs. 42/- and discount is Rs. 3/- what is the Marked Price?
82. If the Marked Price is Rs. 20/- and the discount is Rs. 2/- what is the discount percentage?
83. If the Selling Price is Rs. 35/- and the discount is Rs. 5/- what is the discount percentage?
84. If the discount is 20% and the Marked Price is RS. 250/- what shall be the Selling Price?
85. If the Marked Price is Rs. 1280/- and the discount is $3\frac{1}{8}\%$ what shall be the Selling Price?
86. The marked price of a cycle is Rs. 1280/-. By allowing a discount of 10%, it gives a profit of Rs. 72/-. Find its Cost Price?
87. The Marked Price of a machine is Rs. 18,000/-. By selling it at a discount of 20%, the loss is 4%. What is the Cost Price of the machine?
88. The cost of manufacturer of a tape recorder is Rs. 1150/-. The Marked Price is fixed at 20% above the cost. What percentage of discount may be allowed so that there may be a gain of 8%?
89. The Cost Price of a table is Rs. 250/-. Marked Price is Rs. 300/-. What percentage of discount may be allowed so that there may be a profit of 20%?

V. Simple Interest:

90. If the principal amount is Rs. 45/- and the rate of interest is 5% per annum, What shall be the interest in three years?

91. If the Principal amount is Rs. 1000/- and rate of interest is 6% per annum, what shall be the interest in 3 years six months?
92. On what Principal amount the simple interest payable shall be Rs. 50/- in 2 years at the rate of 5% per annum?
93. On what Principal amount the simple interest payable shall be Rs. 31.50 ps in one year 3 months at the rate of $5\frac{1}{4}\%$ per annum?
94. Find the Principal amount if the simple interest paid is Rs. 312.75 ps in 2 years 3 months at the rate of 6.25% per annum?
95. What is the rate of interest per annum, if the interest payable is Rs. 3/- in two years on a sum of Rs. 60/-?
96. What is the rate of interest per annum, if the interest payable is Rs. 42/- in two years 4 months on a sum of Rs. 180/-?
97. What is the rate of interest per annum, if the interest payable is Rs. 90/- in two years 6 months on a sum of Rs. 1080/-?
98. In how many years a sum of Rs. 6500/- yields a simple interest of Rs. 455/- if the rate of interest is $2\frac{1}{3}\%$?
99. In how many years a sum of Rs. 1875/- yields a simple interest of Rs. 675/- if the rate of interest is 12%?
100. In how many years a sum of Rs. 6500/- becomes Rs. 7670/- at the rate of 6% per annum?
101. What is sum of money that becomes Rs. 2250/- in 2 years at the rate of $12\frac{1}{2}$ percent per annum?
102. Find the rate of interest if the sum of Rs. 2750/- becomes Rs. 3570/- in two years six months?
103. Principal amount is Rs. 1020/-, rate of interest is 8% per annum, What shall be the amount in 3 years 4 months?
104. A certain sum of money amounts to Rs. 312/- at 4% simple interest per annum and Rs. 324/- at 8% simple interest per annum. Find the Principal and period of time?
105. If a certain sum amounts to Rs. 515 in three years and to Rs. 530 in 6 years, find sum and rate of interest.
106. In how many years the interest on Rs. 1200/- at 5% is equal to interest on Rs. 800/- at 7.5% in 2.5 years?

107. In what time will the interest on Rs. 3600 at the rate of 10% be equal to the interest on Rs. 1800 at the rate of $12\frac{1}{2}\%$ in 4 years?
108. In how many years certain sum amounts to (i) double (ii) three times to principal at the rate of $16\frac{2}{3}\%$?
109. At what rate will the interest on Rs. 480 in 15 months equals the interest on Rs. 800 at 5% rate of interest in 9 months?
110. A man borrowed some money at 15% simple interest and cleared the debt at the end of 2 years 8 months, by paying Rs. 9240. Find the sum borrowed.
111. A sum of Rs. 450 amounts to Rs. 495 in 2 years. In what time will the sum of Rs. 820 amounts to Rs. 943 at the same rate?
112. In what time will Rs. 1250/- amount to Rs. 1400/- at 6% per annum?
113. If a certain sum doubles itself in 16 years at simple interest, in how many years will it triple itself?
114. Find the simple interest on a sum of Rs. 1000/- for 4 years at the rate of 3% per annum?
115. Find the simple interest on a sum of Rs. 250/- at 2% per annum for 4 years?
116. Find the simple interest on a sum of Rs. 4000/- for 6 months at the rate of 4% per annum?
117. Find the simple interest on a sum of Rs. 800/- for 4 years at the rate of $2\frac{1}{2}\%$ per annum?
118. Find the simple interest on a sum of Rs. 10/- for 4 months at the rate of 3 ps per rupee per month?
119. Find the simple interest on a sum of Rs. 125/- at the rate of 9% per annum from 25th February to 9th May, 1975?
120. Find the simple interest on a sum of Rs. 700/- at the rate of 2% per annum from 30th September, 1975 to 31st March, 1976?
121. Mahavir helped his friend by giving him Rs. 600/-. The rate of interest was 5% per annum. How much money will he return to Mahavir after 4 years?
122. The interest on Rs. 325/- for 3 years is Rs. 39/- Find the rate of interest per annum?

123. The simple interest on Rs. 1200/- for 5 years is RS. 360/-. Find the rate of interest per annum?
124. A bicycle costs Rs. 2500/- if purchased in cash. It can also be purchased by paying Rs. 250/- per month for a year. Determine the rate of interest?
125. If A gets three times the money invested at the end of 16 years, what is the rate of interest?
126. A sum of Rs. 400/- becomes RS. 480/- in 4 years. What will it amount to if the rate of interest is increased by 2%?
127. If Rs. 500/- becomes Rs. 540/- in 2 years, what is the rate of interest per cent per annum?
128. A sum of money lent out at simple interest amounts to Rs. 2520/- in 2 years and to Rs. 2700/- in 5 years. Find the rate of interest?
129. In what time the simple interest on Rs. 300/- at the rate of 5% p.a. is Rs. 30/-?
130. In what time will Rs. 1100/- amount to Rs. 1331/- at $5\frac{1}{4}\%$ per annum?
131. In what time will the simple interest on RS. 800/- at 5% per annum be the same as the simple interest on RS. 500/- for 8 years at 4% per annum?
132. What sum of money will produce Rs. 286/- interest in $6\frac{1}{2}$ years at 5% per annum?
133. A sum of money lent out at simple interest amounts to Rs. 440/- in 2 years and to Rs. 500/- in 5 years. Find the sum?
134. A man borrowed Rs. 1000/- at 6% per annum. At the end of $3\frac{1}{2}$ years, he cleared his account by paying Rs. 360/- and a horse. What is the cost of the horse?

