

Held On: 15-11-2009 (Evening Shift)

# State Bank of India Clerical Exam

(Based on Memory)

## Test-I

### General Awareness

- As per the new targets fixed for 2009-10 the agricultural sector will receive the credit flow of Rs \_\_\_\_\_  
1) 1,50,000 crores      2) 2,25,000 crores  
3) 3,00,000 crores      4) 3,25,000 crores  
5) 4,00,000 crores
- As per the Union Budget 2009-10, how much amount is allocated to National Rural Health Mission (NRHM)? About Rs \_\_\_\_\_  
1) 5,000 crores      2) 7,000 crores  
3) 9,000 crores      4) 10,000 crores  
5) 12,000 crores
- The National Commodity and Derivatives Exchange Limited (NCDEX) is located in which of the following cities?  
1) Mumbai      2) Kolkata  
3) Hyderabad      4) Jaipur  
5) New Delhi
- Many times we read in financial newspapers about the performance of the "core sectors" in Economy. Which of the following is NOT included in the core sector of the same?  
1) Coal      2) Auto sector  
3) Steel      4) Cement  
5) Oil & Petroleum sector
- Which of the following is/are the highlights of the Railway Budget 2009-10 presented by Ms. Mamta Banerjee?  
(A) Several low fare AC Yuva Trains are introduced for the first time in the country.  
(B) Twelve non stop point to point trains between the select cities are introduced.  
(C) Railway will develop cold storages for farmers on surplus land of Railways so that vegetables and fruits can be stored there before loading on wagons.  
1) Only A      2) Only B      3) Only A & B  
4) All A, B & C      5) None of these
- Which of the following programmes was launched in 2005-06 for creating infrastructure and basic amenities in rural parts of our country?  
1) Janani Suraksha Yojana  
2) Sarva Shiksha Abhiyan  
3) Swarnjayanti Shahari Rozgar Yojana  
4) National Rural Employment Guarantee Scheme  
5) Bharat Nirman
- A new scheme Pradhan Mantri Adarsh Gram Yojana is launched recently with an allocation of Rs \_\_\_\_\_.  
1) 100 crores      2) 200 crores      3) 350 crores  
4) 500 crores      5) 1,000 crores
- "Micro Credit" means \_\_\_\_\_.  
(A) Loans of small amounts to people in unorganized sector  
(B) Loans to Self Help Groups  
(C) Loans amounting Rs 50 lakhs to Rs 5 crores to Medium and Small Industrial Units  
1) Only A      2) Only B      3) Only A and B  
4) All A, B & C      5) None of these
- Which of the following banks has launched a new product "Defence Salary Package - Army" for the jawans of the defence services in India?  
1) Bank of India      2) Punjab National Bank  
3) Axis Bank      4) State Bank of India  
5) ICICI Bank
- As per the figures released recently the production of food grains during the last three consecutive years 2005-06 to 2007-08 recorded on average annual increase of about \_\_\_\_\_.  
1) 3 million tonnes  
2) 5 million tonnes  
3) 7 million tonnes  
4) 10 million tonnes  
5) 15 million tonnes
- As per the newly released figures India has become the world's third largest manufacturer of which of the following surpassing USA and Russia?  
1) Cement      2) Steel  
3) White goods      4) Cars and two wheelers  
5) None of these
- As we all know in India currency market is regulated by the Reserve Bank of India (RBI), while "currency futures" are jointly regulated by the RBI and which of the following other banks?  
1) NABARD      2) SIDBI  
3) SEBI      4) State Bank of India  
5) ICICI Bank
- National Sports Day is observed on which of the following days?  
1) 20th August      2) 29th August      3) 19th July  
4) 29th July      5) 20th September

14. Brazil won the confederation Cup Football Finals-2009, after defeating which of the following teams?  
1) USA      2) England      3) Italy  
4) France      5) Germany
15. Which of the following countries was adjudged as the second biggest investors in Britain during 2008?  
1) India      2) Japan      3) China  
4) S Korea      5) None of these
16. Who amongst the following is the author of the book "The Miracle of Democracy: India's Amazing Journey"?  
1) Mr. Nandan Nilekani  
2) Mr. T S Krishnamurthy  
3) Mr. Madhav Godbole  
4) Mr. Gopal Krishna Pillai  
5) None of these
17. The first European Union - Pakistan Summit was organized in June 2009 in \_\_\_\_\_  
1) London      2) Brussels      3) Rome  
4) Athens      5) Budapest
18. Who amongst the following has taken over as Chairperson of the Unique Identification Authority of India, created recently?  
1) Mr. Narayana Murthy  
2) Mr. V K Verma  
3) Mr. K M Chandrasekhar  
4) Mr. K C Chakraborty  
5) None of these
19. Govt. of India has made an agreement with which of the following countries to upgrade it's AN-32 aircrafts used by the Indian Airforce?  
1) Ukrain      2) France      3) Russia  
4) Britain      5) None of these
20. Serena Williams won which of the following women's Championship of 2009 after defeating her sister Venus Williams?  
1) French Open      2) Australian Open  
3) Wimbledon      4) US Open  
5) None of these
21. Which of the following is Repo Rate at present?  
1) 3%      2) 3.5%      3) 4%  
4) 4.75%      5) None of these
22. Sri Hansraj Bhardwaj has taken over as the Governor of \_\_\_\_\_  
1) Tamil Nadu      2) Assam      3) Karnataka  
4) Maharashtra      5) Jharkhand
23. Who amongst the following got the IIFA Award-2009 for Best Director?  
1) Karan Johar      2) Ashutosh Gowariker  
3) David Dhawan      4) Rakesh Roshan  
5) None of these
24. The first summit of BRIC nations was held recently in which of the following nations?  
1) India      2) Russia      3) Brazil

- 4) China      5) None of these
25. Who amongst the following is the author of the book "Shape of Things To Come"?  
1) Adam Smith      2) James Joyce      3) Daniel Defoe  
4) Edgar Snow      5) H G Wells
26. As per the recent announcement by the Govt. of India about 2200 items from a particular country are now allowed to enter India without payment of any import duty. Which of the following countries will be exporting these items?  
1) Singapore      2) China      3) Pakistan  
4) Nepal      5) Myanmar
27. As per the news published in various newspapers, the RBI has given its permission for cash withdrawal at "POS terminals". What is the full form of "POS"?  
1) Permitted on Sale      2) Potential of Service  
3) Point of Sale      4) Permission of Sale  
5) None of these
28. Which of the following has been the Gross Fiscal Deficit (per cent of GDP) during 2008-09? About—  
1) 3%      2) 5%      3) 6%  
4) 9%      5) 8%
29. Which of the following States won the 63rd National Football (Santosh Trophy) - 2009 held in June 2009?  
1) Maharashtra      2) Jharkhand      3) Karnataka  
4) Punjab      5) Goa
30. The eighth Indo-Gulf Conference was organized recently in which of the following cities?  
1) New Delhi      2) Kolkata      3) Kochi  
4) Chennai      5) Hyderabad
31. 'OSCAR' Awards are given for the excellence in the field of \_\_\_\_\_  
1) Journalism      2) Social Service      3) Films  
4) Sports      5) None of these
32. Which of the following is NOT a banking related term?  
1) SME Finance      2) Overdraft  
3) Drawing power      4) Sanctioning Authority  
5) Equinox
33. Mr. Maohmoud Ahmadinejad who was in news recently is the President of \_\_\_\_\_  
1) Iran      2) Iraq      3) Uganda  
4) Chad      5) None of these
34. "The Doing Business Report" is prepared by which of the following organizations every year?  
1) Asian Development Bank (ADB)  
2) World Bank  
3) International Monetary Fund (IMF)  
4) World Trade Organisation (WTO)  
5) None of these
35. Bad loans in banking terminology are generally known as \_\_\_\_\_  
1) Prime Loans      2) Prime Asset      3) BPOs  
4) CBS      5) NPAs

