

# SBI Bank Clerical Exam

Based on previous-year question papers and the latest probable trends

**Time allowed:** 2 hours, 15 minutes

**No. of questions:** 200

Each question carries 2 marks for the right answer. There is a penalty of 1/3 marks (i.e. -0.66 marks) for each question attempted wrongly.

## I. English Language and Comprehension

**Directions (Qs. 1-10):** Read the following passage carefully and answer the questions given below it. Certain words have been printed in **bold** to help you to locate them while answering some of the questions.

The hungry jackal was **deserted**. It was late afternoon and he had not eaten a square meal since two days. Feeling tired, he finally managed to reach the **adjacent** town. By this time, it was right.

"I hope, I'll get some food here," the jackal thought, as he roamed the streets like a **vagabond**. The jackal was scared of men and dogs but he was too hungry to care about this aspect.

Suddenly, the jackal heard the barking of dogs. Taken **aback**, he started running at his full speed. The dogs appeared to come closer and closer. Finally, the dogs came very close to him. The jackal saw himself in front of a house. Seeing the gate open, he rushed inside. He could not notice a large tub of blue dye lying there. The jackal fell into the tub with a splash. When the dogs arrived at the dyer's house, they failed to see the jackal hiding in the tub. So, they went away.

After some time, the jackal quietly stepped out of the tub. "Thank God!", he said.

Suddenly he noticed that his body had become blue. This was shocking. "Why have I turned all blue? What should I do now?" he **wondered** as he ran back to the forest.

All the animals were filled with fear on seeing this jackal. "What a strange creature! Is it real or is it a spirit?" they questioned one another, looked **askew** and ran away.

The jackal was quick to realise that the animals were afraid of him now. "They don't realise that I am the same ordinary jackal", he thought.

He decided to make the most of the new **atmosphere**. At once, he designed a clever plan. **Audaciously**, he raised his voice and shouted, "Don't be afraid of me. Come here and listen to me, everybody."

The animals stopped and slowly came near him, trembling with fear. The jackal **ascended** a big rock and looked at the animals around him.

The old bear was the foremost to dare to speak. "Who are you?" he asked. The jackal said, "I am your king. God has sent me here as his representative to look after you. So, do not be afraid."

The animals were **satiated**. They bowed their heads and begged forgiveness. They asked, "what can we do for you?"

The jackal was all bubbling that his plan had worked. He said, "you just have to look after my needs. Bring me good food to eat, everyday."

The animals were eager to please him. From that day, the blue jackal lived a comfortable life.

**1.** When did the jackal reach the town?

- (1) In the afternoon (2) On the 3rd day  
(3) Late in the afternoon (4) In the evening  
(5) At night

**2.** What was the jackal scared of?

- (1) animals in the jungle (2) the lion  
(3) hunger (4) dogs  
(5) men and dogs

**3.** Where did the jackal reach, on being chased by dogs?

- (1) In a house (2) In the forest  
(3) In a dyer's house (4) In a city  
(5) Inside a gate

**4.** Why did the dogs go away?

- (1) They suddenly became scared of the jackal's new look  
(2) They were afraid of the dyer  
(3) They were afraid of men  
(4) They lost sight of the jackal  
(5) None of these

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5. When the jackal reached the jungle/forest, why did all the animals run away from him?

- (1) Blue colour scared them
- (2) They were afraid of spirits
- (3) The jackal's looks were strange
- (4) They feared all new animals
- (5) The jackal was very hungry

6. According to the jackal, what reason was propounded by him to be there in the forest?

- (1) The jackal was afraid of the city's men and dogs
- (2) The jackal wanted to eat good food
- (3) To be their king
- (4) To scare them
- (5) To look after them

7. Which of the following is TRUE about the jackal?

- (1) On being chased by forest animals, the jackal ran away to the town
- (2) The jackal roamed the streets like a king
- (3) The jackal fell into the tub to get himself dyed in blue
- (4) The jackal planned to go to the town for a new look
- (5) The jackal was very hungry

8. Which of the following is NOT TRUE about the forest animals?

- (1) The old bear was the first one to speak to the blue jackal
- (2) The animals became suspicious of the blue jackal
- (3) The animals were ready to look after the jackal's needs
- (4) On seeing the blue jackal the animals began to run away
- (5) None of these

9. Why did the jackal decide to fool other animals?

- (1) Because the animals were afraid of him
- (2) Because he had gained special powers from God
- (3) Because he was their king
- (4) Because the animals had sent him out of the jungle
- (5) Because he realised that his new appearance made the animals scared

10. Which of the following events is not in the chronological order as given in the passage:

- (1) The jackal reached the town
- (2) The jackal satisfied his hunger
- (3) The jackal fell into a tub full of dye/colour
- (4) The coloured jackal returned to the jungle
- (5) The jackal proclaimed himself as the new king.

**Directions (Qs. 11-13):** Choose the word that is most nearly the SAME in meaning as the word/phrase printed in **bold**, as used in the passage.

**11. deserted**

- (1) uninhabited
- (2) hungry
- (3) dry
- (4) alone
- (5) tired

**12. aback**

- (1) returned
- (2) backfoot
- (3) surprised
- (4) chased
- (5) confused

**13. atmosphere**

- (1) air
- (2) situation
- (3) sky
- (4) look
- (5) surroundings

**Directions (Qs. 14-15):** Choose the word that is most OPPOSITE in meaning to the word printed in **bold**, as used in the passage.

**14. adjacent**

- (1) nearby
- (2) surrounding
- (3) bright
- (4) satisfying
- (5) afar

**15. audaciously**

- (1) fearfully
- (2) slowly
- (3) barely
- (4) appealing
- (5) boldly

**Directions (Qs. 16-20):** Read each sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). (Ignore errors due to punctuation, if any).

16. The committee were(1) unanimous in their(2) decision regarding the(3) suspended employees.(4) No error.(5)

17. It is upto you(1) to decide(2) whether to stay here(3) or to go to Nagpur.(4) No error.(5)

18. The careless man consoled himself(1) by thinking that(2) he had loss(3) the purse solely due to bad luck.(4) No error.(5)

19. The goods carried by the truck(1) was stolen during(2) the journey from Delhi to Mumbai(3) while the driver was away for lunch.(4) No error.(5)

20. According to the writer of this book(1) every persons would(2) gain from the ideas(3) contained therein.(4) No error.(5)

**Directions (Qs. 21-22):** The number mentioned against each question is to be coded using the following codes:

Number : 0 2 4 6 8 9 5 3 1 7

Code: L B A M K T R X U P

From the answer choices, find out the correct code for the given number. If none of the codes is correct, mark(5) as the answer.

21. 952481027

- (1) TRBKAULBP
- (2) TRBAKLUBP
- (3) TRBAKULPB
- (4) TRBAKULBP
- (5) None of these

22. 31297584

- (1) XUBTPRMA
- (2) XUBPTRKA
- (3) XUBTRPKA
- (4) XUBTPRAK
- (5) None of these

**Directions (Qs. 23-25):** In each of the following questions, five words are given. Which one of them will come at the third place, if they are arranged alphabetically as in a dictionary?

23. (1) chip (2) chlorine (3) chimney  
(4) chiroprody (5) china

24. (1) forearm (2) forego (3) forecast  
(4) foreigner (5) foreman.

25. (1) marvellous (2) massage (3) message  
(4) masculine (5) massacre

**Directions (Qs. 26-30):** Rearrange the following 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) calling this a miracle, her husband was overjoyed as their two small children were saved from being motherless.

(B) Monali, a mother of two, complained of headache while milking her cow.

(C) However, her condition worsened and she was declared dead in the afternoon.

(D) Before the cremation, Monali's sister observed that Monali took deep breaths and her pulse also returned.