VI. Compound Interest:

135. Find the amount of compound interest on Rs. 2500 for two years at 12%. Also find the compound interest.
136. Find the amount at compound interest on Rs. 2500 for two years at 6%. Also find the compound interest.
137. In what time will it amount to Rs. 5221.30 on Rs. 3750 (Principal) at 18%?
138. Find the amount in 1 year compounded half yearly on Rs. 5000 at 6%.
139. Find the amount in 6 years compounded for every two years on Rs. 5120 at $6\frac{1}{4}\%$?

140. Find the difference between simple interest and compound interest on Rs. 3200 at 5% rate of interest in 2 years?
141. Ramayya borrowed Rs. 7500 at 16% compound interest. How much he has to pay at the end of two years to clear the loan?
142. Sitamma borrowed Rs. 9600 and it is amounted to Rs. 12150 in two years. Find the rate of compound interest.
143. John borrowed Rs. 2000 from James at 4% Compound interest for First year and at $7\frac{1}{2}\%$ from then. How much amount James gets at the end of third year?
144. A person borrows Rs. 2048 at $6\frac{1}{4}\%$ compound interest. Immediately the sum borrowed is given to another person at the same rate on the condition that the interest is compounded for every half year. Find the amount gained by the first person in $1\frac{1}{2}$ years.
145. A person borrows Rs. 2500. The moneylender has given two options. First is at 4% compound interest the second option is at 6% for first year and at 2% for the second year. Which option is profitable and by how much?
146. In a bank a person deposited Rs.1000/- at 4% compound interest for two years. Now the bank is in the state of bankruptcy. It could pay only 75 paise per a rupee. How much amount does the person receive?
147. A person borrowed Rs. 8000 at 5% compound interest, Rs.1600 was paid back at the end of first year. How much has to be paid at the end of third year?

VII. Percentages:

148. Sunitha scored 17 marks out of 20 in Mathematics. What is her percentage of marks?
149. There are 1500 students in a school. Out of which 20% are Muslims, 15% are Christians and the rest of Hindus. Find the number of Hindus in the school.
150. The population of a village is 1000. Out of which 44% are men, 35% are women and the rest are children. Find the number of children in the village?
151. An army lost 10% of its men in a war. 10% of the remaining died due to illness and 12% of the rest were declared disabled. Thus the strength of the army was reduced to 712800 active men. Find the original strength of the army?
152. A man had Rs. 800/-. He spent 25% of it. How much had he left?

153. A Group D employee has to secure 50% marks to qualify in the examination for promotion to Group C. If he gets 163 marks and fails by 37 marks, find the maximum marks?
154. Kamala gets Rs. 40/- from her father for Diwali. She spends Rs. 10/- on crackers, Rs. 15/- on toys, Rs. 7/- on sweets and saves the balance in a Bank. What percentage of money does she save?
155. There are 500 students in a school. 100 of them come to school by bus, 200 come by bicycle and the rest by foot. What percent students come by foot?
156. Gupta was placed under suspension and his wages were reduced by 50%. Again the reduced wages were increased by 50%. Find the percentage of his loss?
157. The population of a village is found to increase at the rate of 8% every year. If the present population is 6250 find the population after 2 years?

VIII. Partnership:

158. Ram, Sham and Gaurav started a business with Rs. 8000/-, 12000/- and 15000/- respectively. Find their shares of profit of Rs. 7000/- after one year?
159. Mahesh and Ramesh started a business with Rs. 4000/- and Rs. 6000/- respectively. After an year there was a profit of Rs. 1000/-. What is the share of Mahesh in the profit?
160. Mr. X invested Rs. 450/- in a business for 4 months and Mr. Y invested Rs. 600/- for 3 months. What is the share of Mr. Y in the profit of Rs. 400?
161. P and Q started a business with equal capital. But Q withdrew from the business after 9 months. If the profit at the end of the year is Rs. 8540/-, what is the share of each?
162. Lal started a business and after some time Paul joined him. If their investments are in the ratio of 3:4 and their profits at the end of the year are equal, find when Paul joined Lal in the business?
163. Rani started a business with a capital of RS. 2525/- and Vani joined her some time later with a capital of RS. 1200/-. If at the end of the year Rani gets Rs. 1212/- as her share out of the total profit of Rs. 1644/- find when Vani joined her in the business?
164. Ram and Shyam started a business with capitals of Rs. 4000/- and 6000/- respectively and made a profit of Rs. 1500/- what is the share of each of the partners?
165. A, B and C started a business with a capital of Rs. 5000/-, Rs. 7000/- and Rs. 8000/- respectively. At the end of the year there is a profit of Rs. 800/-, find the share of each?

166. A, B and C started a business. A invested Rs. 500/- for 2 years, B invested Rs. 400/- for 15 months and C invested Rs. 300/- for 10 months. If there is a profit of Rs. 192.50 ps, find the share profit of A?
167. Mohan, Mahavir and Bankey hire a house for 2 years and agree to pay Rs. 450/- per annum. They live together for 4 months after which Bankey quits. After another 8 months Mahavir also leaves. Find out the share of rent to be paid by Mohan?

IX. Averages:

168. Find the average of 7, 10, 12, 15 and 16?
169. Find the average of Rs. 9.50 ps., Rs. 0.50 ps., Rs. 8.50 ps., Rs. 5.50 ps.
170. A milk man sold 20 litres of milk on first day, 17.5 litres of milk on second day and 21 litres of milk on third day. Find the average sales of the milk man?
171. A train traveled 52 Kms., in the first hour, 60 Kms., in the second hour and 58 Kms in the third hour. In the fourth hour there was a trouble in the engine and it could run only 26 Kms, Find the average speed of the train?
172. The average age of two children and their father is 17 years. The average age of the two children and their mother is 15 years. If the age of the father 36 years what is the age of the mother?
173. The average age of seven members is 40 and the average age of three of them is 28. Find the average age of the other four?
174. The average expenditure of A for 4 days is Rs. 6/-. If he spends Rs. 7.70 ps on first day, RS. 6.30 ps on second day and s. 10/- on third day, What is his expenditure on fourth day?
175. The average temperature on Monday, Tues and Wednesday is 36°C . The average temperature on Tuesday, Wednesday and Thursday is 38°C and that for Tuesday was 34°C . What was the temperature on Monday?
176. The average score of a cricket player for five innings is 20. If he scored 14, 30, 40 and 10 in 4 innings respectively. How many runs did he score in fifth inning?
177. The average expenditure of a man for the first five months is Rs. 120/- and for the next seven months is RS. 130/-. Find his monthly average income if he saves Rs. 290/- during the year?
178. In a class of 20 boys 5 boys secured 50 marks each in a test, 7 boys 45 marks, 6 boys 25 and 2 boys 15. What was the average score of the class?

179. The average of three numbers is 135. The largest number is 180. If the difference of the other two numbers is 25 find the smallest number?
180. The average marks secured by 18 students is 75, the average marks secured by 18 students is 50 and the average marks secured by 12 students is 30. Find the average marks secured by all?
181. The average of 10 numbers is 13.7. If the average of first 5 numbers is 12.4 and the last 6 numbers is 14.5, find the value of the fifth number.