36. Which of the following is NOT a Social Development Scheme launched by the Govt. of India?  
 1) Indira Awas Yojana      2) Kutir Jyoti  
 3) Look East Policy      4) Operation Black Board  
 5) Mid Day Meal Scheme
37. Who amongst the following is the Chairperson of the 13th Finance Commission?  
 1) Sri Bindeshwar Pathak      2) Mrs. Nirupama Rao  
 3) Dr. Vijay Kelkar      4) Dr. C Rangarajan  
 5) None of these
38. "Yen" is the currency of \_\_\_\_\_  
 1) China      2) South Korea      3) North Korea  
 4) Taiwan      5) None of these
39. Which of the following awards is given for excellence in the field of Literature?  
 1) Saraswati Sanman  
 2) Tansen Sanman  
 3) Kalidas Sanman  
 4) Arjuna Award  
 5) None of these
40. Which of the following terms is not related with the game of Hockey?  
 1) Back Swing      2) Short grip      3) Hook  
 4) Slice      5) Short comer

## Test II

### General English

Directions (Q. 41-55): Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.

Once upon a time there lived a vicious king, Raja Shankara—short-tempered and temperamental. "God I am", he said to his image as he stared into the mirror everyday, many times a day. He was obsessed with himself. He loved no one but himself. He was blinded towards the injustice in his kingdom because he had little time for his subjects. He wasted most of his time in pouring milk and honey over himself.

Interruption in his possessed life was dealt with stern reprimanding and sometimes on petty issues he would behead his servants. Provoked by his evil advisor Twishar, he went on with his self-indulged life, unaware of the plot his very devoted advisor was planning. A plot to dethrone the king, rule the kingdom with his wicked ways only to harness wealth and the reputation of a King.

One morning the king was on his usual morning horseback rounds but returned to the palace with an intense look on his face. He locked himself inside his palatial room only to unlock it at sundown. Just as the doors cracked open and Raja Shankara emerged from it, his wife rushed to embrace him. She feared a damaging incident had occurred.

The king spoke seldom that day and awoke the next day to make a proclamation to his servants and subjects. The whole kingdom feared what was in store for them from their angry king. But to their surprise he said to all gathered, "From now on I will be a different king. A softer and a patient king."

True to his words from that day on the king had truly turned on a new leaf; he cleaned out the corruption and injustice in a tender manner with punishments aimed to renew the person from within.

One fine day his evil advisor gathered courage to ask the reason for his paradigm shift. And the king answered. When I went on horseback that morning a month ago, I noticed a dog brutally chasing a cat. The cat managed to sneak into a hole only after the dog bit her leg, maiming her for life. Not far, the dog barked at a farmer who picked up a sharp stone and hit it straight in the dog's eye. Bleeding profusely, the dog yelped in pain. As the farmer walked on, he slipped on the edge of the road and broke his head.

All this happened in a matter of minutes before me and then I realized that evil begets evil. I thought about it deeply and was ready to give up my worldly life for the betterment of my subjects. I wanted to give up evil in me as I did not want evil to encounter me.

Sniggering away the immoral advisor thought what a perfect time it was to dethrone the king, because the Raja had grown kind hearted and patient and would not endeavour a combat. Thinking how he would plan his attack, he stumbled over a step that took him hurling down the remaining steps, bringing his stop with a crash. He howled in pain only to discover he had broken the bones in both his legs.

41. How can Raja Shankara be described before his transformation?  
 (A) He was unjust.  
 (B) He was preoccupied with himself.  
 (C) He was cruel.  
 1) Only (A)      2) Only (B)      3) Only (C)  
 4) Only (A) and (B)      5) All the three (A), (B) and (C)
42. What happened to Twishar in the end when he had thought of a plan to dethrone Raja Shankara?  
 1) He was beaten up by the King for having cheated him  
 2) He was very apologetic for his behaviour  
 3) He at last managed to be crowned the King after successfully implementing his plan  
 4) He fell down a flight of steps and broke both his legs  
 5) None of these
43. What proclamation did the Raja make to his subjects?  
 1) That he was giving up his throne for the betterment of the Kingdom  
 2) That his advisor would be the King from then on  
 3) That he would be a better King to them than he had been all this while

- 4) That his subjects were not good enough to deserve better treatment than what was already being meted out to them
- 5) None of these
44. What did Raja Shankara's wife think about the Raja's peculiar behaviour that particular day ?
- 1) She was afraid that something really bad had happened
- 2) She was afraid that the Raja would beat her up because of his unusual mood
- 3) She thought that he was in his usual sour mood
- 4) She thought that the Raja had received threats to his life from his servants
- 5) None of these
45. What was the reason for Raja Shankara's change in behaviour?
- 1) His advisor's words had made him realize his mistake
- 2) He had felt bad for a poor family on his tour around his kingdom
- 3) His wife had betrayed him and hence he was upset
- 4) He had realized that doing good to people would bring good to him
- 5) None of these
46. What can possibly be the moral of the story?
- 1) Believe in yourself
- 2) Money is not everything in life
- 3) Don't trust people
- 4) Better late than never
- 5) As you sow so shall you reap
47. How did Raja Shankara treat all his servants if they interrupted him; before he changed into a good person ?
- 1) He treated all his servants with respect
- 2) He would scold them and sometimes cut their heads off over trivial issues
- 3) He would dismiss them from their duties never to be reinstated
- 4) He would rob them of all their possessions
- 5) None of these
48. What plan did Twishar have with regard to the Raja ?
- 1) He planned to take over the Raja's throne through devious means
- 2) He was a loyal servant to the Raja and always had his best interests in mind
- 3) He had plans to provoking the Raja into ruling the Kingdom in more wicked ways
- 4) He planned to kill the Raja with the help of the Raja's servants
- 5) None of these
49. Why did Twishar think that this was the best time to dethrone the Raja?
- 1) As the Raja was sick, ailing and was on his deathbed

- 2) As he knew that the Raja had finally lost his mind
- 3) As he knew that the Raja had become a soft-natured person and would not attempt to fight.
- 4) As he was sure that he would be able to convince the people of the kingdom that the Raja had become weak
- 5) None of these
50. What did the dog do to the cat?
- 1) The dog chased the cat and sent it in the man's direction
- 2) The dog bit the cat's leg and crippled her for life
- 3) The dog killed the cat
- 4) Not mentioned in the passage
- 5) None of these

**Directions (Q. 51-53): Choose the word / group of words which is most similar in meaning to the word / group of words printed in bold as used in the passage.**

51. **BEGETS**
- 1) produces      2) loses      3) expects
- 4) avoids      5) calls
52. **STERN**
- 1) hard      2) tall      3) easy
- 4) tight      5) severe
53. **GATHERED**
- 1) partied      2) assembled      3) dispersed
- 4) pooled      5) collated

**Directions (Q. 54-55): Choose the word / group of words which is most opposite in meaning to the word / group of words printed in bold as used in the passage.**

54. **PETTY**
- 1) tremendous      2) huge      3) vast
- 4) important      5) frugal
55. **BRUTALLY**
- 1) cruelly      2) partly      3) gently
- 4) rarely      5) harmfully

**Directions (Q. 56-60): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.**

- (A) The contractor was sorry to see his good worker go and asked if he could build just one more house as a personal favour.
- (B) It was an unfortunate way to end a dedicated career.
- (C) He told his employer-contractor of his plans to leave the house-building business to live a more leisurely life with his wife and enjoy his extended family.
- (D) An elderly carpenter was ready to retire.
- (E) He resorted to shoddy workmanship and used inferior materials.
- (F) The carpenter said yes, but over time it was easy to see that his heart was not in his work.