(E) In a miraculous incident, a woman returned to life just before her last rites in the cremation ground.

(F) She fell unconscious within a few moments and was therefore rushed to a hospital.

26. Which is the SECOND sentence after rearrangement?

- (1) A
- (2) E
- (3) B
- (4) C
- (5) D

27. Which is the THIRD sentence after rearrangement?

- (1) F
- (2) E
- (3) D
- (4) C
- (5) B

**28.** Which is the FIFTH sentence after rearrangement?

- (1) F (2) A (3) B (4) C (5) D

**29.** Which is the LAST sentence after rearrangement?

- (1) B (2) A (3) D (4) C (5) E

**30.** Which is the FIRST sentence after rearrangement?

- (1) A (2) C (3) D (4) E (5) F

**Directions (Qs. 31-35):** Which of the phrases given in the answer choices should replace the word/phrase given in bold in the following sentences, to make them grammatically correct? If the sentence is correct, mark (5), i.e. No correction required, as the answer:

**31.** It is just a **piece of chance** that Mohit has stood first.

- (1) fact of matter (2) matter of fact  
(3) matter of chance (4) by chance

(5) No correction required

**32.** Can you **pay away** for my books?

- (1) pay away (2) pay out (3) pay for  
(4) pay of (5) No correction required

**33.** Somu **could** clearly see the sight as it was dark.

- (1) could rarely see (2) could not see  
(3) could observe (4) could see

(5) could barely see

**34.** He **has been awake** since fire in the morning.

- (1) is awakened  
(2) is being awake

(3) is rising

(4) is awake

(5) No correction required

**35.** The poor man's debts have **come upto** manageable levels this year.

- (1) come to  
(2) been coming upto  
(3) come from  
(4) came within  
(5) No correction required

**Directions (Qs. 36-40):** In the following questions, choose the option with the **correct spelling**.

**36.** (1) chalanges (2) challanges  
(3) chellenges (4) challenges  
(5) chellanges

**37.** (1) probidant (2) provident  
(3) providant (4) probident  
(5) None of these

**38.** (1) knowlege (2) knoledge  
(3) knowledge (4) knowledg  
(5) knowlage

**39.** (1) pollutian (2) polusion  
(3) polution (4) polllusan  
(5) pollution

**40.** (1) capillary (2) capillary  
(3) capiliary (4) kapillary  
(5) kepillary

## II : Quantitative Aptitude

**41.**  $7286 - 656 - 89 + 1234 = ?$

- (1) 7676 (2) 7767 (3) 7777  
(4) 6677 (5) 6777

**42.**  $\frac{32^3 - 42^3}{32^2 + 42^2 - 32 \times 42}$  equals :

- (1) 68 (2) 74 (3) 47  
(4) 86 (5) None of these

**43.** The value of  $572.813 + 29.8 - 123.567 - 219.84$  is:

- (1) 269.306 (2) 259.206  
(3) 259.306 (4) 276.406

(5) 283.306

**44.**  $67.95 + 22.33 = ? + 48.38$ . Which number should come in place of?

- (1) 45.90 (2) 43.90  
(3) 44.90 (4) 41.90  
(5) 40.90

**45.** The simplification of  $\frac{\sqrt{8} + \sqrt{2}}{\sqrt{8} - \sqrt{2}}$  gives :

- (1)  $\sqrt{2}$  (2)  $\frac{1}{\sqrt{2}}$  (3)  $\frac{1}{4}$   
(4)  $\frac{1}{3}$  (5) 3

**46.** The expression  $27 \left[ 4 \left\{ 3 - \left( 2 - \frac{1}{3} \right) \right\}^{-1} \right]^{-1}$  becomes :

- (1) 3 (2) 9  
(3) 4.5 (4) 2.7  
(5)  $1/27$

**47.**  $\sqrt{53.29} - \sqrt{7.29} = ?$

- (1) 4.6 (2) 10.0  
(3) 3.6 (4) 5.0  
(5) 6.4

**48.** The expression  $3\frac{1}{4} - 4\frac{2}{5} + 5\frac{3}{2} - 5\frac{35}{100}$  equals :

- (1) 5 (2) -5  
(3) 2 (4) -2  
(5) 0

**49.** The LCM of two numbers is 45 and their HCF is 15. What is the product of the numbers?

- (1)  $\frac{45}{15}$  (2)  $45^{15}$   
(3)  $15^{45}$  (4)  $45 \times 15$   
(5) None of these

**50.** By selling 33 metre cloth, a shopkeeper gains the selling price of 11 metre cloth. His % profit is:

- (1) 11 (2)  $\frac{1}{3}$   
(3) 33.33 (4) 50  
(5) 66.66

**51.**  $\sqrt{20 + \sqrt{20 + \sqrt{20 \dots}}} = ?$

- (1) 20 (2) 4.5  
(3) 10 (4) 5  
(5) 4

**52.** The average of the 1st 20 natural numbers is:

- (1) 10 (2) 11 (3) 10.5  
(4) 12 (5) 12.5

**53.** In a two-digit number, the sum of digits is five. If 9 be subtracted from the number, the digits are reversed. The number is:

- (1) 50 (2) 14 (3) 32  
(4) 23 (5) 41

**54.** A man is 4 times as old as his son. Five years back, he was 9 times his son's age. What is the present age of the son (in years)?

- (1) 8 (2) 9 (3) 10  
(4) 6 (5) 7

**55.** Arrange  $a = \sqrt{3}$ ,  $b = \sqrt[3]{4}$ ,  $c = \sqrt[4]{5}$  in ascending order.

- (1) cab (2) bac (3) abc (4) cba  
(5) bca

56. If  $2^{x+1} - 2^{x-1} = 12$ , then the value of x is :

- (1) 1 (2) 3 (3) 2  
(4) 4 (5) 5

57. The simplification of  $\frac{x^{5/2} y^{3/2}}{\sqrt{x} \sqrt{y}}$  is :

- (1) xy (2)  $xy^2$  (3)  $x^2y^2$   
(4)  $x^2y$  (5)  $\frac{x^2}{y}$

58. If  $\frac{a}{2} = \frac{b}{3} = \frac{c}{5}$ , then  $\frac{a+b+c}{b}$  equals :

- (1)  $\frac{10}{3}$  (2)  $\frac{3}{10}$  (3) 3  
(4) 10 (5) 0

59. The fourth proportional to 2, 5, 8 is:

- (1) 12 (2) 15 (3) 18  
(4) 20 (5) 24

60. A bag contains 50 paise, Re 1 and Re 2 coins in the ratio 2 : 5 : 6. If the total money in the bag is Rs 180, the number of Re 1 coins are:

- (1) 25 (2) 50 (3) 12  
(4) 60 (5) 75

61. If A : B = 2 : 3 and B : C = 4 : 5, then A : B : C = ?

- (1) 2 : 4 : 5  
(2) 8 : 12 : 15  
(3) 10 : 12 : 8  
(4) 12 : 8 : 10  
(5) 10 : 12 : 15

62. A shopkeeper professes to sell his goods at cost price but uses a weight of 900 gms for a kg. Find his gain per cent.

- (1)  $11\frac{1}{9}\%$  (2)  $9\frac{1}{11}\%$  (3)  $10\frac{1}{10}\%$   
(4)  $10\frac{1}{9}\%$  (5)  $9\frac{1}{10}\%$

63. The single discount equivalent to series discounts of 50% and 20% is:

- (1) 70% (2) 90% (3) 55%  
(4) 60% (5) 52%

64. If A's marks are 20% more than those of B, how much per cent less are B's marks than A's?

- (1) 25% (2) 20% (3) 15%  
(4)  $16\frac{2}{3}\%$  (5) None of these

65. 20 men working 6 hours a day take 10 days to finish a job. If there are only 15 men and they work 8 hours a day, how many days will they take?