X. Time & Work:

182. A can do a piece of work in 6 days and B can do the same work in 12 days. How long will they take to complete it, if they both work together?
183. Anil and Sunil work together and finish a work in 8 days. Anil alone can do it in 12 days. How many days will Sunil take to finish the work alone?
184. Raju can do a piece of work in 3 hours. Navin can do it in 6 hours. How long will they take if they both work together?
185. A can do a work in 15 days. B in 25 days and C in 30 days. How long will they take to do the work if they work together?
186. One tap fills a tub in 15 minutes and another tap in 12 minutes. How long does it take to fill the tub, if both the taps are open simultaneously?
187. One tap can fill a tank in 60 minutes while the other can empty it in 50 minutes. If the tank is full and both the taps are opened, in what time will the tank be emptied?
188. Sandeep and Sekhar together can do a piece of work in 15 hours. If Sandeep alone can do it in 20 hours, how long will Sekhar alone take to do the work?
189. A cistern can be filled by a tap in 6 hours. After four hours how much part of the cistern will remain empty?
190. Two taps can fill a cistern in 6 and 7 minutes respectively. If the taps are opened turn by turn each for a minute, find the time taken by them to fill the cistern?
191. A and B can do $\frac{1}{3}$ rd of a work in a day. A alone can do the whole work in 12 days. How long will B take alone to finish the work?
192. A and B can do a piece of work in 10 hours. B and C in 15 hours, while C and A can do it in 12 hours. How long with Raju take to complete the work independently?

193. If 8 men can mow a field in 12 days, in how many days would 6 men mow another field which is 4 times as big?
194. A garrison of 200 men has provision sufficient for 24 weeks. At the end of the first week a reinforcement of 80 men arrives. How long did the food last them?
195. A contractor undertook to build a road in 100 days. He employed 110 men. After 45 days, he found that only $\frac{1}{4}$ could be built. In order to complete the work in time how many more men should be employed?

GENERAL MATHEMATICS

196. $5978+6134+7014=?$ A)16226 B)19126 C)19216 D)19226
197. $18265+2736+41328=?$ A)61329 B)62239 C)62319 D)62329
198. $39798+3798+378=?$ A)43576 B)43974 C)43984 D)49532
199. $9358-6014+3127=?$ A)6381 B)6471 C)6561 D)6741
200. $9572-4018-2164=?$ A)3300 B)3390 C)3570 D)7718
201. $7589-?=3434$ A)721 B)3246 C)4155 D)11023
202. $9548+7314=8362+?$ A)8230 B)8410 C)8500 D)8600
203. $5358 \times 51=?$ A)273258 B)273268 C)273348 D)273358
204. $360 \times 17=?$ A)5120 B)5320 C)6120 D)6130
205. $587 \times 999=?$ A)586413 B)587523 C)614823 D)615173
206. $935421 \times 625=?$ A)57564125 B)584638125 C)584649125
207. D)585628125
208. $12846 \times 593 + 12546 \times 407=?$ A)12846000 B)14203706 C)24038606
209. $1307 \times 1307=?$ A)1601249 B)1607249 C)1707249 D)1708249
210. $12345679 \times 72=?$ A)88888888 B)888888888 C)898989898 D)999999998

211. David obtained 75,65,82,67 and 85 marks(out of 100).What is his average mark?
212. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors in a month of 30 days beginning with Sunday is?
213. The average weight of 16 boys in a class is 50.25 and that of remaining 8 boys is 45.15. Find the average weight of the boys.
214. The average age of 35 students in a class is 16 years. The average age of 21 students is 14. What is the average age of remaining 14 students?
215. The average score of a cricketer in 10 matches is 38.9. If the average for the first 6 matches is 42,find the average of the last 4 matches.
216. 3.5 can be expressed in terms of % as
217. 270 candidates appeared for examination of which 252 passed. The pass % is
218. What % of rupees 2650 is 1987.50? a)60% b)75% c)80% d)90%
219. What % of a day is 3 hours?
220. I gain 70 paise on Rs 70. My gain % is
221. A shopkeeper purchased 70kg of potatoes for Rs 420 and sold the whole lot at the rate of Rs 6.50 per kg. What will be his gain %?
222. 100 oranges are bought at the rate of Rs 350 and sold at the rate of Rs 48 per dozen, The % of profit or loss is:
223. A man buys a cycle for Rs.1400 and sells it at a loss of 15%. What is the selling price of the cycle?
224. A man gains 20% by selling an article for a certain price. If he sells it at double the price, the % of profit will be:
225. A man sold 18 cots for Rs 16,800, gaining thereby the cost price of 3 cots. The cost price of a cot is:
226. A man bought apples at the rate of 8 for Rs 34 and sold them at the rate of 12 for Rs 57. How many apples should be sold to earn a net profit of Rs 45?
227. A fair price shopkeeper takes 10% profit on his goods. He lost 20% goods during theft. His loss percent is:
228. A man buys an article for 10% less than its value and sells it for 10% more than its value. His gain or loss percent is:

229. A cloth merchant sold half of his cloth at 20% profit, half of the remaining at 20% loss and the rest was sold at the cost price. In the total transaction, his gain or loss will be:
230. List price of an article at a showroom is Rs 2000 and it is bring sold at successive discounts of 20% and 10%. Its net selling price will be:
231. A fan is listed at Rs 1500 and a discount of 20% is offered on the list price. What additional discount must be offered to the customer to bring the net price to Rs 1104?
232. The marked price of a watch was Rs 720. A man bought the same for Rs 550.80 after getting two successive discounts, the first being 10%. What was the second discount?
233. A trader marked the selling price of an article at 10% above the cost price. At the time of selling, he allows certain discount and suffers a loss of 1%. He allowed a discount
234. If $A:B:C = 2:3:4$, then $A/B:B/C:C/A$ is equal to:
235. If $A:B = 2:3$, $B:C = 4:5$ and $C:D = 6:7$, then $A:B:C:D$ is:
236. A can finish a work in 18 days and B can do the same work in half the time taken by A. Then, working together, what part of the same work they can finish in a day?
237. A man can do a piece of work in 5 days, but with the help of his son, he can do it in 3 days. In what time can the son do it alone?
238. A can lay railway track between two given stations in 16 days and B can do the same job in 12 days. With the help of C, they did the job in 4 days only. In how many days C alone can do the job?
239. A takes twice as much time as B or thrice as much time to finish a piece of work. Working together, they can finish the work in 2 days. In how many days B can do the work alone?
240. A and B can do a work in 12 days, B and C in 15 days, C and A in 20 days. If A, B and C work together, in how many days will they complete the work?
241. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?
242. A can do a certain work in the same time in which B and C together can do it. If A and B together could do it in 10 days and C alone in 50 days, in how many days B alone could do it?