56. Which of the following should be the **THIRD** sentence after rearrangement?  
 1) A                      2) B                      3) C  
 4) D                      5) E
57. Which of the following should be the **FIRST** sentence after rearrangement?  
 1) A                      2) B                      3) C  
 4) D                      5) E
58. Which of the following should be the **LAST (SIXTH)** sentence after rearrangement?  
 1) A                      2) B                      3) D  
 4) E                      5) F
59. Which of the following should be the **SECOND** sentence after rearrangement?  
 1) A                      2) B                      3) C  
 4) D                      5) F
60. Which of the following should be the **FOURTH** sentence after rearrangement?  
 1) B                      2) C                      3) D  
 4) E                      5) F

**Directions (Q. 61-65):** Which of the phrases 1), 2), 3) and 4) given below each sentence should replace the phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and 'No correction is required', mark 5) as the answer.

61. Her entry to the office party was **restrict** as an official enquiry had been constituted against her.  
 1) was restricting                      2) is restricted  
 3) was restricted                      4) is restricting  
 5) No correction required
62. Rima was **at her wit's end** trying to figure out what to buy for her friend's birthday.  
 1) at her witting end                      2) at her wit ends  
 3) to her wit's end                      4) so wit's end  
 5) No correction required
63. Pritesh **while away his time** in playing games on the computer instead of studying.  
 1) whiled away his time                      2) whiled against his time  
 3) whiling away his time                      4) while awayed his time  
 5) No correction required
64. Mohan had **make up his mind** about going on the world tour all alone.  
 1) made minds                      2) make his mind  
 3) make up his minding                      4) made up his mind  
 5) No correction required
65. She rushed to the station but could **find any trace** of her daughter there.  
 1) not found trace                      2) find no trace  
 3) found not trace                      4) finding no trace  
 5) No correction required

**Directions (Q. 66-70):** In each question below, a sentence with four words printed in bold type is given. These are numbered as 1), 2), 3) and 4). One of these four words printed in, bold may be either wrongly spelt or Inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The number of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark 5) i.e. 'All correct' as your answer.

66. Discussion is an exchange of knowledge whereas  
 1)    2)  
 argument is a depiction of ignorance. All correct  
 3)    4)    5)
67. He was **arrested** for the crime and was charged with  
 1)    2)    3)  
 attempt to murder. All correct  
 4)    5)
68. **Commit** yourself to lifelong learning as the most  
 1)    2)  
 valuable asset you will have is your mind. All correct  
 3)    4)    5)
69. **Belive** that life is worth living and your belief will create  
 1)    2)    3)  
 the fact. All correct  
 4)    5)
70. The best **educated** human **bing** is the one who  
 1)    2)  
 understands most about the life in which he is placed.  
 3)    4)  
 All correct  
 5)

**Directions (Q. 71-80):** In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Once upon a time, two friends were (71) through the desert. During some point of the (72) they had an argument, and one friend slapped the other one in the face. The one who got slapped was (73), but without saying anything, he wrote in the sand, "Today my best friend slapped me in the face." They kept on walking (74) they found an oasis, where they (75) to take a bath. The one, who had been slapped, got (76) in the quicksand and started drowning, but the friend saved him. After the friend (77) from the near drowning, he wrote on a stone, "Today my best friend saved my life." The friend who had slapped and saved his best friend asked him, "After I hurt you, you wrote in the sand and (78), you write on a stone, why?" The other friend (79). "When someone hurts us, we should write it down in sand where winds of

forgiveness can erase it away. But, when someone does something good for us, we must (80) it in stone where no wind can ever erase it."

71. 1) crawling      2) speaking      3) swimming  
      4) walking      5) dancing
72. 1) journey      2) sand            3) running  
      4) border        5) hunt
73. 1) dead            2) captured      3) presentable  
      4) missing       5) hurt
74. 1) as               2) until            3) from  
      4) with            5) through
75. 1) decided       2) fell             3) made  
      4) want            5) left
76. 1) home            2) stuck           3) blended  
      4) mixed          5) sitting
77. 1) separated     2) leaked         3) died  
      4) recovered     5) saved
78. 1) so                2) how             3) when  
      4) tomorrow     5) now
79. 1) called           2) tell             3) replied  
      4) questioned   5) asked
80. 1) talk             2) push            3) engrave  
      4) add             5) bury

**Test-III**

**Quantitative Aptitude**

Directions (Q. 81-95): What will come in place of question mark (?) in the following questions?

81.  $\frac{5}{11}$  of  $\frac{4}{5}$  of  $\frac{11}{16}$  of 848 = ?  
 1) 216            2) 222            3) 208  
 4) 212            5) None of these
82. 1.4% of 750 + 2.2% of 480 = ?  
 1) 21.06        2) 21.16        3) 20.88  
 4) 21.18        5) None of these
83.  $\frac{3}{4}$  of 116 -  $\frac{2}{3}$  of 87 = ?  
 1) 31             2) 27             3) 29  
 4) 26             5) None of these
84. 6.96 + 1.2 - 18.24 + 7.6 = ?  
 1) 3.4            2) 3.14          3) 3.04  
 4) 3.24          5) None of these
85. 32.25 × 2.4 × 1.6 = ?  
 1) 128.84       2) 123.84       3) 112.88  
 4) 112.84       5) None of these
86. 136% of 250 + ?% of 550 = 670  
 1) 64             2) 55             3) 56  
 4) 65             5) None of these
87. 448 ÷ 16 × 35 = ?  
 1) 850            2) 890            3) 950