- (1) 10 (2) 12 (3) 15  
(4) 18 (5) 20

Directions (Qs. 66-70): In the following series, find the odd-man out:

66. 110, 132, 253, 325, 231  
(1) 110 (2) 235 (3) 325  
(4) 231 (5) 132

67. 1, 3, 5, 7, 9  
(1) 9 (2) 7 (3) 5  
(4) 3 (5) 1

68. 9, 15, 21, 24, 28, 30  
(1) 15 (2) 28 (3) 21  
(4) 30 (5) 24

69. 1, 2, 3, 5, 10, 17  
(1) 3 (2) 2 (3) 1

- (4) 5 (5) 17  
70. 127, 136, 145, 163, 172, 181  
(1) 127 (2) 172 (3) 181  
(4) 145 (5) None of these

Directions (Qs. 71-75): In each of the following questions, mark your answer as:

- (1) if  $p > q$   
(2) if  $p < q$   
(3) if  $p = q$   
(4) if  $p \geq q$   
(5) if  $p \leq q$

71.  $p \Rightarrow x = \sqrt{9}$   
 $q \Rightarrow x^2 + 5x + 6 = 0$

72.  $p \Rightarrow$  speed of a train 100 m long, crossing a pole in 10s.

$q \Rightarrow$  speed of a boy running at 36 km/hr

73.  $p \Rightarrow$  surface area of a cube of edge 2 cm  
 $q \Rightarrow$  surface area of a cuboid of dimensions 3 cm  $\times$  2 cm  $\times$  1 cm

74.  $p \Rightarrow$  Volume of a sphere of radius 3 cm  
 $q \Rightarrow$  Volume of 3 spheres of radius 2 cm each

75.  $p \Rightarrow$  Simple interest on Rs 20,000 for 3 years at 5% p.a.

$q \Rightarrow$  Compound interest on Rs 15,000 for 2 years at 10% p.a.

Directions (Qs. 76-80): Study the following table carefully and answer the questions that follow them: (The table shows the sale (Rs 1000s) in various years, for various items, for a retail showroom)

Year $\rightarrow$ Sale Items $\downarrow$	2000	2004	2008
Shirts	10	20	30
Trousers	12	15	25
Jeans	20	26	80
Jackets	6	8	10
Cardigans	15	18	30

76. Which item recorded the highest per cent increase over the 8-year period?

- (1) Shirts (2) Trousers  
(3) Jeans (4) Jackets  
(5) Cardigans

77. The per cent increase is least for:

- (1) Shirts (2) Trousers  
(3) Jeans (4) Jackets  
(5) Cardigans

78. What is the per cent increase in sales of cardigans?

- (1) 50 (2) 100  
(3) 150 (4) 200  
(5) 250

79. If a shirt costs Rs 400 in 2004, how many shirts were sold?

- (1) 5 (2) 10 (3) 25  
(4) 40 (5) 50

80. A jean costs Rs 650 in 2004 and Rs 800 in 2008. The increase in number of jeans sold is:

- (1) 30 (2) 40 (3) 50  
(4) 60 (5) 80

**III. Reasoning**

**Directions (Qs. 81-85):** Four of the five parts in each question are alike in a certain way and so form a group. Which is the one that does not belong to the group?

- 81.** (1) 7 (2) 14 (3) 21  
(4) 28 (5) 35
- 82.** (1) bear (2) deer (3) reindeer  
(4) bear (5) Kangaroo
- 83.** (1) pen (2) pencil (3) sharpener  
(4) pencil-box (5) rubber
- 84.** (1) day (2) night (3) noon  
(4) evening (5) dawn
- 85.** (1) ACE (2) MOQ (3) JHE  
(4) BDF (5) UWY

**Directions (Qs. 86-90):** These questions are based on the arrangements I and II, the elements of the two corresponding in the same serial order. On the basis of I and II, answer the following questions:

- I. : + - × ÷ = %  $\sqrt{\quad}$   
II. : @ & Δ % \* p R

- 86.** 2@3 & 1Δ4%1\*
- (1)  $\frac{1}{2}$  (2) 1 (3)  $2\frac{1}{2}$   
(4) 3 (5)  $4\frac{1}{2}$
- 87.** 7Δ4%3\*2@4Δx, then x = ?
- (1)  $\frac{2}{3}$  (2)  $\frac{15}{7}$  (3)  $\frac{11}{6}$   
(4)  $\frac{3}{4}$  (5)  $\frac{7}{13}$
- 88.** 2Δ3Δ4%4Δ3Δ2\*
- (1) -1 (2) 0 (3) 1  
(4) -2 (5) 2
- 89.** 10pΔ10pΔ10pΔ20,000
- (1) 10 (2) 20 (3) 2.0  
(4) 0.2 (5) 0.1
- 90.** RR6400 is approximately:
- (1) 64 (2) 80 (3) 8.1  
(4) 9 (5) 8

**Directions (Qs. 91-95):** Each question below has two/three statements followed by three conclusions I, II and III. You have to take the given statements to be true even if they vary from the commonly known facts. Decide logically, which of the conclusion(s) follow(s).

**Statements:**

- 91.** 1. All pens are pencils.  
2. Some pencils are good.

**Conclusions:**

- I. All pencils are good.  
II. All pens are good.  
III. Some pencils are pens.
- (1) Only I follows  
(2) Only II follows  
(3) Only III follows  
(4) I, II follow  
(5) None of these

**Statements:**

- 92.** 1. Some men are good.  
2. Some women are good.

3. Some children are good.

**Conclusions:**

- I. Some men are not good.  
II. All men are good.  
III. Some good people are men, women or children.
- (1) Only I follows (2) Only I and II follow  
(3) Only III follows (4) All I, II and III follow  
(5) None follows

**Statements:**

- 93.** 1. All flowers are yellow.  
2. All yellow are nice.  
3. All nice are pens.

**Conclusions:**

- I. Some nice are yellow.  
II. Some nice are flowers.  
III. All flowers are pens.
- (1) Only I and II follow (2) Only II and III follow  
(3) Only I and III follow (4) None follows  
(5) All I, II and III follow

**Statements:**

- 94.** 1. No glass is rod.  
2. Some rods are thick.

**Conclusions:**

- I. No thick is glass.  
II. No thick is rod.  
III. No rod is glass.
- (1) Only I follows (2) Only II follows  
(3) Only III follows (4) I and II follow  
(5) II and III follow

**Statements:**

- 95.** 1. Some men are dark.  
2. All dark are rare.  
3. All rare are good.

**Conclusions:**

- I. Some good are dark.  
II. Some dark are men.  
III. Some dark are not men.
- (1) Only I and II follow (2) Only II and III follow  
(3) Only III and I follow (4) All I, II and III follow  
(5) I and either II or III follow

**Directions (Qs. 96-100):** Study the following information carefully and answer the questions that follow them.

6 friends A, B, C, D, E and F are sitting on a straight bench, all facing south, towards your face.

A and B are not at the ends.

F is at one of the ends.

A, who is 2nd from left, is between C and F, as seen by you.

D is at 3rd position from C.

A and B are equidistant from the centre.