243. A is thrice as good a workman as B and therefore is able to finish a job in 60 days less than B. In how many days they can do it together?
244. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, what is the fraction of the work left?
245. A does $\frac{4}{5}$ of a work in 20 days. He then calls B and they together finish the remaining work in 3 days. How long B alone would take to do the whole work?
246. Kim can do a work in 3 days while David can do the same work in 2 days. Both of them finish the work together and get Rs 150. What is the share of Kim?
247. If 12 men and 16 boys can do a piece of work in 5 days; 13 men and 24 boys can do it in 4 days, then the ratio of the daily work done by a man to that of a boy is:
248. Two pipes A and B can fill a tank in 20 and 30 minutes respectively. If both the pipes are used together, then how long will it take to fill the tank?
249. Pipe A can fill a tank in 5 hours, pipe B in 10 hours and pipe C in 30 hours. If all the pipes are open, in how many hours will the tank be filled?
250. Three taps A, B and C can fill a tank in 12, 15 and 20 hours respectively. If A is open all the time and B and C are open for one hour each alternately, the tank will be full in:
251. An athlete runs 200 metres race in 24 seconds. What is his speed?
252. How long will a boy take to run round a square field of side 35 metres, if he runs at the rate of 9 km/hr?
253. A truck covers a distance of 550 metres in 1 minute whereas a bus covers a distance of 33 kms in 45 minutes. What is the ratio of their speeds?
254. A train covers a distance of 10 KMs in 12 minutes. If its speed is decreased by 5 k.m.p.h, what will be the time taken by it to cover the same distance?
255. A boy goes to his school from his house at a speed of 3 kmph and returns at a speed of 2 kmph. If he takes 5 hrs in going and coming, what is the distance between his house and the school?
256. A train moves with a speed of 108 kmph. What is its speed in M/Sec?
257. In what time will a train of 100 mts. long cross an electric pole if its speed be 144 kmph?
258. A train of 800 mts. long is running at a speed of 78 kmph. If it crosses a tunnel in one minute. What is its length?

259. A person borrows Rs.5000/- for two years at 4% p.a. simple interest. He immediately lends it to another person at $6\frac{1}{4}\%$ p.a for two years. Find his gain in the transaction for per year.
260. At what rate % of simple interest will the sum of money double itself in 12 years?
261. What is the difference between compound interest on Rs 5000/- for $1\frac{1}{2}$ years at 4% per annum compounded yearly and half-yearly?
262. At what rate compound interest per annum will a sum of Rs 1200/- become Rs. 1348.32 in 2 years?
263. The compound interest on Rs 30000/- at 7% per annum is Rs 4347. What is the time period in years?
264. What will be the difference between simple and compound interest at 10% per annum of a sum of Rs 1000/- after 4 years?
265. What will be the compound interest on a sum of Rs 25000/- after 3 years at the rate of 12%?
266. A invested Rs 8000/- for 2 years at compound interest of 5%.What is the maturity value?
267. The difference between simple and compound interest annually on a certain sum of money for 2 years at 4% per annum is Rs 1. What is the principle?
268. 6 students secured 34, 23, 29, 32, 11, 43 out of 50 marks in a paper. What is the average of the marks?
269. A invested Rs.6500/- at a rate of 12.5% per annum interest for a period of 8 years. How much amount will he get after 8 years?
270. There are 44, 46, 38, 40 students in A, B, C & D sections of 10th class in a school. What is the average students in a class?
271. Aravind has taken Rs.200/- to the market. He has purchased 2 dozens of oranges at Rs.3/- per fruit and 2 dozens of plantains at a cost of Rs.12/- per dozen. What will be the balance he will have?
272. A & B started a business investing a capital at the ratio of 3 : 2. If A's share is 24000/- what is the share of B?
273. What is the simple interest for Rs.2000/- at the rate of $7\frac{1}{2}\%$ p.a. for 5 years?

274. The population of a town during 2000 census was 27860. During 2005 census the population has increased by 5%. Calculate the increase in population.
275. The railway fare to a place by sleeper class is Rs.260/- and AC 3 tier charge is 750/-. If a man purchase 2 sleeper class tickets and 1 AC 3 tier ticket and given Rs. 1500/- what will be the balance he will get?
276. The total emoluments of an employee is Rs.17650/-. Out of this following deductions are made:
PF – 1060, VPF – 5000/-, HRA- 1260/-, HBA – 2300/-, Festival advance 150/, CGIS-30, Professional tax 150. What is his take home salary?
277. What will be the compound interest on a principle of Rs.6000/- in two years at the rate of interest 10% p.a.?
278. A train travelling with 90 KMPH speed covers a distance in $1\frac{1}{2}$ hours. What is the distance ?
279. A purchased a car for Rs. 1,35,000/- and spent Rs. 25,000/- for repairs. At what cost the car was sold if he earned 10% profit on it?
280. How long a train 70 mts long travelling 72 KMPH per hour? Take to pass a station platform of 130 mts long. The time should be given in seconds.
281. A dealer marks his goods 10% above the cost price and allow 10% discount. What does he gain or loose percent?
282. In a Hostel of 50 boys there are provisions for 40 days. If 30 new boys joined how long will these provisions last?
283. AP express running at an average speed of 95 KMPH reached Kazipet from Secunderabad in 1 hour 50 minutes. What is the distance between Secunderabad and Kazipet?
284. The Cost Price of 40 mts of terricotton cloth is Rs. 2440/- Find the cost price of 22 Mts?
285. A pay clerk has the following denominations of currency notes and coins left in the cash box after payment to the staff: What is the total amount with the pay clerk at the close of the day?

Notes	Number of notes	Coins	Number of coins
Rs. 100/- notes	157	Rs. 5/- coins	25
Rs. 50/- notes	132	Rs. 2/- coins	48

Rs. 20/- notes	52	Re. 1/- coins	133
Rs. 10/- notes	18	Rs. 0.50 coins	100

286. In the above question, if the amount left over is equal to 50% of the amount he had before the payment. How much amount he has paid to the staff?
287. In a pit 765 cubic metres of sand can be stored. If the breath of the pit is 17 mts and depth is 1.5 mts what is the length of the pit?
288. A house was purchased for Rs.12,55,000/- and sold for 14,75,000/- What is the gain percentage?
289. One rectangular hall is 18 mtrs long and 2 mtrs wide. If a carpet is to be spread on the floor of the hall at a rate of Rs. 50/- per sqm., what is the total cost of the carpet?
290. A contractor engaged 25 men, 20 women, and 12 boys on a work. Their wages are Rs.120/-, Rs. 100/- and RS. 70/- respectively. In August wage bill prepared by the contractor, showing 6 days holidays, how much amount had he paid to the workers?
291. The population of a village is 55,000. Out of which 68% are farmers, 12% are traders and the balance are Coolies. Find out the number of villagers in each category?
292. An amount of Rs.35,000/- has been given to A&B in the ratio of 5:2. But, by mistake the amount was distributed in the ratio 2:5. Does A gain or loose? How much?
293. A labor earns Rs. 4950/- in 30 days. What will be his earnings if he works for 18 days, 101 days and 300 days?