- 4) 980            5) None of these
88.  $\frac{14 \times 25 - 5^3}{24 \times 5 + 8 \times 9} = ?$   
 1)  $1\frac{9}{64}$             2)  $\frac{64}{75}$             3)  $1\frac{11}{64}$   
 4)  $1\frac{11}{75}$             5) None of these
89. 78.45 + 128.35 + 1122.25 = ?  
 1) 1329.55       2) 1239.55       3) 1329.45  
 4) 1239.45       5) None of these
90. 8729 - 4376 + 1245 = ? + 2785  
 1) 2713            2) 2823            3) 2833  
 4) 2733            5) None of these
91.  $17\frac{2}{5} \times 4\frac{5}{8} - ? = 46\frac{7}{8}$   
 1)  $32\frac{3}{5}$             2)  $33\frac{3}{5}$             3)  $33\frac{2}{5}$   
 4)  $32\frac{2}{5}$             5) None of these
92. 5616 ÷ 18 ÷ 8 = ?  
 1) 36              2) 76              3) 49  
 4) 39              5) None of these
93. 420 ÷ 28 × 288 + 32 = ?  
 1) 235             2) 236             3) 138  
 4) 132             5) None of these
94.  $22^2 + \sqrt{?} = 516$   
 1) 1028            2) 1024            3) 1124  
 4) 1128            5) None of these
95. 45% of 660 + 28% of 450 = ?  
 1) 413             2) 428             3) 423  
 4) 418             5) None of these
- Directions (Q. 96-100): What will come in place of question mark (?) in the following number series?
96. 12    16    24    40    ?  
 1) 76              2) 72              3) 84  
 4) 88              5) None of these
97. 9    19    39    79    ?  
 1) 139             2) 129             3) 159  
 4) 149             5) None of these
98. 8    17    42    91    ?  
 1) 170             2) 142             3) 140  
 4) 172             5) None of these
99. 7    8    18    57    ?  
 1) 244             2) 174             3) 186  
 4) 226             5) None of these
100. 3840    960    240    60    ?  
 1) 20              2) 18              3) 12  
 4) 22              5) None of these

101. 75% of a number is equal to three-seventh of another number. What is the ratio between the first number and the second number respectively?  
 1) 4 : 7                      2) 7 : 4                      3) 12 : 7  
 4) 7 : 12                      5) None of these
102. A 275 metre long train crosses a platform of equal length in 33 seconds. What is the speed of the train in kmph?  
 1) 66                      2) 60                      3) 64  
 4) 72                      5) None of these
103. What is compound interest accrued on an amount of Rs 45,000 in two years @ 9 p.c.p.a.?  
 1) Rs 8,600                      2) Rs 8,565.40                      3) Rs 8,464.50  
 4) Rs 8,540                      5) None of these
104. Cost of 18 shirts and 45 trousers is Rs 68,400. What is the cost of 10 shirts and 25 trousers?  
 1) Rs 38,000                      2) Rs 36,000                      3) Rs 34,200  
 4) Rs 36,200                      5) None of these
105. If the fractions  $\frac{9}{11}$ ,  $\frac{7}{9}$ ,  $\frac{5}{6}$  and  $\frac{11}{13}$  are arranged in ascending order, which one will be the fourth?  
 1)  $\frac{9}{11}$                       2)  $\frac{7}{9}$                       3)  $\frac{5}{6}$   
 4)  $\frac{4}{5}$                       5)  $\frac{11}{13}$
106. Simple interest accrued on an amount in 8 years @ 12 p.c.p.a. is Rs 5,520. What is the principal amount?  
 1) Rs 5,750                      2) Rs 8,500                      3) Rs 5,650  
 4) Rs 8,250                      5) None of these
107. Find the average of the following set of numbers:  
 148, 88, 184, 166, 96, 122  
 1) 146                      2) 142                      3) 136  
 4) 132                      5) None of these
108. Shrikant and Vividh started a business investing amounts of Rs 1,85,000 and Rs 2,25,000 respectively. If Vividh's share in the profit earned by them is Rs 9,000, what is the total profit earned by them together?  
 1) Rs 17,400                      2) Rs 16,400                      3) Rs 16,800  
 4) Rs 17,800                      5) None of these
109. Present ages of father and the son are in the ratio of 6 : 1 respectively. Four years hence the ratio of their ages will become 4 : 1 respectively. What is the son's present age?  
 1) 10 years                      2) 6 years                      3) 4 years  
 4) 8 years                      5) None of these
110. A DVD player was purchased for Rs 4,860. At what price should it be sold so that 25% profit is earned?  
 1) Rs 6,225                      2) Rs 6,275                      3) Rs 6,075  
 4) Rs 6,025                      5) None of these
111. 65% of a number is more than its two-fifth by 140. What is 30% of that number?  
 1) 186                      2) 168                      3) 164  
 4) 182                      5) None of these

112. Number obtained by interchanging the digits of a two-digit number is more than the original number by 27 and the sum of the digits is 13. What is the original number?  
 1) 58                      2) 67                      3) 76  
 4) 85                      5) None of these
113. 22 Men can complete a job in 16 days. In how many days will 32 men complete that job?  
 1) 14                      2) 12                      3) 16  
 4) 9                      5) None of these
114. Mr. Davar spends 38% of his monthly income on food, 25% on children's education and 12% on transport and the remaining amount of Rs 5,800 he saves. What is Mr. Davar's monthly income?  
 1) Rs 23,200                      2) Rs 24,200                      3) Rs 23,800  
 4) Rs 24,400                      5) None of these
115. A, B, C, D and E are five consecutive odd numbers. Average of A and C is 59. What is the smallest number?  
 1) 65                      2) 63                      3) 61  
 4) 57                      5) None of these

Directions (Q. 116-120): Study the following table carefully to answer these questions.

Number of students appeared in SSC examination from five schools over the years

School → Year ↓	A	B	C	D	E
2004	650	760	820	800	780
2005	700	740	860	780	740
2006	800	820	940	750	730
2007	750	880	920	840	790
2008	850	840	900	860	770

116. Number of students appeared from school E in 2004 is approximately what per cent of the total number of students appeared from all the schools together in that year?  
 1) 12                      2) 28                      3) 15  
 4) 30                      5) 20
117. What is the average number of students appeared from school B for all the years?  
 1) 828                      2) 808                      3) 804  
 4) 812                      5) None of these
118. Number of students appeared in 2006 from school A is what per cent of the total number of students appeared from school A for all the years together?  
 1)  $23\frac{2}{3}$                       2)  $22\frac{1}{3}$                       3)  $22\frac{2}{3}$   
 4)  $21\frac{1}{3}$                       5) None of these

119. What is the ratio between the total number of students appeared in 2004 and 2005 together from schools C and D respectively?  
 1) 84 : 79      2) 79 : 84      3) 48 : 79  
 4) 79 : 48      5) None of these
120. What is the average number of students appeared from all the schools in 2007?  
 1) 842      2) 856      3) 836  
 4) 830      5) None of these

**Test-IV****Reasoning Ability**

121. In a certain code language 'tree is very beautiful' is written as 'ka na da ta' and 'this is strong tree' is written as 'na pa sa ka'. How is 'beautiful' written in that code language?  
 1) da      2) ta      3) sa  
 4) Data inadequate      5) None of these
122. In a certain code GIVE is written as '51 @©' and FAIL is written as '%219'. How is LEAF written in that code?  
 1) 5©2%      2) 9©2%      3) 9@2%  
 4) 9©1%      5) None of these
123. How many such pairs of letters are there in the word COMPUTERS each of which has as many letters between them in the word as in the English alphabet?  
 1) None      2) One      3) Two  
 4) Three      5) More than three
124. The positions of the first and the sixth digits in the number 5109238674 are interchanged. Similarly the positions of the second and the seventh digits are interchanged and so on. Which of the following will be the third digit from the right end after the rearrangement?  
 1) 9      2) 0      3) 6  
 4) 3      5) None of these
125. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?  
 1) Wheel      2) Tyre      3) Car  
 4) Door      5) Gear
126. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?  
 1) 115      2) 85      3) 95  
 4) 75      5) 155
127. How many meaningful English words can be made with the letters EMTA using each letter only once in each word?  
 1) None      2) One      3) Two  
 4) Three      5) More than three
128. In a certain code SUBSTANCE is written as RATRUFDOB. How is TENTHOUSE written in that code?