**96.** Which 2 persons occupy the end seats?

- (1) F and A (2) F and D (3) F and E  
(4) F and C (5) F and B

**97.** What is C's position from F?

- (1) 1st (2) 2nd (3) 3rd (4) 4th (5) 5th

**98.** Which of these are adjacent?

- (1) F, D (2) A, E (3) C, F (4) B, A (5) B, D

**99.** What is E's position? (from left).

- (1) 1st (2) 2nd (3) 3rd (4) 4th (5) 5th

**100.** Who is between A and E?

- (1) C (2) D (3) E (4) F (5) A

**Directions (Qs. 101-105):** Study the following arrangement carefully and answer the questions given below them:

6+T3Q7QR9@K8#Q9%TP3\$--+2P1%XYA2Z

**101.** How many numbers are immediately preceded by a letter but not immediately followed by a symbol?

- (1) 0 (2) 1 (3) 3 (4) 2 (5) 6

**102.** How many consonants are there, which are immediately preceded by a consonant and immediately followed by a number?

- (1) 0 (2) 1 (3) 3 (4) 2 (5) None of these

**Directions (Qs. 106-110):** In these questions, which one of the five answer figures should come next, if the problem figure series were continued?

**PROBLEM FIGURES**

106.				
107.				
108.				
109.				
110.				

**ANSWER FIGURES**

1	2	3	4	5

**111.** In a certain code, 'La Lu Le' means 'I love you', 'La ki Le' means 'I and You'. What is the code for love?

- (1) La (2) Lu (3) Le  
(4) ki (5) Cannot be determined

**112.** Pointing to the man in the photograph, Shyam said, "His son's father is my father." How is Shyam related to the man?

- (1) Brother (2) Father (3) Grandson  
(4) Grandfather (5) Son

**113.** If a meaningful word starting with B can be formed from the letters of 'HACEB', then, the middle letter of the word is your answer. If no such word is formed, then your answer is (5).

- (1) A (2) E (3) C  
(4) H (5) None of these

**114.** In a certain code, 'GAME' is written as 'HZND'. How is 'RAVI' coded in this code?

- (1) VIAR (2) SBWJ (3) SZWJ  
(4) IVAR (5) SZWH

**115.** D is the brother of E, who is the son of B and C. If A is father of B, how are A and E related?

- (1) Grandfather—grandson  
(2) Grandfather—granddaughter  
(3) Grandmother—granddaughter  
(4) Father and son  
(5) Cannot be determined

**Statement:**

**116.** "Use X, the most effective brand" .....an advertisement.

**Assumptions:**

- I. Many people will use brand X.  
II. People will read the advertisement.  
III. People will not pay heed to the advertisement.

**103.** The number/symbol/alphabet which is 3rd to the left of the 10th from the right hand is?

- (1) 3 (2) P (3) T (4) 2 (5) +

**104.** Which of the following does not belong to the group?

- (1) T7 (2) RK (3) KQ (4) PX (5) None of these

**105.** How many symbols are followed by symbol only?

- (1) 0 (2) 1 (3) 2 (4) 3 (5) 4

- (1) Only assumption I is valid  
(2) Only assumptions I and II are valid  
(3) Either assumption II or III is valid  
(4) All are valid  
(5) None of the above

**Directions (Qs. 117-118):** Each question has a statement followed by two/three courses of action (I and II). Decide logically, which course of action should be followed.

**Statement:**

**117.** Nearly one-third of the children enrolled into high-school do not attend the school.

**Courses of action:**

- I. Schools must start luring schemes.  
II. A strict action must be immediately taken.

- (1) Only I (2) Only II  
(3) Both I and II (4) Neither I nor II  
(5) Can't be said

**Statement:**

**118.** Some bottles of drink XYZ were found to contain dead insects.

**Courses of action:**

- I. People should not be told about such incidents.  
II. The sale of all drinks must be banned.

- III. The manufacturers must be publicly humiliated.

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

**Directions (Qs. 119-120):** In these questions, a question is followed by 2 statements (I and II). Decide which of the statements can answer the question. Give answer:

- (1) if only I is sufficient  
 (2) if only II is sufficient  
 (3) if both are needed together  
 (4) if both are independently sufficient  
 (5) if both together are insufficient

**119.** Is X the brother of Y?

Statements:

- I. X is the daughter of K.  
 II. Y is the daughter of K.

**120.** What is the distance between X and Y?

Statements:

- I. X is 200 km from Z.  
 II. Z is 300 km from Y.

#### IV. General Awareness

**121.** The Nathu La Pass, which has increased Indian trade with a neighbour, lies between India and which country?

- (1) Pakistan (2) Bhutan (3) Nepal  
 (4) China (5) Tibet

**122.** The Banking Codes and Standards Boards has been formed to provide fair treatment to:

- (1) Employees' Unions (2) Member Banks (3) Officers  
 (4) SBI (5) Customers

**123.** In India, the CRR at present is approximately:

- (1) less than 5% (2) between 10% and 15%  
 (3) between 5% to 10% (4) 20%  
 (5) 35%

**124.** The present salary of an MP is (Rs per month):

- (1) 2,500 (2) 5,000 (3) 7,500  
 (4) 15,000 (5) 16,000

**125.** Which river was recently found to be the longest?

- (1) Amazon (2) Nile (3) Mississippi  
 (4) Ganga (5) Yangtze Kiang

**126.** The highest Indian mountain-peak is:

- (1) Mt Everest (2) Nanga Parbat (3) Dhaulagiri  
 (4) Godwin Austin (5) Annapurna

**127.** Basel II norms will lead to:

- (1) Capital A/c convertibility (2) Better Stock Exchanges  
 (3) Better CRR (4) Increased savings  
 (5) None of these

**128.** Rice is which kind of crop?

- (1) Rabi (2) Evergreen (3) Kharif  
 (4) Inter-seasonal (5) Monsoon

**129.** 'Jog falls' are in:

- (1) Kerala (2) J & K (3) U.P.  
 (4) Uttaranchal (5) Karnataka

**130.** The capitals of the new States Chhattisgarh, Jharkhand and Uttaranchal are:

- (1) Raipur, Ranchi, Dehradun  
 (2) Ranchi, Patna, Nainital  
 (3) Raniganj, Patna, Dehradun  
 (4) Patna, Raipur, Nainital  
 (5) None of the above

**131.** The Cancun Rounds are related to:

- (1) WHO (2) WTO (3) ILO  
 (4) UNICEF (5) Global warming

**132.** Which of the following monuments is **not** in Delhi?

- (1) Purana Kila (2) Qutab Minar (3) Red Fort  
 (4) Rashtrapati Bhavan  
 (5) None of these

**133.** The largest desert of the world is:

- (1) Arabian (2) Kalahari (3) Sahara  
 (4) Atacama (5) Gobi

**134.** Which of the following Indian banks made it to the list of *Fortune 500*:

- (1) PNB (2) Karnataka Bank (3) SBI

- (4) Vijaya Bank (5) Bank of Maharashtra

**135.** The highest per capita income in the country is in:

- (1) Delhi (2) Lucknow (3) Chandigarh  
 (4) Pune (5) Chennai

**136.** 14 major banks were nationalised in:

- (1) 1947 (2) 1952 (3) 1980 (4) 1969 (5) 1991

**137.** Approximately what per cent of rural Indians live on Rs 9 a day or less?

- (1) 0% (2) 1% (3) 10% (4) 2% (5) 20%

**138.** In India, the savings rate is (approximateLY):

- (1) 30% (2) 32% (3) 35% (4) 40% (5) 60%

**139.** Which of these is **not** related to Cauvery waters?

- (1) Karnataka (2) Tamil Nadu (3) Kerala  
 (4) Pondicherry (5) None of the above

**140.** The 'Sachchar Committee' deals with reservations for:

- (1) Sikhs (2) Muslims  
 (3) Christians (4) Gujjars  
 (5) Meenas

**141.** Hindustan Lever is now called:

- (1) Hindustan Johny Lever (2) Hindustan Unilever  
 (3) Hindustan Levers (4) Hindustan Ultra Lever  
 (5) None of these