B. GENERAL ENGLISH AND GRAMMAR

I. Essay Writing: (in about a page or 150 words) (don't use your name of identity)

1. Festivals of India
2. Diwali
3. Dasara
4. Sankranti
5. Holy – the festival of colours.
6. Ramzan
7. Christmas
8. Pen Friends
9. Excursions
10. Television
11. Radio
12. Libraries
13. Computers
14. My teacher whom I like
15. My best friend.
16. Poverty in India
17. My child-hood.
18. My school days.
19. If I were the Prime Minister
20. The Book I like the most

21. The Sport I like the most
22. The cinema I like the most.
23. The National Leader I like the most.
24. The political party I like the most.
25. Important tourist places of Andhra Pradesh
26. My hobby.
27. Dowry system
28. Education in India
29. Population in India
30. Reservation policy in recruitment in India.
31. Constitution of India
32. Superstitions – its effects.
33. Indian Railways
34. S.C. Railway and its divisions.
35. Habits – effects on health.
36. Electronic media.
37. Un-employment in India

II. Letter Writing: in about 100 words (Assume your name as A)

1. A letter to your friend inviting him to spend Vacation with you
2. A letter to your friend describing important sight-seeing places in AP
3. A letter to the Editor about the problems in your locality
4. A letter to the Municipal Commissioner for regular supply of drinking water

5. A letter to the Municipal Commissioner describing the conditions of the roads in your locality.
6. A letter to a leading company for a job of Junior Assistant.
7. A letter to a Post Master complaining about the non-receipt of your parcel from your friend at Bombay.
8. A letter to your Officer requesting sanction of leave
9. A letter to your father about the new job you have taken up recently.
10. A letter to your friend in America describing the problems of un-employment .
11. A letter to your friend inviting him for your marriage.
12. A letter to your father describing your progress in studies
13. A letter to your brother congratulating him at his success in the examination.
14. A letter to your friend describing the annual day function of your school.
15. A letter to your friend expressing condolences on the death of his mother.
16. A letter to a Publisher for supply of certain books by VPP.
17. A letter to a Police Inspector about a theft in your house.
18. A letter to the Editor of a News Papers regarding frequent strikes and bandhs.
19. A letter to your friend expressing your inability to attend his marriage function.
20. A love letter to your girl/boy friend.

III. Grammar:

A. Write the Feminine gender of the following:

Bachelor, Boy, Brother, Buck, Bull/Ox, Horse, Husband, King, Lord, Man, Monk, Cock, Dog, Drake, Father, Gander, Gentleman, Nephew, Sir, Son, Uncle, Author, Host, Lion, Manager, Poet, Duke, Emperor, Prince, Tiger, Master, He, Hero, Grandfather, Man-servant, Landlord, Salesman, administrator, washer-man, Milkman, Grandfather, Papa.

B. Give the Plurals of the following:

Son-in-Law, Daughter-in-Law, Mango, Class, Brush, Branch, Match, Dish, Watch, Buffalo, Potato, Mango, Hero, Dynamo, Solo, Momento, Stereo, Kilo, Baby, Lady, Story, City, Thief, Wife, Wolf, Life, Loaf, Half, Leaf, Knife, Calf, Shelf, Chief, Safe, Man, Mouse, Foot, Tooth, Goose, Ox, Child, Scissors, Spectacles, Cattle, People, Index, Child, Radius, Memorandum,

C. Identify the Adjectives from the following sentences:

- a) Sita is a clever girl
- b) There is little time for preparation
- c) The boy is lazy
- d) She is afraid of the Ghost.
- e) Kolkata is a large city.
- f) He is an honest man
- g) The foolish old crow tried to sing
- h) He has little intelligence.
- i) You have no sense.
- j) We have had enough exercise
- k) He did not eat any rice
- l) There are no pictures in the book
- m) I taught you many things
- n) Sunday is the first day of the week
- o) I hate such things
- p) He comes here every day
- q) He won the second prize.
- r) He was absent last week

D. Fill in the blanks with suitable Adjectives:

- a) The _____ prize was won by him
- b) This is a very _____ matter
- c) Suddenly there arose a _____ storm
- d) The injured man wants _____ advice
- e) India expects _____ man to do his duty
- f) Have you any _____ reasons to give
- g) There were riots in _____ places
- h) I have no _____ cash
- i) He was a man of _____ ambition
- j) The hand has _____ fingers.

E. Give Comparative and Superlative degrees:

Speed, Small, Tall, Bold, Clever, Kind, Young, Great, Fine, White,
Brave, Large, Able, Wise, Happy, Easy, Heavy, Merry, Wealthy, Big, Hot, Thin, Sad,
Fat, Beautiful, Difficult, Good, Bad, Little, Much, Many, Late, Old, Far, poor, less, sharp,
industrious, learned, sweet, strong, good, bad, well, ill, far, in, near, pretty, rich, light.

F. Fill in the blanks with appropriate words:

- a) Prevention is _____ than cure
- b) Tendulkar is the _____ batsman in the world
- c) The pen is _____ than sword
- d) The _____ buildings are found in America
- e) The Pacific is _____ than any other Ocean
- f) Who is the _____ boy in the Class
- g) My Uncle is _____ than my father
- h) Ooty is _____ than Chennai

- i) Mount Everest is the _____ peak of the Himalayas
- j) He is one of the _____ speakers in Telugu
- k) China is the _____ populated in the world
- l) This is the _____ of my two sons

G. Use articles and fill up the blanks:

1. I saw _____ tree in _____ garden.
2. _____ tree I saw was Banyan.
3. He is _____ most intelligent boy.
4. _____ Godavari is _____ longest river in South India.
5. I want _____ cup of tea.
6. _____ Ramayana was written by Valmiki.
7. Iron is _____ useful metal.
8. Honesty is _____ best policy.
9. Tirupati is one of _____ pilgrim centers of Andhra Pradesh.
10. _____ Indians love music.
11. There is _____ insect in the glass.
12. Jack and Jill went up _____ hill.
13. Flowers in _____ garden are beautiful.
14. Gelelio was _____ Italian scientist.
15. _____ thief was sent to _____ prison.
16. He aims to become _____ engineer.
17. My brother is _____ teacher.
18. Spain is _____ European country.

19. I will come in _____ hour.
20. I never saw such _____ incident.
21. This is _____ exercise to test _____ knowledge in English.
22. I went to _____ hospital to see _____ patient.
23. _____ dinner was arranged at _____ Hotel Taj.
24. His vehicle makes _____ loud noise.
25. I saw _____ elephant in _____ zoo.
26. Wordsworth wrote poetry on beauty of _____ nature.
27. What _____ beautiful flower it is!
28. He is _____ best friend of mine.
29. _____ Sun rises in _____ East.
30. You are _____ man to do it.
31. This is _____ historic event.
32. The passengers want _____ help of _____ few volunteers.
33. He is as stupid as _____ ass.
34. _____ Lotus is _____ beautiful flower.
35. Look at _____ sky, how beautiful _____ stars look!
36. She wept like _____ child.
37. According to _____ Bible, God made _____ world in six days.
38. _____ Ambassador should be _____ man of pleasing manners.
39. Mussolini was _____ Hitler of Italy.
40. He is _____ native who knows _____ way in the jungle.
41. Sita is _____ purest woman.

