



14. EDC : RQP :: KJI : \_\_\_\_\_. [ ]  
 1) TUV                                      2) XWV                                      3) VWX                                      4) WXY
15. BDE : CHN :: KFX : \_\_\_\_\_. [ ]  
 1) LJJ                                      2) KLG                                      3) GLH                                      4) HGJ

### Coding & decoding

16. In a certain code language, if CAMPUS is coded as SUPMAC, then EXERCISE is coded as  
 1) XEREISCE                                      2) RXEECIRE                                      3) ESICREXE                                      4) EIRXESCE [ ]
17. In a certain code language, if Hyderabad is called Delhi, Delhi is called Chennai, Chennai is called Mumbai, then which city is the capital of India, in that language? [ ]  
 1) Kolkata                                      2) Hyderabad                                      3) Trivandrum                                      4) Chennai
18. In a certain code language, if the value of PINK = 50 and RED = 27, then the what is the value of GREEN? [ ]  
 1) 48                                      2) 28                                      3) 49                                      4) 25

### Number game with different operations :

19. If  $3 \times 6 = 6$ ,  $7 \times 8 = 12$ , then what is the value of  $52 \times 13$ ? [ ]  
 1) 61                                      2) 62                                      3) 65                                      4) 85
20. If  $6 + 7 = 55$  and  $9 + 3 = 39$ , then what is the value of  $7 + 4$ ? [ ]  
 1) 28                                      2) 11                                      3) 33                                      4) 39
21. If  $6@7 = 169$ ,  $7@8 = 225$ , then  $15@16 =$  [ ]  
 1) 864                                      2) 1061                                      3) 932                                      4) 961
22. If  $A \Delta B = \sqrt{A} + \sqrt{B}$ , then  $36 \Delta 289 =$  [ ]  
 1) 23                                      2) 24                                      3) 11                                      4) 25

### Clocks & Calenders

23. The calendar for the year 2001 is the same as which year? [ ]  
 1) 2007                                      2) 1996                                      3) Both (1) and (2)                                      4) 2008
24. If a wall clock shows 4 hrs 40 min in the mirror, what is the actual time? [ ]  
 1) 7hrs 25 min                                      2) 2hrs 40min                                      3) 8hrs 10min                                      4) 7hrs 20 min
25. When the time is two 2hrs 30 min find the angle between the hands of a clock. [ ]  
 1)  $105^\circ$                                       2)  $110^\circ$                                       3)  $115^\circ$                                       4)  $120^\circ$
26. When the hours hand is in between 4 & 5 and the angle between the hands is  $40^\circ$  find the possible time [ ]  
 1) 4 hours  $29 \frac{1}{11}$  min                                      2) 4 hours  $14 \frac{2}{11}$  min                                      3) both 1 and 2                                      4) none
27. What day of the week was 26 January 1950. [ ]  
 1) Monday                                      2) Tuesday                                      3) Wednesday                                      4) Thursday

### Seating arrangement and Blood Relations

28. Six buses P, Q, R, S, T and U arrive at a bus depot in the following manner. [ ]  
 i) P comes after Q and R                                      ii) S comes after T, but before U.  
 iii) Q comes before R, T and U arrive  
 Which of the following is the first bus to arrive at the bus depot?  
 1) P                                      2) Q                                      3) S                                      4) U



43. The cost price of article A is 20% more than the selling price of article B. On selling, there is a 100% profit on first article and 50% loss on second article. What is the profit percentage on selling both the articles ? [     ]  
1) 50%                      2) 25%                      3) 12.5%                      4) 6.25%
44. P started a business with Rs. 80000. Q joined P after some months by investing Rs. 120000. After one year, P and Q share the profits in the ratio of 1 : 1 after how many months did Q join P ? [     ]  
1) 4                      2) 6                      3) 8                      4) 2
45. In a business, A invests Rs. 10000 for 9 months and B invests Rs. 7500 for one year. At the end of one year, A, the working partner, gets a share of Rs. 2500, including an annual salary of Rs. 1500. What is the total profit ? (in Rupees) [     ]  
1) 4000                      2) 5000                      3) 6500                      4) 3500
46. Twenty five persons can complete a work in 25 days. Ten days after they start the work, ten people have left. In how many days can the remaining people complete the remaining work? [     ]  
1) 16                      2) 10                      3) 25                      4) 20
47. Tap A alone can fill one third of a tank in two hours. If both the taps A and B opened simultaneously, the tank can be filled in 9 hours. If tap B is opened then in how many hours it can complete its work [     ]  
1) 6                      2) 18                      3)  $6\frac{1}{2}$                       4)  $4\frac{1}{2}$
48. Manohar travelled from A to B at a speed of 45 km/hr. He covers the return journey in five hours by increasing his speed by 20%. What is the total distance covered by him ? (in Km) [     ]  
1) 270                      2) 360                      3) 540                      4) 480
49. What is the least number which when divided by 18, 24, 30 leaves remainder 2 in each case ? [     ]  
1) 182                      2) 122                      3) 242                      4) 362
50. A and B worked together and earned Rs. 240. If A completed  $\frac{1}{6}$ th of the work, then what is the share of B ? (in rupees) [     ]  
1) 180                      2) 200                      3) 160                      4) 220