**142.** Jnanpith Award, 2007 was bagged by:

- (1) Rahman Rahi (2) Arvind Kejriwal  
 (3) Javed Akhtar (4) S.R. Vardhan  
 (5) Pankaj Advani

**143.** 'In Line of Fire' is written by:

- (1) A.C. Doyle (2) Dorris Lessing  
 (3) Pervez Musharraf (4) Amartya Sen  
 (5) General Deepak Kapoor

**144.** Subhash Chandra is related to:

- (1) Cricket (2) Hockey (3) Sports  
 (4) Gallantry (5) Economy

**145.** Match the following:

- |                                    |                      |     |     |
|------------------------------------|----------------------|-----|-----|
| 1. The governor of RBI             | A. Manmohan Singh    |     |     |
| 2. Chairman of Rajya Sabha         | B. K.G. Balakrishnan |     |     |
| 3. Chairman of Planning Commission | C. Mohd. Ansari      |     |     |
| 4. Chief Justice of India          | D. Y.V. Reddy        |     |     |
| (1)                                | (2)                  | (3) | (4) |
| (1) B                              | D                    | C   | A   |
| (2) D                              | B                    | A   | C   |
| (3) B                              | D                    | A   | C   |
| (4) D                              | C                    | A   | B   |

**146.** The sex-ratio in India is (according to 2001 census data):

- (1) 933 (2) 996 (3) 867 (4) 861 (5) 729

**147.** Why was Dorris Lessing in the news?

- (1) She climbed Mt Everest for a record number of times  
 (2) She is the new US Secretary of State  
 (3) She is the recipient of the Nobel prize for literature  
 (4) She was crowned Miss Universe  
 (5) None of these

**148.** Who among the following was the chief guest for the Republic Day, 2008?

- (1) Gordon Brown (2) Hu Jintao  
 (3) Maria Sharapova (4) Matthew Hayden  
 (5) Nicolas Sarkozy

**149.** After the Sarkaria Commission, the new M.M. Punchhi Commission is related to:

- (1) Reservations in jobs  
 (2) Rajasthan riots  
 (3) Microdivision of reservations  
 (4) Banking reforms  
 (5) Centre-State taxes

**150.** In the 'ICL 20-20' finals, which team was the winner?

- (1) Chennai (2) Jaipur (3) Delhi  
(4) Mumbai (5) None of these

**151.** The 2008 Australian Open men's singles title went to:

- (1) Roger Federer (2) Novak Djokav  
(3) Rafael Nadal (4) Ricky Ponting  
(5) None of these

**152.** The outlay for the 11th 5-year plan is (Rs):

- (1) 3.6 lakh crore (2) 2.5 lakh crore  
(3) 5.8 lakh crore (4) 4.9 lakh crore  
(5) None of these

**153.** The first Deputy Secretary General of the UN is:

- (1) Jose Manuel (2) Lula de Silva  
(3) Asha Rose Migiro (4) Ms Christina Kirchner  
(5) Rattan Tata

**154.** The Prime Minister of Pakistan is:

- (1) Dr Fehmida Mirza (2) Yousaf Raza Gilani  
(3) Syed Musa Pak (4) Pervez Musharraf  
(5) Justice Choudhary

**155.** Simran Kaur was in the news for being crowned:

- (1) Miss Earth (2) Miss India-Earth  
(3) Femina Miss India (4) Miss India-Universe  
(5) Miss Delhi

**156.** Animal's People is a book written by:

- (1) Indra Sinha (2) Nassim Taleb  
(3) Arthur C. Clarke (4) Maneka Gandhi  
(5) Sunder Lal Bahuguna

**157.** The value of exports by India, in 2007-08 is (approx.):

- (1) US \$150 B (2) US \$188 B  
(3) US \$156 B (4) US \$125 B  
(5) US \$160 B

**158.** The GDP growth for 2008-09 is estimated to be:

- (1) 5% (2) 4%  
(3) 10% (4) 12%  
(5) 8%

**159.** Which Indian actor was conferred the title 'Officer of the Order of Arts and Letters' by French government?

- (1) Aamir Khan (2) Amitabh Bachchan  
(3) Akshay Kumar (4) Shah Rukh Khan  
(5) Preity Zinta

**160.** Who is Suresh Kalmadi?

- (1) General, Indian Army  
(2) Census Commissioner, India  
(3) Speaker, Lok Sabha  
(4) Education Minister of India  
(5) President, Indian Olympic Committee

### V. Marketing/Computer Aptitude

**161.** Which of these statements about marketing is TRUE?

- (1) It is not needed due to liberalisation era  
(2) It is not needed due to competition  
(3) It is not needed in a sellers' market  
(4) It is not needed in the global market  
(5) It is not needed in the buyers' market

**162.** A 'prospect' means:

- (1) A new bank employee  
(2) A new bank customer  
(3) A likely interested customer  
(4) An eager borrower  
(5) A rich depositor

**163.** In traditional marketing, there is:

- (1) Tele marketing (2) Direct marketing  
(3) Indirect marketing (4) Internet marketing  
(5) All of the above

**164.** If there is effective marketing, which of these is not needed?

- (1) Research (2) Advertisement  
(3) Publicity (4) Segmentation of market  
(5) Road-side shows

**165.** Which one of these is a long-term objective of marketing?

- (1) Customers' satisfaction  
(2) Maximisation of profit  
(3) Cost reduction  
(4) Profit Maximisation with customer satisfaction  
(5) None of these

**166.** 'Attitude' in marketing means:

- (1) The ego of the customer  
(2) The manners of seller  
(3) The mental state of consumer  
(4) The behaviour of salesman  
(5) All of the above

**167.** The 'JIT' (Just in Time) was 1st introduced into which countries' markets?

- (1) India (2) Pakistan (3) UK  
(4) Germany (5) USA

**168.** In the 'Online Marketing' system, which of these features is present?

- (1) Warranty (2) Guarantee (3) Gratuity  
(4) Exchange (5) Utility

**169.** By the term 'brand equity' we mean:

- (1) the methodology by which it enters the market  
(2) greater value of the brand  
(3) a brand at par with other brands  
(4) selling out shares of a company  
(5) Value of a brand based on various factors

**170.** 'Consumers' Day' is:

- (1) December 1 (2) March 15 (3) January 15  
(4) January 26 (5) August 21

**171.** When the bank assigns the job and work place to the various selected candidates, it will be called as:

- (1) Recruiting (2) Processing (3) Placement  
(4) Promotion (5) Counselling

**172.** The figure '10,000' in the banking related news recently, is related to:

- (1) Each bank should make 10,000 customers  
(2) Each customer should make 10,000 (Rs) deposits annually  
(3) Lead banks of SBI to have 10,000 customers  
(4) 10,000 new banks in the latest plan period  
(5) 10,000 bank branches of SBI

**173.** What is 'line extension'?

- (1) An increase in the types of products by a company  
(2) Introducing a new/additional product under the same old name  
(3) Increasing the warranty period of a product  
(4) None of the above  
(5) All of (1, 2, 3) above

**174.** The 'expansion of market' by developing 'new products' 'to satisfy new consumer's needs' is:

- (1) Intensification (2) Loyalty  
(3) Recruitment (4) Diversification  
(5) Circuiting

**175.** In the banking industry, what should be the 'key' drivers?

- (1) Publicity and Funds  
(2) CRR and SLR  
(3) Excellent marketing  
(4) Market reviews at short periods  
(5) Attract, Acquire and Retain the right customers