42. _____ Earth is round.
43. Draw _____ map of India.
44. The doctor restored sight to _____ blind.
45. Twelve inches make _____ foot.
46. Not _____ word he said.
47. Wisdom is _____ gift of heaven.
48. Delhi is _____ capital of India.
49. Newton was _____ great philosopher.
50. I met him at _____ church.
51. A bird in _____ hand is worth two in _____ bush.
52. The darkest cloud has _____ silver lining.
53. Copper is _____ useful metal
54. He is not _____ honorable man
55. Do you see _____ blue sky
56. Varanasi is _____ holy city
57. Alladin had _____ wonderful lamp
58. He returned after _____ hour
59. _____ sun shines brightly
60. French is _____ easy language
61. Who is _____ girl sitting there
62. Which is the _____ longest river in India
63. He has come without _____ umbrella
64. Mumbai is _____ very costly place

65. The children found _____ egg in the nest
66. I bought _____ Horse _____ Ox and _____ Buffalo.

H. Fill in the blanks with suitable Relative Pronouns:

- 1) We always like those boys _____ speak the truth
- 2) He _____ does his best shall be praised
- 3) I know _____ you mean
- 4) She has gone to Chennai _____ is her birth place
- 5) He gave away _____ he did not need
- 6) Here is the pen _____ you lost
- 7) Most people get _____ they deserve
- 8) He is a man _____ you can trust
- 9) Where is the book _____ I gave you
- 10) Listen to _____ I say
- 11) Did you receive the letter _____ I sent yesterday?
- 12) Do you know _____ has happened?
- 13) Do the same _____ I do
- 14) God helps those _____ help themselves
- 15) No man can lose _____ he never had
- 16) That man _____ does not work must starve
- 17) He plays the game _____ he likes best
- 18) I do not believe _____ you say
- 19) _____ you say is not true
- 20) I gave it to the man _____ I saw there

- 21) I know _____ you are praising.
- 22) You have not brought the book _____ I asked for
- 23) Please recite _____ you have learnt

I. Join together the following pairs of sentences:

- a) I know a man. The man had been to Iceland.
- b) The thief stole the watch. The thief was punished
- c) Show the road. The road leads to Delhi
- d) I met a boy. He was very kind
- e) The man is honest. The man is trusted
- f) We met a girl. The girl had lost her way
- g) He is a rogue. No one trusts him.
- h) I have found the umbrella. I lost it.
- i) I saw a girl. She was singing.
- j) Here is the book. You were asking for the book.
- k) This is the building. It was built in a month.
- l) I met my Uncle. He had just arrived.
- m) The boy is my cousin. You see him there.
- n) The boy tells lies. He deserves to be punished.
- o) Here is the book. The book contains pictures.
- p) Give me the ruler. The ruler is on the desk.
- q) He has a friend. He is a clever artist.
- r) The boy was very proud. He had won the first prize.
- s) This is the cat. It killed the rat.

J. Split each of the following sentences into two:

- 1) Bring me the book that is on the table.
- 2) The elephant that was sick died.
- 3) I have found the book, which I lost.
- 4) The boy whom you see there made top score in the match.
- 5) He is a poet whose works are widely known.
- 6) The task which you have to do is easy.

K. Change the voice:

- 1) The cat killed the mouse
- 2) The man cut down the tree
- 3) Columbus discovered America
- 4) His teacher praised him
- 5) The police arrested the thief
- 6) The boy caught the ball
- 7) My father will write a letter
- 8) The hunter shot the lion
- 9) The girl opened the door
- 10) Everyone loves him
- 11) We expect good news
- 12) They sell radios here
- 13) I have sold my bicycle
- 14) We prohibit smoking
- 15) Open the door

- 16) He was praised by his father
- 17) The first rail engine was built by George Stephenson
- 18) The horse was frightened by the noise
- 19) The teacher was pleased with the boy's work
- 20) He was taken to the hospital by his friends
- 21) The road was lined with people
- 22) Shakuntala was written by Kalidas
- 23) The building was damaged by fire
- 24) Those cars were built by Robots
- 25) The child was knocked down by a car
- 26) We elected Babu as Captain
- 27) I saw him opening the box
- 28) We must listen to his words
- 29) Without effort nothing can be gained
- 30) Do not insult the weak
- 31) My watch was lost
- 32) The master appointed him monitor
- 33) He made his friend do the work
- 34) Prem Chand wrote this novel
- 35) I bought the baby a doll
- 36) I opened the door
- 37) They know me
- 38) He taught me to read Hindi

- 39) We expect good news
- 40) I offered him a chair
- 41) We must listen to his words
- 42) Who taught you Urdu
- 43) Somebody has put out the light
- 44) The letter was written by the clerk
- 45) He was seen by my brother
- 46) Honey is made by bees
- 47) I was offered a chair
- 48) My watch has been stolen
- 49) The boy was praised by the teacher
- 50) He was chosen leader
- 51) The bird was killed by a cruel boy
- 52) We shall be blamed by everyone
- 53) By whom was this jug broken

L. Fill in the blanks with correct form of verb given in the brackets:

- 1) The earth round the Sun (move,moves,moved)
- 2) My friend the Principal yesterday (see,have seen,saw)
- 3) She worried about something (looks,looking,is looking)
- 4) He asleep while reading (falls,fell,has fallen)
- 5) He a mill in this town (have,has,is having)
- 6) I a strange noise (hear,am hearing,having been hearing)
- 7) Don't disturb me.I my homework (do,did,am doing)

- 8) The soup good (taste,tastes,is tasting)
- 9) He TV most evenings (watches,is watching,watch)
- 10) The baby all morning (cries,has been crying)
- 11) I him at the zoo (saw,have seen,had seen)
- 12) She unconscious since 4'0 clock (is,was,has been)
- 13) The sun over the hills (rises,is rise,is rising)
- 14) When I my dinner,I went to bed (had,have had,had had)
- 15) She jumped off the bus when it (moved,has moved,was moving)

M. Change the verbs into Past Tense in the following:

1. Rama writes to his mother every week
2. She sings sweetly
3. He comes of a good line
4. I know him for an American
5. I forgot his name
6. He gets along fairly well
7. He throws cold water
8. They all tell the same story

N. Convert the simple sentences into compound sentences:

1. Hearing their father's foot steps the boys ran away
2. With a great effort he lifted the box
3. Being a cripple he cannot ride a horse
4. He was rejected owing to illness
5. To avoid punishment he ran away