- 1) SMDSIFTVP      2) UOFUIDRTN      3) UOFUIFTVP  
 4) SMDSIDRTN      5) None of these

Directions (Q. 129-131): Following questions are based on the five three-digit numbers given below:

519    364    287    158    835

129. If the positions of the first and the third digits within each number are interchanged, which of the following will be the third digit of the second lowest number?  
 1) 9      2) 4      3) 7  
 4) 8      5) 5
130. If the positions of the first and the third digits within each number are interchanged, which of the following will be the middle digit of the second highest number?  
 1) 1      2) 6      3) 8  
 4) 5      5) 3
131. Which of the following is the difference between the second digits of the highest and the lowest of these numbers?  
 1) 3      2) 1      3) 2  
 4) 0      5) None of these

Directions (Q. 132-137): Study the following information carefully and answer the questions given below:

A, M, P, D, Q, R, W and B are sitting around a circle facing at the centre. D is fourth to the left of A who is third to the right of M. P is third to the left of Q who is third to the left of M. R is third to the right of W who is second to the right of B.

132. Who is second to the left of D?  
 1) W      2) B      3) Q  
 4) Data inadequate      5) None of these
133. Who is third to the left of P?  
 1) M      2) D      3) R  
 4) Data inadequate      5) None of these
134. Who is to the immediate right of Q?  
 1) W      2) D      3) B  
 4) Data inadequate      5) None of these
135. Which of the following pairs represents the first and second respectively to the right of W?  
 1) DM      2) QB      3) MR  
 4) Data inadequate      5) None of these
136. In which of the following pairs is the second person sitting to the immediate right of the first person?  
 1) MD      2) RM      3) AB  
 4) QB      5) None of these
137. Who is fourth to the right of R?  
 1) P      2) A      3) B  
 4) Data inadequate      5) None of these

Directions (Q. 138-143): In the following questions, the symbols @, \$, ★, © and # are used with the following meaning as illustrated below:

- 'P ★ Q' means 'P is neither greater than nor smaller than Q'.  
 'P \$ Q' means 'P is neither greater than nor equal to Q'.  
 'P @ Q' means 'P is not smaller than Q'.  
 'P © Q' means 'P is not greater than Q'.  
 'P # Q' means 'P is neither smaller than nor equal to Q'.



Now in each of the following questions assuming the given statements to be true, find which of the three conclusions I, II and III given below them is/are definitely true and give your answer accordingly.

138. Statements: W@T, T◊M, M\$D

Conclusions: I. W#D  
II. W@M  
III. D#T

- 1) Only I is true                      2) Only II is true  
3) Only III is true                    4) Only II and III are true  
5) None of these

139. Statements: F★R, R◊M, M\$D

Conclusions: I. D#R  
II. D#F  
III. M@F

- 1) Only I and II are true  
2) Only I and III are true  
3) Only II and III are true  
4) All I, II and III are true  
5) None of these

140. Statements: V◊M, M★B, B\$F

Conclusions: I. F#M  
II. B@V  
III. F#V

- 1) Only I and II are true  
2) Only II and III are true  
3) Only I and III are true  
4) All I, II and III are true  
5) None of these

141. Statements: D#N, N@B, B★F

Conclusions: I. F\$D  
II. N#F  
III. N★F

- 1) Only I is true                      2) Only II is true  
3) Only III is true                    4) Only either II or III is true  
5) Only I and either II or III are true

142. Statements: R\$T, T#K, K@M

Conclusions: I. R\$M  
II. T#M  
III. R\$K

- 1) None is true                      2) Only I is true  
3) Only II is true                    4) Only III is true  
5) Only II and III are true

143. Statements: H#N, N\$T, T@B

Conclusions: I. B\$N  
II. H#T  
III. B\$H

- 1) None is true                      2) Only I is true  
3) Only II is true                    4) Only III is true  
5) Only II and III are true

Directions (Q. 144-149): Study the following arrangement carefully and answer the questions given below:

W3#R@EJKT4B91★DU8IH%AV5δ7MP2Q\$6

144. Which of the following is the sixth to the right of the twenty-first from the right end of the above arrangement?

- 1) 8                                      2) D                                      3) P  
4) @                                      5) None of these

145. How many such vowels are there in the above arrangement, each of which is immediately preceded by a symbol and immediately followed by a consonant?

- 1) None                                  2) One                                  3) Two  
4) Three                                  5) Four

146. How many such symbols are there in the above arrangement, each of which is immediately followed by a number but not immediately preceded by a number?

- 1) None                                  2) One                                  3) Two  
4) Three                                  5) More than three

147. How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a symbol?

- 1) None                                  2) One                                  3) Two  
4) Three                                  5) More than three

148. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?

- 1) 81D                                    2) δ75                                    3) P27  
4) EJR                                    5) T4J

149. If all the symbols in the above arrangement are dropped, which of the following will be the fourteenth from the left end?

- 1) I                                        2) H                                        3) D  
4) 8                                        5) None of these

Directions (Q. 150-155): In each of the questions below are given three statements followed by three conclusions numbered I, II & III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

150. Statements: All petals are trees.  
All trees are gardens.  
All roads are gardens.

Conclusions: I. Some roads are trees.  
II. Some gardens are trees.  
III. Some gardens are petals.

- 1) Only I and II follow              2) Only II and III follow  
3) Only I and III follow            4) All I, II and III follow  
5) None of these

151. Statements: All keys are locks.  
No lock is toy.  
All bags are toys.

**Conclusions:** I. No bag is key.

II. Some bags are keys.

III. Some toys are keys.

- 1) None follows
- 2) Only I follows
- 3) Only II follows
- 4) Only III follows
- 5) Only I and II follow

152. **Statements:** Some days are nights.  
Some nights are months.  
Some months are years.

**Conclusions:** I. Some years are nights.  
II. Some months are days.  
III. No year is night.

- 1) Only I follows
- 2) Only II follows
- 3) Only III follows
- 4) Only either I or III follows
- 5) None of these

153. **Statements:** All cycles are tyres.  
Some tyres are wheels.  
All wheels are buses.

**Conclusions:** I. Some buses are tyres.  
II. Some wheels are tyres.  
III. Some buses are cycles.

- 1) Only I and II follow
- 2) Only I and III follow
- 3) Only II and III follow
- 4) All I, II and III follow
- 5) None of these

154. **Statements:** Some dogs are cats.  
Some cats are horses.  
All horses are tigers.

**Conclusions:** I. Some tigers are cats.  
II. Some horses are dogs.  
III. Some tigers are dogs.

- 1) None follows
- 2) Only I follows
- 3) Only II follows
- 4) Only III follows
- 5) Only II and III follow

155. **Statements:** All ropes are sticks.  
Some sticks are hammers.  
Some hammers are lakes.

**Conclusions:** I. Some lakes are ropes.  
II. Some hammers are ropes.  
III. Some lakes are sticks.

- 1) None follows
- 2) Only I follows
- 3) Only II follows
- 4) Only III follows
- 5) Only I and III follow

**Directions (Q. 156-160):** In each of the questions given below which one of the five answer figures should come after the problem figures, if the sequence were continued?