- 176.** For what is 'market research' used?  
 (1) Conducting surveys on bank's market value  
 (2) Analysis of statistical data  
 (3) Better understanding of customers' needs  
 (4) All of the above  
 (5) None of the above
- 177.** Marketing covers:  
 (1) The Right Approach  
 (2) The Public Approach  
 (3) The Production Approach  
 (4) The Profit Approach  
 (5) All of the above
- 178.** If a bank or some agency is exposing its customers to its various other services also, it will be known as:  
 (1) Cross-selling  
 (2) Market Research  
 (3) Customer Relationship Extension  
 (4) Competition  
 (5) Business Promotion
- 179.** To attract more customers, a bank should:  
 (1) Promote greater services  
 (2) Promote congenial atmosphere  
 (3) Promote good public relations  
 (4) Promote prompt services  
 (5) All of the above
- 180.** The generally employed 'market research' techniques are:  
 (1) Quantitative Approach (2) Quantitative Methods  
 (3) Personal interactions (4) Group studies  
 (5) All of the above
- 181.** The data entered into the computer is called:  
 (1) Algorithm (2) Calculation  
 (3) Input (4) Output  
 (5) Flowchart
- 182.** A collection of programs which control the running and the processing of information is called:  
 (1) computer (2) MS Office  
 (3) CPU (4) Operating System  
 (5) Desktop
- 183.** While working a document on the PC, where is the document stored temporarily?  
 (1) CD-ROM (2) Disk  
 (3) Hard Drive (4) RAM  
 (5) Flash memory
- 184.** MS office is a:  
 (1) Application suite (2) software  
 (3) hardware (4) marketing device  
 (5) USB
- 185.** Which of the following terms is related to a computer's memory:  
 (1) CPU (2) Monitor  
 (3) RAM (4) LAN  
 (5) ROM
- 186.** Mathematical problems can be effectively produced using:  
 (1) Apple (2) Cobol  
 (3) MS Express (4) MS Equation  
 (5) None of these
- 187.** Which of these modulates and demodulates signals, as while using the internet?  
 (1) FORTRAN (2) HTML  
 (3) TDM (4) PROLOG  
 (5) MODEM
- 188.** Which of these storage devices can be easily carried around?  
 (1) Hard disk (2) Hard drive (3) Floppy disk

- (4) cabinet (5) CPU
- 189.** In the FIRST generation computers, which kind of hardware was used?  
 (1) SC diodes (2) transistors  
 (3) MSIC (4) IC  
 (5) Diode and Triode Valves
- 190.** The father of computers is:  
 (1) Bill Gates (2) Jacquard  
 (3) Microsoft (4) Charles Babbage  
 (5) Azim Premji
- 191.** A 5-bit code can have many combinations?  
 (1) 50 (2) 5K  
 (3) 5 (4)  $2^5$   
 (5)  $5^2$
- 192.** Which of these terms describes severe phobia of computers?  
 (1) computer-maniac (2) Cybermaniac  
 (3) Cybersensitive (4) Hypercyber  
 (5) Cyberphobia
- 193.** The features of 'E-banking' are:  
 (1) Efficient banking facilities  
 (2) Banking through ATM cards also  
 (3) Banking through electronic devices  
 (4) Mobile Banking  
 (5) Phone Banking
- 194.** The first commercially available computer was:  
 (1) UNIVAC (2) EDUSAT  
 (3) ACE (4) Pentium  
 (5) EDVAC
- 195.** The computer's main controlling device is:  
 (1) chip  
 (2) RAM  
 (3) CPU  
 (4) Pad  
 (5) Monitor
- 196.** In the decimal form, 1010 is expressed as:  
 (1) 10 (2) 8 (3) 11  
 (4) 101 (5) 2
- 197.** The binary form of 15 is:  
 (1) 1001 (2) 1111 (3) 0101  
 (4) 1000 (5) 0011
- 198.** In FORTRAN, the maximum number of variables can be:  
 (1) 2 (2) 3 (3) 5  
 (4) 6 (5) 8
- 199.** India's Ist 'super computer' is:  
 (1) Micro computer (2) Mini computer  
 (3) Nanotech computer (4) PARAM  
 (5) MARK-2
- 200.** Which of these are units of data measurement in computers?  
 (1) Bit (2) Byte  
 (3) Kilobyte (4) Gigabyte  
 (5) All of the above

ANSWERS AND EXPLANATIONS

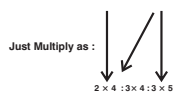
I. English Language and Comprehension

1. (5) Last sentence, 2nd para.  
 2. (5) Para 3, last sentence.  
 3. (3) End of para 4.  
 4. (4) End of para 4, etc.  
 5. (3) 6. (5) 7. (5) 8. (2) 9. (5)  
 10. (2) 11. (4) 12. (3) 13. (2)  
 14. (5) Adjacent → next to, close to  
 15. (1) Audacious → bold, fearless.  
 16. (1) 17. (1) up to

18. (3) lost  
 20. (2) person  
 21. (4) just match numbers and their codes carefully.  
 22. (5)  
 23. (1) Chimney, China, Chip.....(m, n, p....)  
 24. (2) Forearm, forecast, forego...(a, c, g...) etc.  
 25. (5) 26. (3) 27. (1) 28. (5) 29. (1)  
 30. (4) 31. (3) 32. (3) 33. (5) 34. (5)  
 35. (1) 36. (4) 37. (2) 38. (3) 39. (5)  
 40. (1)

**II. Quantitative Aptitude**

41. (3)  
 42. (2)  $a^3 + b^3 = (a + b)(a^2 - ab + b^2)$   
 $\rightarrow \frac{a^3 + b^3}{a^2 - ab + b^2} = a + b$   
 Thus, we have  $32 + 42 = a + b = 7.4$   
 43. (2) 259.206  
 44. (4)  $? = 67.95 + 22.33 - 48.38 = 41.90$   
 45. (3) Rationalise the denominator by multiplying and dividing by  $\sqrt{8} + \sqrt{2}$ . Thus, we have  
 $\frac{\sqrt{8} + \sqrt{2}}{\sqrt{8} - \sqrt{2}} \times \frac{\sqrt{8} + \sqrt{2}}{\sqrt{8} + \sqrt{2}} = \frac{8 + 2 + 2\sqrt{16}}{8 - 2}$   
 (Using  $(a + b)^2 = a^2 + b^2 + 2ab$  and  $(a - b)(a + b) = a^2 - b^2$ )  
 46. (2) Start with the smallest brackets. Thus, we have :  
 $2 - \frac{1}{3} = \frac{6 - 1}{3} = \frac{5}{3}; \left\{ 3 - \left( \frac{5}{3} \right) \right\} = \frac{4}{3}; \left\{ \frac{4}{3} \right\}^{-1} = \frac{3}{4};$   
 $4 \times \frac{3}{4} = 3$  and  $[3]^{-1} = \frac{1}{3}$  and  $27 \times \frac{1}{3} = 9$   
 47. (1)  $\sqrt{53.29} = 7.3$  and  $\sqrt{7.29} = 2.7$   
 $\therefore 7.3 - 2.7 = 4.6$   
 48. (5) The given expression  $= \frac{13}{4} - \frac{22}{5} + \frac{13}{2} - \frac{535}{100}$   
 LCM of 4, 5, 2 and 100 = 100  
 $\therefore$  we have,  $\frac{325 - 440 + 650 - 535}{100} = \frac{0}{100} = 0$   
 49. (4) The formula  $LCM \times HCF = \text{product of 2 numbers}$   
 $\rightarrow 45 \times 15 = \text{product}$   
 50. (4) Let SP of 1 metre = Rs x  
 $\rightarrow$  SP of 11m and 33 m = 11x and 33x  
 Using SP = CP + P  $\rightarrow 33x = CP + 11x \rightarrow CP = 22x$   
 $\therefore$  % Profit  $= \left( \frac{11x}{22x} \right) \times 100 = 50\%$   
 51. (4) Let  $x = \sqrt{20 + \sqrt{20 + \sqrt{20} \dots}}$   
 On squaring both the sides,  $x^2 = 20 + x$   
 $\rightarrow x^2 - x - 20 = 0$   
 Factorising,  $x^2 - 5x + 4x - 20 = 0$   
 $\rightarrow x(x - 5) + 4(x - 5) = 0$   
 $\rightarrow x = -4$  and  $x = 5$   
 \* For such numbers, you can use direct formula also, Eg.  $20 = 5 \times 4 \rightarrow$  Ans. 5  
 $12 = 4 \times 3 \rightarrow$  Ans. 4, etc.  
 52. (3) Sum of n terms,  $S_n = \frac{n}{2}[a + l] = \frac{20}{2}[1 + 20]$   
 $= 10 [21] = 210$   
 and Average  $= \frac{210}{20} = 10.5$