21. Convert the compound sentences into simple sentences:

1. My friend arrived and went for a walk
2. Be good and you will be happy
3. I ordered to halt but he took no notice
4. I continuously invited him to visit me but he never came
5. He escaped several times but was finally caught
6. He is a good steady worker, only he is rather slow
7. The ink had dried up and I could not write
8. I have lot of work and must do it now
9. He has an unpleasant duty and must perform it
10. He found a rupee and was delighted for his luck

C. GENERAL KNOWLEDGE

I. Expand the abbreviations:

SBF - Staff Benefit Fund

MBF - Mutual Benefit Fund

CCO - Chief Claims Officer

CPRO - Chief Public Relations Officer

CTE - Chief Track Engineer

CBE - Chief Bridge Engineer

CPDE - Chief Planning & Development Engineer

PCE - Principal Chief Engineer

CMPE - Chief Motive Power Engineer

CME - Chief Mechanical Engineer

CWE - Chief Workshop Engineer

CRSE - Chief Rolling Staff Engineer

CEE - Chief Electrical Engineer

CESE - Chief Electrical Service Engineer

CELE - Chief Electrical Loco Engineer

CSTE - Chief Signal & Telecommunication Engineer

CCE - Chief Communication Engineer

COS - Controller of Stores

CMM - Chief Materials Manager

CPO - Chief Personnel Officer

CPO/A - Chief Personnel Officer Administration

CPOIR- Chief Personnel Officer Industrial Relation

COM - Chief Operations Manager

CPTM - Chief Passenger Traffic Manager

CFTM - Chief Freight Traffic Manager

COFMOW – Central Organization for Modernization of Workshop

CPM - Chief Projects Manager

CRB - Chairman Railway Board

CRS - Commissioner Railway Safety

DRM - Divisional Railway Manager

CSC - Chief Security Commissioner

CCM - Chief Commercial Manager

CMD - Chief Medical Director

CAO/C- Chief Administrative Officer/Construction

ADRM-Additional Divisional Railway Manager

FA&CAO- Financial Advisor and Chief Accounts Officer

AGM - Additional General Manager

EDPM- Electrical Data Processing Manager

SWSO- Senior Work Study Officer

IRCON- Indian Railway Construction Organization

IRWO- Indian Railway Welfare Organization

RITES-Rail India Technical & Economic Services

RRB - Railway Recruitment Board

RCT - Railway Claims Tribunal

RRT -Railway Rates Tribunal

ICF - Integral Coach Factory

DLW - Diesel Locomotive Works

CLW - Chittaranjan Locomotive Works

RCF - Rail Coach Factory

RWF - Rail Wheel Factory

CRS - Carriage Prepare Shop

RDSO – Research Design & Standards Organization

IRISET- Indian Railway Institute of Signal Engineering & Telecommunication

CGEGIS - Central Government Employees Group Insurance Scheme

ZRTI – Zonal Railway Training Institute

RDC - Railway Degree College

STC - Supervisor Training Center

APPSC - Andhra Pradesh Public Service Commission

UNICEF - United Nations Children’s Educational Fund

WHO - World Health Organization

LAP - Leave Availed Pay

LHAP – Leave Half Availed Pay

HBA - House Building Advance

RELHS – Railway Employees Liberalized Health Scheme

IREM - Indian Railway Establishment Manual

IRCTC- Indian Railways Catering and Tourism Corporation

RVNL – Rail Vikas Nigam Ltd

UNO – United Nations Organization

ILO – International Labour Organization

II. Fill in the Blanks :

- 1) Lepakshi is in the District of _____
- 2) Bharat Heavy Electricals is at _____
- 3) Nagarjuna Dam is in the State of _____
- 4) Konark Express run between Mumbai _____
- 5) Osman Sagar is situated at _____
- 6) Kovalam Beach is in _____ state
- 7) RCF is situated at _____
- 8) Sun Temple is at _____
- 9) Golcumbaz is at _____
- 10) Qutub Minar is at _____
- 11) Charminar is at _____
- 12) India Gate is at _____
- 13) Gate Way of India _____
- 14) Rail Coach Factory is at _____
- 15) Rail Wheel Factory is at _____
- 16) Integral Coach Factory is at _____
- 17) There are _____ Zones in Indian Railways
- 18) There are _____ Divisions on SC Railway
- 19) Tar is a product of _____

- 20) Steel Plant in AP is at _____
- 21) Fuel used for train Engine is _____ or _____.
- 22) Wagon Workshop is situated at _____ on S.C. Railway.
- 23) Carriage Repair Shop is situated at _____ on S.C. Railway
- 24) ELS stands for _____.
- 25) Electric Loco Sheds are set up at _____ on S.C. Railway.
- 26) Railway Officers are trained at _____.
- 27) A brother who is below _____ years of age can be a dependent to be included in the pass declaration.
- 28) A request to CCM is made for release of berths from _____.

III. Types of Leave:

- 1) _____ days of CL are entitled in a calendar year for staff in administrative office.
- 2) _____ days of Restricted Holidays are entitled in a calendar year
- 3) _____ days of LAP are credited in half a year
- 4) _____ days of LHAP are credited in a year.
- 5) Extra Ordinary Leave of _____ years can be sanctioned at a maximum.
- 6) Maternity Leave is _____ days.
- 7) Paternity leave is _____ days.
- 8) Maximum LAP that can be granted at a stretch is _____ days.

IV. Advances:

- 1) Festival Advance is Rs. _____
- 2) Cycle Advance is Rs. _____.

- 3) Scooter Advance is Rs. _____ in the first occasion.
- 4) Motor Car Advance is Rs. _____ in the first occasion.
- 5) Computer advance is Rs. _____.
- 6) HBA is _____ times the basic pay plus DP

V. Allowances:

- 1) DA stands for _____
- 2) CCA stands for _____
- 3) HRA stands for _____
- 4) TA stands for _____

VI. Labour Organisations:

NFIR stands for _____

AIRF stands for _____

JCM stands for _____

PNM stands for _____

SCRMU stands for _____

SCRES stands for _____

VII. Say True or False:

1. The lowest pay scale is Rs. 2610-3540.
2. The V Pay Commission recommendations are made effective from 01.04.96.
3. A peon of CPO's Office can be posted to Vijayawada on promotion.
4. A substitute in Gr. 'D' is entitled to appear for selection to Group C post.
5. The pay scale of Junior Clerk is Rs. 4500-7000.