156. **Problem Figures**

C	Δ	Δ	C	□	8	8	□	=	O
★	Z	□	8	Δ	C	=	O	8	□
□	8	★	Z	=	O	Δ	C	Z	★
=	O	O	=	Z	★	★	Z	C	Δ

**Answer Figures**

O	=	O	=	□	8	□	8	O	=
□	8	Z	★	O	=	O	=	Z	★
★	Z	8	□	C	Δ	Δ	C	8	□
Δ	C	C	Δ	Z	★	★	Z	Δ	C

1)                      2)                      3)                      4)                      5)

157. **Problem Figures**

□	★	O	C	□	★	O	=	Δ	●	O	=	Δ	★	C
8	Δ	=	O	□	C	★	Δ	O	●					
=		Δ		★		C		=						

**Answer Figures**

□	Δ	★	★	C	□	□	★	C	O	Δ	★	O	●	=
=	C	Δ	=	O	=	=	C	Δ	★					
●		O		●		●		C						

1)                      2)                      3)                      4)                      5)

158. **Problem Figures**

PAINT	TPAIN	COATP	PCOAT	SDOPC
-------	-------	-------	-------	-------

**Answer Figures**

CSODP	PCOFL	DOPCS	CSDOP	CDSOP
-------	-------	-------	-------	-------

1)                      2)                      3)                      4)                      5)

159. **Problem Figures**

□	↓	Γ	∇	□	→	L	▷	→	□	L	▷	↑	□	┘	Δ	□	↑	┘	Δ
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**Answer Figures**

□	←	Γ	◁	□	→	Γ	◁	□	←	Γ	◁	□	→	Γ	◁	□	←	Γ	◁
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

1)                      2)                      3)                      4)                      5)

160. **Problem Figures**

★	8	O	Δ	Δ	□	O	=	=	O					
=	C	□	★	O	8	8	★	O	Δ	●	□	□	Δ	●
O	Δ	=	□	O	=	8	O	O	8					

Answer Figures

0	S	0	S	0	S	0	=	0	S
=	Δ	0	=	⊗	0	●	□	Δ	●
□	●	□	●	=	0	S	0	●	□
1)	2)	3)	4)	5)					

Test-V

Marketing Aptitude/Computer Knowledge

161. Passwords enable users to \_\_\_\_\_.
- 1) get into the system quickly
  - 2) make efficient use of time
  - 3) retain confidentiality of files
  - 4) simplify file structures
  - 5) None of these
162. When sending an e-mail, the \_\_\_\_\_ line describes the contents of the message.
- 1) subject
  - 2) to
  - 3) contents
  - 4) cc
  - 5) None of these
163. A(n) \_\_\_\_\_ is a program that makes the computer easier to use.
- 1) utility
  - 2) application
  - 3) operating system
  - 4) network
  - 5) None of these
164. The \_\_\_\_\_ tells the computer how to use its components.
- 1) utility
  - 2) network
  - 3) application program
  - 4) Operating system
  - 5) None of these
165. Files deleted from the hard disk are sent to the \_\_\_\_\_.
- 1) Recycle Bin
  - 2) floppy disk
  - 3) clipboard
  - 4) motherboard
  - 5) None of these
166. A \_\_\_\_\_ is a named set of characters that have the same characteristics.
- 1) type face
  - 2) type style
  - 3) font
  - 4) pico
  - 5) None of these
167. A \_\_\_\_\_ pre-designed document that already has coordinating fonts, a layout, and a background.
- 1) guide
  - 2) model
  - 3) ruler
  - 4) template
  - 5) None of these
168. Personal computers can be connected together to form a \_\_\_\_\_.
- 1) server
  - 2) supercomputer
  - 3) enterprise
  - 4) network
  - 5) None of these
169. Which elements of a Word document can be displayed in colour?
- 1) Only graphics

- 2) Only text
  - 3) All elements
  - 4) All elements, but only if you have a colour printer
  - 5) None of these
170. A complete electronic circuit with transistors and other electronic components on a small silicon chip is called a(n) \_\_\_\_\_.
- 1) workstation
  - 2) CPU
  - 3) magnetic disk
  - 4) integrated circuit
  - 5) None of these
171. To access properties of an object, the mouse technique to use is \_\_\_\_\_.
- 1) right-clicking
  - 2) shift-clicking
  - 3) dragging
  - 4) dropping
  - 5) None of these
172. During the \_\_\_\_\_ portion of the Information Processing Cycle, the computer acquires data from some source.
- 1) storage and output
  - 2) storage
  - 3) input
  - 4) output
  - 5) None of these
173. The \_\_\_\_\_ of software contains lists of commands and options.
- 1) menu bar
  - 2) tool bar
  - 3) title bar
  - 4) formula bar
  - 5) None of these
174. A \_\_\_\_\_ can make it easier to play games.
- 1) mouse
  - 2) Joystick
  - 3) keyboard
  - 4) pen
  - 5) None of these
175. How many different documents can you have open at any one time?
- 1) Not more than three
  - 2) Only one
  - 3) As many as your computer memory will hold
  - 4) No more than your Taskbar can display
  - 5) None of these
176. To make the number pad act as directional arrows, you press the \_\_\_\_\_ key.
- 1) shift
  - 2) arrow lock
  - 3) num lock
  - 4) caps lock
  - 5) None of these
177. Marketing can be effected by \_\_\_\_\_.
- 1) bringing in new customers
  - 2) retaining existing customers
  - 3) selling more to existing customers
  - 4) quality pre and post sales service
  - 5) All of these
178. Something which has easily-understood instructions is said to be \_\_\_\_\_.
- 1) user friendly
  - 2) information
  - 3) word processing
  - 4) icon
  - 5) None of these



197. Customer database is \_\_\_\_\_ .  
 1) useful for lead generation  
 2) useful for cross selling  
 3) useful for CRM  
 4) useful for customization of products  
 5) All of these

198. Data warehouse is \_\_\_\_\_ .  
 1) a godown  
 2) a shop selling computers  
 3) a showroom  
 4) a system where data on customers is stored  
 5) None of these

199. Retail Banking means \_\_\_\_\_ .  
 1) Retail shopkeepers  
 2) Banks financing to Retail Traders  
 3) Same as Universal Banking  
 4) Giving loans to corporates  
 5) Giving consumer loans to various public

200. Education Loans can be more effectively canvassed by \_\_\_\_\_ .  
 1) Door-to-door campaigns  
 2) E-mail contacts  
 3) Diversification  
 4) tie-up with colleges  
 5) All of these

**Answers and explanations**

1. 4	2. 5	3. 1	4. 2	5. 4	6. 5
7. 1	8. 3	9. 4	10. 4	11. 4	12. 3
13. 2	14. 1	15. 1	16. 2	17. 2	18. 5
19. 1	20. 3	21. 4	22. 3	23. 2	24. 2
25. 5	26. 2	27. 3	28. 3	29. 5	30. 4
31. 3	32. 5	33. 1	34. 2	35. 5	36. 3
37. 3	38. 5	39. 1	40. 5	41. 5	42. 4
43. 3	44. 1	45. 4	46. 5	47. 2	48. 1
49. 3	50. 2	51. 1	52. 5	53. 2	54. 1
55. 3	56. 1	57. 4	58. 2	59. 3	60. 5
61. 3	62. 5	63. 1	64. 4	65. 2	
66. 3; argument					
67. 5					
68. 4; asset					
69. 1; Believe					
70. 2; being					
71. 4	72. 1	73. 5	74. 2	75. 1	
76. 2	77. 4	78. 5	79. 3	80. 3	