53. (3) Let number  $(x, y) = 10x + y$   
 $\rightarrow$  New number  $= 10y + x$  (reversed)  
 Also,  $x + y = 5$  ... (1)  
 Now,  $(10x + y) - 9 = 10y + x$   
 $\rightarrow 9(x - y) = 9 \rightarrow x - y = 1$  ... (2)  
 Adding (1) and (2),  $2x = 6, x = 3 \rightarrow y = 2$   
 $\rightarrow$  Number = 32  
 \* can be solved by direct speculation also  
 54. (1) Let the ages of the man and his son be y and x  
 $\rightarrow y = 4x$  ... (1)  
 Also, 5 years ago,  $y - 5 = 9(x - 5)$   
 $\rightarrow y - 5 = 9x - 45$  ... (2)  
 Put  $y = 4x$  in (2)  
 $\rightarrow 4x - 5 = 9x - 45 \rightarrow 5x = 40 \rightarrow x = 8$   
 $\therefore y = 8 \times 4 = 32$   
 55. (3)  $a = 3^{\frac{1}{2}}, y = 4^{\frac{1}{3}}, c = 5^{\frac{1}{4}}$   
 LCM of 2, 3, 4 = 12  
 $\rightarrow a = 3^{\frac{1}{2}} = 3^{\frac{6}{12}}, b = 4^{\frac{1}{3}} = 4^{\frac{4}{12}}$  and  $c = 5^{\frac{3}{12}}$   
 Now  $3^6 > 4^4 > 5^3 \rightarrow$  (3) follows  
 56. (2)  $12 = 16 - 4 = 2^4 - 2^2$   
 $\rightarrow 2^{x+1} - 2^{x-1} = 2^4 - 2^2$   
 Comparing powers,  $x + 1 = 4$  and  $x - 1 = 2$   
 $\rightarrow x = 3$   
 57. (4) Given expression  $= \frac{x^{\frac{5}{2}} y^{\frac{3}{2}}}{x^{\frac{1}{2}} y^{\frac{1}{2}}} = x^{\frac{5}{2} - \frac{1}{2}} = x^2 y^1$   
 58. (1) Let  $\frac{a}{2} = \frac{b}{3} = \frac{c}{5} = k \rightarrow a = 2k, b = 3k, c = 5k$   
 Thus,  $\frac{a + b + c}{b} = \frac{2k + 3k + 5k}{3k} = \frac{10k}{3k} = \frac{10}{3}$   
 59. (4)  $\frac{2}{5} = \frac{8}{x} \rightarrow 2x = 40 \rightarrow x = 20$   
 60. (2)  $50p = 0.5 \text{ Rs}$   
 Let the number of coins be 2x, 5x and 6x  
 $6x = (2 : 5 : 6)$   
 Thus, Total money  $= 2x \times 0.5 + 5x \times 1 + 6x \times 2$   
 $\rightarrow 180 = 18x$   
 $\rightarrow x = 10$   
 $\therefore 5x = 5 \times 10 = 50$   
 61. (2) A : B = 2 : 3  
 B : C = 4 : 5  
 $\frac{\text{A} : \text{B} : \text{C}}{\text{A} : \text{B} : \text{C}} = \frac{8 : 12 : 15}{8 : 12 : 15}$   
 Just Multiply as :   
 62. (1) He gains 100 g per 900 g  
 $\rightarrow$  % gain  $= \left( \frac{100}{900} \right) \times 100 = \frac{100}{9}\% = 11\frac{1}{9}\%$   
 63. (4) Total discount = 50% + 20% of remaining 50%,  
 i.e.  $10\% = (50 + 10)\%$   
 $= 60\%$   
 \*or, just use,  $x + y + \frac{xy}{100}$   
 i.e.  $-50 - 20 + \frac{-50 \times -20}{100}$   
 $= -70 + 10 = 60\%$

$$64. (4) \text{ Required \%} = \frac{x}{100+x} \times 100$$

$$= \frac{20}{120} \times 100$$

$$= \frac{100}{6} = \frac{50}{3} = 16\frac{2}{3}\%$$

65. (1) Use MDH = constant, (M = Men, D = Days,  
H = hours)

$$i.e. M_1 \times D_1 \times H_1 = M_2 \times D_2 \times H_2$$

$$\rightarrow 20 \times 10 \times 6 = 15 \times x \times 8$$

$$\rightarrow x = 10$$

66. (3) The sum of units and hundreds digits  
= central digit

$$e.g. 1 + 0 = 1, 1 + 2 = 3, \text{ etc.}$$

But,  $3 + 5 \neq 2$ , Thus, 325 does not follow the common rule

67. (1) Although all of them are odd numbers,  
yet 9 does not follow the rule  
9 is a composite number, others are primes.

68. (2) 28 is not divisible by 3, others are.

69. (1) We have the series as :

$$0^2 + 1, 1^2 + 1, 2^2 + 1, 3^2 + 1, \text{ etc.}$$

3 does not fit in this rule.

70. (5) The series increases by +9 each time,  
 $145 + 9 = 154$ , not 163

71. (4)  $p \rightarrow x = \pm 3, q \rightarrow x = -2 - 3$  (factorisation)  
Thus,  $p > q$  and  $p = q \rightarrow p \geq q$

72. (3)  $p \rightarrow \text{speed} = \frac{100}{10} = 10 \text{ m/s}$

$$q \rightarrow \text{speed} = 36 \times \frac{5}{18} \text{ m/s} = 10 \text{ m/s}$$

Thus,  $p = q$

73. (1)  $p \rightarrow A = 6a^2 = 6 \times 2^2 = 24$

$$q \rightarrow A = 2(lb + bh + lh) = 2(6 + 2 + 3) = 2(11) = 22$$

Thus,  $p > q$

74. (1)  $p \rightarrow \text{Volume, } V = \frac{4}{3}\pi r^3 = \frac{4}{3}\pi(3^3)$

$$\text{and } q \rightarrow V' = 3\left(\frac{4}{3}\pi \times 2^3\right)$$

Comparing, by dividing,  $\frac{p}{q} = \frac{3^3}{3 \cdot 2^3} = \frac{9}{8} \rightarrow p > q$

75. (2)  $p \rightarrow SI = \frac{PTR}{100} = \frac{20,000 \times 3 \times 5}{100} = 3,000$

$$q \rightarrow CI = A - P, \text{ where, } A = P \left(1 + \frac{R}{100}\right)^T$$

$$= 15000 \left(1 + \frac{10}{100}\right)^2$$

$$\rightarrow A = 15,000 \times \frac{121}{100} = 18,150$$

$$\text{and } CI = A - P = 18,150 - 15,000 = 3,150$$

Thus,  $q > p$  or  $p < q$

76. (3) % increase =  $\frac{80-20}{20} \times 100 = 300\%$

\*Or, directly, it becomes 4 fold ( $20 \rightarrow 80$ )

77. (4) \*It has not even doubled

78. (2) Required% =  $\frac{30-15}{15} \times 100 = 100\%$

79. (5) Total sale = Rs 20,000

$$\therefore \text{number of shirts} = \frac{20,000}{400} = 50$$

80. (4) As above,

$$\text{The required increase} = \frac{80,000}{800} - \frac{26,000}{650}$$

$$= 100 - 40 = 60$$

### III. Reasoning

81. (1) 7 is prime, others are composites.