6. White paper is non-stock item.
7. Tables and Chairs required for an office are stocked items.
8. A supervisory official is entitled to draw a brief case for official purposes.
9. The rate of interest in scale Rs.3050-4590 is Rs.150/-
10. Employees with II Class pass are allowed in Guard's Break van.
11. A Station Master is capable to cancel a train.
12. Chief Operations Manger belongs to Traffic Service.
13. Chief Claims officer has to verify the arrear claims of the staff before disbursement of the payment.
14. IRPS officers are recruited by RRB.
15. UPSC recruits Station Managers.
16. Stenographers are personal staff of officers recruited by them.
17. A Bungalow Peon is recruited by RRB.
18. Bungalow Peons are initially engaged with the approval of CPO.
19. A substitute bungalow peon attains temporary status after 120 days service.
20. Asst. Officers are entitled to a Substitute Bungalow Peon.
21. Bungalow Peons are transferable to any Railway along with the officer to whom he is attached.
22. SR stands for Suitability Record because the suitability of an employee is decided for promotion on perusal of the SR.
23. 100% of CL service counts for pensionery benefits.
24. CL service means service done on Casual Leave.
25. Bonus on Railways is payable twice a year.
26. Monthly wages are paid to the staff on the first day of the month.
27. There are weekly and daily wage periods on Railways.

28. In case of any grievance, staff must approach the local political leader first.
29. DAR action can be taken if any staff represent their grievances through MPs/MLAs.
30. No wages are paid during suspension since the employee is not required to work during the suspension period.
31. Suspension means punishing the employee for coming late to the office daily.
32. Staff get half payment during suspension for unauthorised absence.
33. The cost of spectacles is reimbursed under Mutual Benefit Fund.
34. The co-operative society lends loans to all Railway employees.
35. A Group D employee cannot take gifts worth Rs. 20/- from others on certain functions in the house.
36. Wife and husband, if both working as peons can be posted in the same office.
37. A group D employee should have minimum VIII Class qualification for recruitment on Railways.
38. Pension is payable to a Railway servant who retires from service with 5 years' qualifying service.
39. If a Group D employees dies after putting in 2 years service can be paid pension.
40. Leave encashment is payable at the time of retirement only.
41. Deposit Linked insurance scheme is linked to the PF balances of an employee.
42. Railway employees are given free food during IOD.
43. Workmen get compensation if one is injured while on duty and in the course of one's duty.
44. If a Gangman is run over and killed while on duty, he is entitled for ex-gratia payment in addition to the workmen compensation payable to him.
45. Group D employees are entitled to free diet while taking treatment as in-patient in a Railway hospital.
46. Un-married female employees are not entitled to Maternity Leave.

47. SC/ST candidates are given a free pass to enable them to attend the written examination conducted by RRB.
48. 70% of daily TA is payable to a Railway employee on line beyond 8 Kms for 3 hours.
49. A Senior Clerk can remove a peon from service.
50. AP Express runs between Secunderabad and Mumbai.
51. All Rajadhani Expresses are to and fro Delhi.
52. Cattle can also be transported by Trains.
53. Fish cannot be carried by passenger trains.
54. The rate of Railway Time Table is Rs.125/-.
55. The Railway Time Table gives the information about break journey.
56. A pass holder cannot break his journey before completion of 500 Kms.
57. A local train ticket is valid for 8 hours.
58. Refund is granted by Station Master after two days of departure of the concerned train.
59. Full refund of fare is entitled on an unconfirmed ticket .
60. The reservation charges are non-refundable.
61. A privilege pass is valid for 4 months during which the holder can travel any number of times.
62. A TC should collect amount from ticket-less traveler if he is not a staff only.
63. Ticket checking staff are running staff who are entitled for running allowance.
64. Drivers are non-running staff.
65. Staff should be sober while on duty.
66. Breathalyser test is to test the driver whether he is breathing is properly.
67. Taking intoxicated drinks before 10 hours of commencement of the duty is punishable under DAR.
68. Peons are entitled to washing allowance.

69. Washing allowance is an allowance payable to Group D staff who accept the work of washing plates, cups and saucers etc.
70. The daily sale proceeds of the Railway staff canteen are credited to Railway revenues and draw the necessary expenditure from Railway towards purchase of provisions.
71. Some trains are called freight trains because of their frightening speed.
72. CFTM looks after movement of Freight Trains.
73. Container Corporation sells containers.
74. IRCTC stands for Indian Railway Catering and Transport Corporation.
75. Railtel is a department of Railways who tells about Railways to the passengers.

VIII. General Questions:

1. Who is the General Manager of S.C. Railway?
2. Who is the Additional General Manager of S.C. Railway?
3. Who is the Principal Chief Engineer of S.C. Railway?
4. Who is Chief Administrative Officer/Construction of S.C. Railway?
5. Who is the Chief Personnel Officer of S.C. Railway?
6. Who is the Financial Advisor & Chief Accounts Officer?
7. Where is the Headquarters of Hyderabad Division?
8. Where is the Headquarters of Secunderabad Division?
9. What is the other name of Vijayawada?
10. How many privilege passes are eligible to Group D and Group C employees?
11. How Many Post Retirement passes are eligible for Group C and D employees, who have put in 25 years service?
12. If an employee opts for widow-complimentary passes, he is entitled for 6 sets of PTOs.
13. In which Division the following stations are situated?
Nanded, Tirupati, Raichur, Nandiyal, Parli

14. Who is the Prime Minister of India?
15. Where Rail Wheel Factory situated?
16. Who wrote National Anthem
17. Who is the Present Captain of Indian Cricket?
18. Who Invented television?
19. Which is the capital of Uttaranchal?
20. What is the minimum service required for promotion of junior clerk to senior clerk?
21. What is the minimum distance an employee to travel to become eligible for TA/DA?
22. How many days casual leave a fitter in workshop is eligible in a year?
23. How many Zones are there in Indian Railways?
24. How many Workshops are there in Indian Railways?
25. Who is the Minister for Railways?
26. Where is the Railway Board situated?
27. What is the currency of the following countries?
USA ,Dubai, Singapore, Australia, Bangladesh, Russia, China , Sri Lanka, Pakistan
28. Who is Election Commissioner of India?
29. How Many states are there in India?
30. How many Union Territories are there in India?
31. Who is the Chief Justice of India?
32. Who was called as Punjab Kesari?
33. Where is the Railway Museum located?
34. Who is the Head of the Zonal Railways?
35. Which Department handles health care of the employees?

36. Who is the Head of the Divisional Railway?
37. How many major workshops are on SC Railway?
38. Who is the Chief Minister of Tamil Nadu?
39. Who is the Governor of AP?
40. Write any two allowances admissible to you?
41. Write any two allowances admissible to Railway servant?
42. What is meant by D & A Rules?
43. How many sets of passes and PTOs are entitled to a Group D employee who has put in 4 years of service?
44. What are important Tourist places on S.C. Railway?
45. What is the recruitment agency for S.C. Railway?
46. Where is the only Degree College on Indian Railways?
47. What is SBF?
48. Who are the Chairman and members of SBF Committee?
49. What are the schemes introduced by SBF Committee on S.C. Railway?
50. Who is the General Secretary of SCRE Sangh?
51. Who is the General Secretary of SCRM Union?
52. How many Trade unions are recognized on Indian Railways? What are they?
53. Who is the Correspondent for the Railway Schools/Colleges?