81. 4;  $? = 848 \times \frac{11}{16} \times \frac{4}{5} \times \frac{5}{11} = 212$

82. 1;  $? = 750 \times \frac{1.4}{100} + 480 \times \frac{2.2}{100}$   
 $= 10.50 + 10.56 = 21.06$

83. 3;  $? = 116 \times \frac{3}{4} - 87 \times \frac{2}{3}$   
 $= 87 - 58 = 29$

84. 1;  $? = 6.96 + 1.2 - 18.24 + 7.6$   
 $= 5.8 - 2.4 = 3.4$

85. 2;  $? = 32.55 \times 2.4 \times 1.6 = 123.84$

86. 5;  $\frac{136}{100} \times 250 + \frac{?}{100} \times 550 = 670$   
 or,  $340 + 5.5 \times ? = 670$

or,  $5.5 \times ? = 670 - 340 = 330$

$\therefore ? = \frac{330}{5.5} = 60$

87. 4;  $? = 448 \div 16 \times 35$

$= \frac{448}{16} \times 35 = 28 \times 35 = 980$

88. 3;  $? = \frac{14 \times 25 - 5^3}{24 \times 5 + 8 \times 9} = \frac{350 - 125}{120 + 72}$

$= \frac{225}{192} = \frac{75}{64} = 1 \frac{11}{64}$

89. 1;  $? = 78.45 + 128.85 + 1122.25 = 1329.55$

90. 5;  $\therefore 8729 - 4376 + 1245 = ? + 2785$

or,  $5598 = ? + 2785$

or,  $? = 5598 - 2785 = 2813$

91. 2;  $\therefore \frac{87}{5} \times \frac{37}{8} - ? = \frac{375}{8}$

or,  $\frac{3219}{40} - ? = \frac{375}{8}$

$\therefore ? = \frac{3219}{40} - \frac{375}{8} = \frac{1344}{40}$

$= \frac{168}{5} = 33 \frac{3}{5}$

92. 4;  $? = 5616 \div 18 \div 8 = \frac{5616}{18 \times 8}$

93. 5;  $? = 420 + 28 \times 288 + 32$

$= \frac{420}{28} \times \frac{288}{32} + 15 \times 9 = 135$

94. 2;  $\therefore 22^2 + \sqrt{?} = 516$

or,  $\sqrt{?} = 516 - 484 = 32$

$\therefore ? = (32)^2 = 1024$

95. 3;  $? = 660 \times \frac{45}{100} + 450 \times \frac{28}{100}$   
 $= 297 + 126 = 423$

96. 2;  $12 \times 2 - 8 \quad 16 \times 2 - 8 \quad 24 \times 2 - 8 \quad 40 \times 2 - 8$  [72]

97. 3;  $9 \times 2 + 1 \quad 19 \times 2 + 1 \quad 39 \times 2 + 1 \quad 79 \times 2 + 1$  [159]

98. 4;  $8 + (3)^2 \quad 17 + (5)^2 \quad 42 + (7)^2 \quad 91 + (9)^2$  [172]

99. 5;  $7 \times 1 + 1 \quad 8 \times 2 + 2 \quad 18 \times 3 + 3 \quad 57 \times 4 + 4$  [232]

100. 5;  $3840 \times \frac{1}{4} \quad 960 \times \frac{1}{4} \quad 240 \times \frac{1}{4} \quad 60 \times \frac{1}{4}$  [15]

101. 1; Let the numbers be  $x$  and  $y$   
 Now, according to the question,

$$x \times \frac{75}{100} = y \times \frac{3}{7}$$

or,  $\frac{x}{y} = \frac{3}{7} \times \frac{100}{75} = \frac{4}{7}$

102. 2; Distance =  $2 \times 275 = 550$  m and  
 Time = 33 sec

Speed of the train =  $\frac{550}{33} \times \frac{18}{5} = 60$  km/hr

103. 3; Required Compound Interest

$$= 45000 \left[ \left( 1 + \frac{9}{100} \right)^2 - 1 \right]$$

$$= 45000 \left( \frac{109 \times 109 - 100 \times 100}{100 \times 100} \right)$$

$$= \frac{45000 \times 1881}{10000} = \text{Rs } 8464.50$$

104. 1; Required cost =  $68400 \times \frac{5}{9} = \text{Rs } 38000$

105. 3;  $\frac{9}{11} = 0.81; \frac{7}{9} = 0.77; \frac{5}{6} = 0.83; \frac{4}{5} = 0.80; \frac{11}{13} = 0.85$   
 Ascending order =  $0.77 < 0.80 < 0.81 < 0.83 < 0.85$

$$= \frac{7}{9} < \frac{4}{5} < \frac{9}{11} < \frac{5}{6} < \frac{11}{13}$$

106. 1; Required Principal =  $\frac{5520 \times 100}{12 \times 8} = \text{Rs } 5750$

107. 5; Average =  $\frac{148 + 88 + 184 + 166 + 96 + 122}{6}$   
 $= \frac{804}{6} = 134$

108. 2; Ratio between investing amount  
 $= 185000 : 225000 = 37 : 45$   
 Sum of the ratios =  $(37 + 45) = 82$

Total profit =  $\frac{82}{45} \times 9000 = \text{Rs } 16400$

109. 2; Let the present age of son be  $x$  years  
 $\therefore$  present age of father =  $6x$  years  
 Now, according to the question,

$$\frac{6x + 4}{x + 4} = \frac{4}{1}$$

or,  $6x + 4 = 4x + 16$   
 or,  $2x = 12$

$\therefore x = \frac{12}{2} = 6$  years

110. 3; Selling Price =  $4860 \times \left( \frac{100 + 25}{100} \right)$   
 $= 4860 \times \frac{125}{100} = \text{Rs } 6075$

111. 2; Let the number be  $x$ .  
 Now, according to the question,

$$\frac{65x}{100} - \frac{2x}{5} = 140$$

or,  $\frac{25x}{100} = 140$

$\therefore x = \frac{140 \times 100}{25} = 560$

$\therefore 30\% \text{ of } 560 = \frac{560 \times 30}{100} = 168$

112. 1; Let the original number be  $10x + y$   
 Now, according to the question,  
 $(10y + x) - (10x + y) = 27$  and  
 $x + y = 13$

Now,  
 $y - x = 3 \dots (i)$

$y + x = 13 \dots (ii)$

$\therefore y = 8$  and  $x = 5$

$\therefore$  required number =  $10 \times 5 + 8 = 58$

113. 5; Required number of days =  $\frac{22 \times 16}{32} = 11$

114. 1; Required monthly income

$$= 5800 \times \frac{100}{(100 - 38 - 25 - 12)} = \frac{5800 \times 100}{25}$$

$$= \text{Rs } 23200.$$

115. 4; Let  $A = x$ ,  $B = x + 2$ ,  $C = x + 4$ ,  $D = x + 6$  and  $E = x + 8$

$$\therefore \frac{A+C}{2} = \frac{x+(x+4)}{2} = 59$$

$$\therefore x = 57$$

$$\therefore \text{smallest number} = 57$$

116. 5; Required % =  $\frac{780 \times 100}{3810} = 20.47 \approx 20\%$  (Approx.)