82. (1) beer is a drink, others are animals.

83. (4) All others are part of stationery, contained in the pencil box.

84. (5) At dawn, it's the end of night and start of the day. All others are for several hours.

85. (3) Each group comprises alphabets at alternate places, like A - C - E.  
(A = 1, C = 3, E = 5) in *increasing* order. The order is reversed in (3).

86. (2) Putting values for symbols, we have

$$2 + 3 - 1 \times 4 \div 1 =$$

Use BODMAS,  $\rightarrow 2 + 3 - 1 \times \left(\frac{4}{1}\right)$

$$\rightarrow 2 + 3 - 1 \times 4$$

$$\rightarrow 2 + 3 - 4$$

$$\rightarrow 1$$

87. (3)  $\rightarrow 7 \times 4 \div 3 = 2 + 4 \times x$

$$\rightarrow 7 \times \frac{4}{3} = 2 + 4x$$

$$\rightarrow \frac{28}{3} - 2 = 4x$$

$$\rightarrow \frac{22}{3} = 4x$$

$$\rightarrow x = \frac{22}{12} = \frac{11}{6}$$

88. (3)  $\rightarrow \frac{2 \times 3 \times 4}{4 \times 3 \times 2} = 1$

89. (2)  $\rightarrow 10\% \times 10\% \times 10\% \times 20,000$

$$\rightarrow \frac{10}{100} \times \frac{10}{100} \times \frac{10}{100} \times 20,000$$

$$\rightarrow 20$$

90. (4)  $\sqrt{\sqrt{6400}}$

$$\rightarrow \sqrt{80}$$

$$\rightarrow \approx 9$$

91. (3) I is uncertain.

All + Some  $\rightarrow$  No conclusion, so

II is invalid.

III is valid. On reversal of

All pens are pencils  $\rightarrow$  Some pencils are pens.

92. (3) \*On combination, some + some = No conclusion

I is invalid as an assertion cannot provide a negative answer.

II is also uncertain as we cannot say about the remaining 'some' men.

III follows by reversal of the statements.

93. (5) I is valid (reversal of 2nd)

II is valid (reversal of 1 and 2)

III is valid (All + All = All)

94. (3) Ist on reversal  $\rightarrow$  No rod is glass

and 2nd on reversal  $\rightarrow$  some thick are rods.

Putting in order,  $\rightarrow \left\{ \begin{array}{l} \text{Some thick are rods} \\ + \text{No rod is glass} \end{array} \right\}$

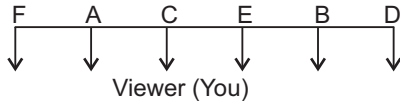
Now, some + No → Some Not

Thus, I is invalid

II is invalid (goes against 2nd)

Only, III is valid (reversal of Ist)

95. (5) I follows (from reversal of 2 + 3)  
II and III are complimentary and thus *either has to follow*.
96. (2) For Qs. 96 – 100, the seating arranged, as viewed by us, is :



97. (2)  
98. (5)  
99. (4)  
100. (1)  
101. (3) We have T3Q, Q7Q, A2Z → 3 numbers (3, 7 and 2)  
102. (4) R and P → 2  
103. (1) 3rd to left of 10th from RHS → 10 + 3 = 13th place, *i.e.* 3  
104. (5) All belong, as there are two gaps between 1st and 2nd alphabet/ number.  
105. (3) Sand - (followed by - and +) → 2  
106. (5) The small circle moves in and out, dark and unshaded following LHS → RHS → LHS pattern  
107. (3) The cross moves ACW (Anti - clockwise) by 1 place/ corner and the number of lines in zig - zag pattern increases to 11.  
108. (4) The CW corner element (*Eg.*  $\times$ ) moves by 1 and  $\frac{1}{2}$  sides alternately and remaining ones are put in the reverse order.  
109. (1) The shaded part moves CW (clockwise) by 1 place (90°) each time.  
110. (3) Blank and darkened figures come alternately. So, 1, 2 and 5 are rejected. 3 and 4 are possible. The arrow follows on ACW (anti-clockwise turn) each time.  
111. (2) La and Le are common codes in the sentences having I and You common. Thus, Lu = Love.  
112. (5) His son's father = He and He is my father → Shyam = son  
113. (1) BEACH  
114. (5) +1, - 1 alphabet  
R + 1 = S, A - 1 = Z, etc. (alternately + and -)  
115. (5) A Although A is grandfather, but sex of E is not known (whether male/female).  
B — C  
  /  \  
D — E  
116. (5) An 'assumption' is something 'supposed' or 'taken for granted'.  
If an advertisement is made, it is supposed that it will be read.  
Thus, only II is a valid assumption.

117. (4) Instead of luring, or immediately acting, the cause must first be found out and removed.  
118. (5) People should be made aware.  
Sale of all being banned and III are extreme steps and legal system should be first consulted.  
119. (1) Since X is daughter, she cannot be brother.  
120. (5) It may appear that  $XY = XZ + ZX$   
*i.e.*  $XY = 200 + 300$ , but the directions of X, Y, Z are not mentioned.  
*Eg.* they may be in a triangle, etc., instead of a straight line.

#### IV. General Awareness

121. (4) 122. (5) 123. (2) 124. (5)  
125. (1) Its source was found much farther away.  
126. (2) Also called K-2  
127. (1)  
128. (5) grown in late summers  
129. (5)  
130. (1)  
131. (2)  
132. (5) All in Delhi.  
133. (3)  
134. (3) 498th rank  
135. (3) Approx. Rs 68,000 p.a.  
136. (4)  
137. (3)  
138. (2)  
139. (5) All are related  
140. (2) Backwards among the muslims  
141. (2)  
142. (1) ...Kashmiri writer  
143. (3) ...his autobiography  
144. (1) ...media magnate, related to ICL's 20-20 matches idea  
145. (4) 146. (1) 147. (3) 148. (2)  
149. (5) 150. (1) 151. (2) 152. (1)  
153. (3) 154. (2) 155. (4) 156. (1)  
157. (3) 158. (5) 159. (4) 160. (5)

#### V. Marketing/Computer Aptitude

161. (3) due to monopoly/higher hand of the seller  
162. (3)  
163. (2) Others are in modern techniques  
164. (3)  
165. (4) dissatisfied customers means losing the market.  
166. (5) 167. (5) 168. (4) 169. (5)  
170. (2) 171. (3) 172. (5) 173. (2)  
174. (4) 175. (5) 176. (4) 177. (5)  
178. (1) 179. (5) 180. (5) 181. (3)  
182. (4) 183. (5) 184. (1) 185. (3)  
186. (4)  
187. (5) (MODEM = MODULATOR + DEMODULATOR)  
188. (3)  
189. (5) The size of valves made the size of computer excessively large.  
190. (4)  
191. (4)  $2^n$  is the standard formula for n bits.  
192. (5)  
193. (3) It includes (2), (3) and (4) also.  
194. (1)  
195. (3) Central Processing Unit  
196. (1)  $1010 = 2^3 \times 1 + 2^2 \times 0 + 2^1 \times 1 + 2^0 \times 0 = 10$   
197. (2) On dividing 5 by 2, remainders = 1111  
198. (4)  
199. (4)  
200. (5) Smallest unit = Bit (1 or 0).