

## **Bank of Baroda Probationary Officer Exam Solved Paper – Reasoning Ability**

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### **Bank of Baroda Probationary Officer Exam Solved Paper – Reasoning Ability Section (Held on 06-05-2007)**

**Directions—(Q. 16–20)** In each of the questions below are given four statements followed by three conclusions numbered I, II and 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.

**16. Statements:** Some leaves are flowers. No flower is fruit. Some fruits are branches. Some branches are stems.

**Conclusions :** I. Some leaves are stems. II. All leaves are either stems or fruits. III. All stems are either branches or fruits.

- (A) Only I follows
- (B) Only II & III follow
- (C) Only III follows
- (D) All follow
- (E) None follows

**17. Statements :** All lions are tigers. All tigers are leopards. Some leopards are wolves.

**Conclusions :** I. No elephant is lion. II. Some wolves are lions. III. Some leopards are lions.

- (A) Only I follows
- (B) Only II follows
- (C) Only III follows
- (D) Only I & III follow
- (E) All follow

**18. Statements :** Some caps are umbrellas. Some umbrellas are raincoats. All raincoats are trousers. All trousers are jackets.

**Conclusions :** I. Some raincoats are caps. II. Some trousers are umbrellas. III. All raincoats are jackets.

- (A) None follows
- (B) Only I & II follow
- (C) Only II & III follow
- (D) Only I & III follow
- (E) None of these

**19. Statements :** Some fans are coolers. Some coolers are machines. Some machines are computers. All computers are televisions.

**Conclusions :** I. Some televisions are machines. II. Some machines are fans. III. No machine is fan.

- (A) None follows
- (B) Only I follows
- (C) Only either II or III follows
- (D) Only I and either II or III follow
- (E) All follow

**20. Statements :** All keys are staplers. All staplers are blades. Some blades are erasers. Some erasers are sharpeners.

**Conclusions :** I. Some sharpeners are keys. II. All keys are blades. III. Some erasers are keys.

- (A) Only I & II follow
- (B) Only I follows
- (C) Only II follows
- (D) All follow
- (E) None of these

**Directions—(Q. 21–25)** These questions are based on the following arrangement—

D 5 4 I H \* \$ K E 3 L B @ A R M 1 6 F % J £ 2 7 C G 9

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21. If all the digits are dropped from the above arrangement, which of the following will be fourth to the left of seventh from the right end ?  
(A) B (B) @ (C) L (D) A (E) None of these
22. How many such symbols are there in the above arrangement each of which is either immediately followed or immediately preceded by a consonant but not both ?  
(A) None (B) One (C) Two (D) Three (E) More than three
23. If the position of ten elements from the right end is reversed which of the following will be fifth to the right of thirteenth from the right ? (A) % (B) F  
(C) C (D) G (E) None of these
24. How many such consonants are there in the above arrangement each of which is immediately preceded by a vowel and also immediately followed by another consonant ?  
(A) None (B) One (C) Two (D) Three (E) More than three
25. Four of the following five are alike in a certain way on the basis of their positions in the above arrangement and so form a group. Which is the one that **does not** belong to the group ?  
(A) KL3 (B) F£J (C) R61 (D) 1\$\* (E) @MA

**Directions—(Q. 26–30)** In each of the following questions, two rows of numbers are given. The resultant number in each row is to be worked out separately based on the following rules and the question below the rows is to be answered. The operations of numbers progress from left to right.

**Rules :**

- (i) If an even number is followed by another even number they are to be added.
- (ii) If an even number is followed by a prime number, they are to be multiplied.
- (iii) If an odd number is followed by an even number, even number is to be subtracted from the odd number.
- (iv) If an odd number is followed by another odd number the first number is to be added to the square of the second number.
- (v) If an even number is followed by a composite odd number, the even number is to be divided by odd number.

26. I. 84 21 13 II. 15 11 44

What is half of the sum of the resultants of the two rows ?

- (A) 116 (B) 132 (C) 232 (D) 236 (E) None of these

27. I. 45 18 12 II. 22 14 9

What is the product of the resultants of the two rows ?

- (A) 75 (B) 48 (C) 45 (D) 64 (E) None of these

28. I. 12 7 16 II. 79 28 15

What is the difference between the resultants of the second row and the first row ?

- (A) 276 (B) 176 (C) 100 (D) 156 (E) None of these

29. I. 36 13 39

II. 77 30 7

What will be the outcome if the resultant of second row is divided by the resultant of first row ?

- (A) 12 (B) 16 (C) 8 (D) 6 (E) None of these

30. I. 65 11 12

II. 15 3 11

What is the sum of the resultants of the two rows ?

- (A) 366 (B) 66 (C) 264 (D) 462 (E) None of these

**Directions—(Q. 31–35)** Study the following information carefully to answer these questions—

Eight members A, B, C, D, E, F, G and H belonging to three families X, Y, Z go for weekend outing in three different cars I, II, III. Four out of eight members are females. Members of any one family travel in

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*different cars. Each car has at least one male and one female members. Each family has at least two members.*

*A belongs to family Y and he travels in car III. D is wife of E and they travel in cars I & II respectively. H is son of B who is wife of G and they belong to family Z. C is daughter of F who is wife of A. C travels in car II. G does not travel with F.*

31. Which of the following group of persons travel in car I ?  
(A) D, F, G (B) D, E, G (C) D, G, H (D) D, F, H (E) None of these

32. Which car has only two members travelling in it ?  
(A) I (B) II  
(C) III (D) II or III (E) Cannot be determined

33. Which of the following members of families

Y and Z travel in different cars ?

(A) F, G (B) C, G (C) F, H (D) C, F (E) None of these

34. Which of the following group of persons is a group of all females ?

(A) B, D, G (B) A, B, C (C) B, E, F (D) D, E, F (E) None of these

35. Which of the following members of families

X and Y travel in the same car ?

(A) C, F (B) D, F (C) C, D (D) F, E (E) None of these

### **Answers:**

16. (E)

17. (C)

18. (C)

19. (D)

20. (C)

21. (A)

22. (E)

23. (C)

24. (B)

25. (E)

26. (A)

27. (E)

28. (B)

29. (C)

30. (D)

31. (D)

32. (C)

33. (A)

34. (E)

35. (B)