117. 2; Required average =  $\frac{760 + 740 + 820 + 880 + 840}{5}$

$$= \frac{4040}{5} = 808$$

118. 4; Required per cent =  $\frac{800 \times 100}{3750} = 21\frac{1}{3}$

119. 1; Required ratio =  $\frac{820 + 860}{800 + 780} = \frac{1680}{1580} = 84 : 79$

120. 3; Required average

$$= \frac{750 + 880 + 920 + 840 + 790}{5}$$

$$= \frac{4180}{5} = 836$$

121. 4; Tree is very beautiful  $\Rightarrow$  ka na da ta ... (i)  
 This is strong tree  $\Rightarrow$  na pa sa ka ... (ii)  
 $\therefore$  is tree  $\Rightarrow$  na ka  
 Clearly, code for 'beautiful' cannot be found.

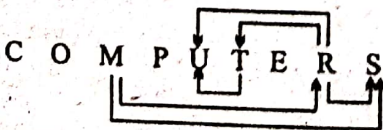
122. 2; As, G I V E and F A I L

↓	↓	↓	↓	↓	↓	↓	↓
5	1	@	©	%	2	1	9

Hence, L E A F

↓	↓	↓	↓
9	©	2	%

123. 5;



M-R, M-S, R-T, and T-U

124. 2; New arrangement of the digits of the number :

3 8 6 7 4 5 1 0 9 2

Third digit from the right end is 0.

125. 3; Others are parts of the car.

126. 4;  $115 = 5 \times 23$ ;

$85 = 5 \times 17$ ;

$95 = 5 \times 19$ ;

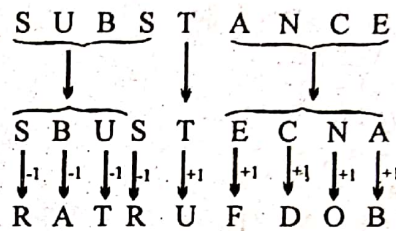
$75 = 3 \times 5 \times 5$  and

$155 = 5 \times 31$

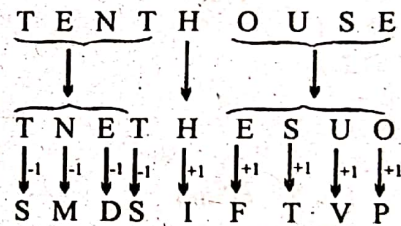
75 has 3 factors while others have 2 factors.

127. 5; Meaningful words are: MEAT, TEAM, MATE, META and TAME.

128. 1; As,



Similarly,



129. 5;  $519 \Rightarrow 915$ ;  $364 \Rightarrow 463$ ;  $287 \Rightarrow 782$ ;  $158 \Rightarrow 851$ ;  
 $835 \Rightarrow 538$

Second lowest number is  $538 \Rightarrow 835$

Clearly, third digits will be 5

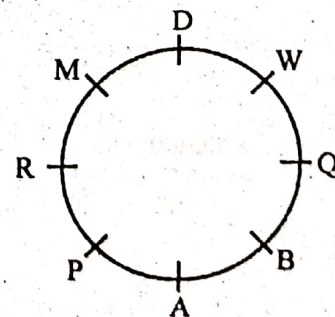
130. 4; From the above, we have the second highest number as  $851 \Rightarrow 158$ . Clearly, the middle digit is 5.

131. 3; Highest number is 835.

Lowest number is 158.

Required difference =  $5 - 3 = 2$

(132-137):



132.3 133.2 134.1 135.1 136.3 137.5

138. 3;  $W @ T \Rightarrow W \geq T$

$T \odot M \Rightarrow T \leq M$

$M \$ D \Rightarrow M < D$

$\therefore W \geq T \leq M < D$

**Conclusions:**

- I.  $W \# D \Rightarrow W > D$  (Not True)
- II.  $W @ M \Rightarrow W \geq M$  (Not True)
- III.  $D \# T \Rightarrow D > T$  (True)

139. 4;  $F \star R \Rightarrow F = R$   
 $R \odot M \Rightarrow R \leq M$   
 $M \$ D \Rightarrow M \leq D$   
 $\therefore F = R \leq M < D$

**Conclusions:**

- I.  $D \# R \Rightarrow D > R$  (True)
- II.  $D \# F \Rightarrow D > F$  (True)
- III.  $M @ F \Rightarrow M \geq F$  (True)

140. 4;  $V \odot M \Rightarrow V \leq M$   
 $M \star B \Rightarrow M = B$   
 $B \$ F \Rightarrow B < F$   
 $\therefore V \leq M = B < F$

**Conclusions:**

- I.  $F \# M \Rightarrow F > M$  (True)
- II.  $B @ V \Rightarrow B \geq V$  (True)
- III.  $F \# V \Rightarrow F > V$  (True)

141. 5;  $D \# N \Rightarrow D > N$   
 $N @ B \Rightarrow N \geq B$   
 $B \star F \Rightarrow B = F$   
 $\therefore D > N \geq B = F$

**Conclusions:**

- I.  $F \$ D \Rightarrow F < D$  (True)
- II.  $N \# F \Rightarrow N > F$
- III.  $N \star F \Rightarrow N = F$  } Either II or III is true

142. 3;  $R \$ T \Rightarrow R < T$   
 $T \# K \Rightarrow T > K$   
 $K @ M \Rightarrow K \geq M$   
 $\therefore R < T > K \geq M$

**Conclusions:**

- I.  $R \$ M \Rightarrow R < M$  (Not True)
- II.  $T \# M \Rightarrow T > M$  (True)
- III.  $R \$ K \Rightarrow R < K$  (Not True)

143. 1;  $H \# N \Rightarrow H > N$   
 $N \$ T \Rightarrow N < T$   
 $T @ B \Rightarrow T \geq B$   
 $\therefore H > N < T \geq B$

**Conclusions:**

- I.  $B \$ N \Rightarrow B < N$  (Not True)
- II.  $H \# T \Rightarrow H > T$  (Not True)
- III.  $B \$ H \Rightarrow B < H$  (Not True)

144. 1; Sixth to the right of the twenty - first from the right end means  $(21 - 6 =)$  15th from the right end ie 8.

145. 3; Such combinations are @EJ and %AV

146. 2; Such combination is Q\$6

147. 3; Such combinations are 1H% and 2Q\$

148. 2;  $8 \xrightarrow{+1} 1 \xrightarrow{-3} D$

$8 \xrightarrow{+1} 7 \xrightarrow{-2} 5$

$P \xrightarrow{+1} 2 \xrightarrow{-3} 7$

$E \xrightarrow{+1} J \xrightarrow{-3} R$

$T \xrightarrow{+1} 4 \xrightarrow{-3} J$

149. 4; The new arrangement

W3REJKT4B9IDU 8 1HAV57MP2Q6

↑  
Fourteenth from the left end

150.2				
151.2	152.4	153.1	154.2	155.1
156.5	157.1	158.4	159.3	160.2
161.3	162.1	163.3	164.4	165.1
166.3	167.4	168.4	169.3	170.3
171.1	172.3	173.1	174.2	175.4
176.3	177.5	178.1	179.1	180.4
181.4	182.1	183.1	184.4	185.4
186.3	187.5	188.4	189.3	190.5
191.5	192.2	193.3	194.4	195.5
196.5	197.3	198.4	199.3	200.4