

SBI CLERK JA PRELIMS



REASONING ABILITY



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SBI Clerk JA Prelims Reasoning Ability

1. Marshal:? :: Principal: Student

- A. Teacher
- B. President
- C. Doctrine
- D. Prisoner
- E. None of these

Answer: D

Explanation:

Principal is a person in charge of a student.

Marshal is a person in charge of a prisoner

2. Linen: Flax::? : Cotton

- A. Sheep
- B. Uniform
- C. Sweater
- D. Denim
- E. None of these

Answer: D

Explanation:

Linen is a fabric made from flax.

Denim is a fabric made from cotton



3. King: Cobra:: Monarch:?

- A. Queen
- B. Butterfly
- C. Royal
- D. Venom
- E. None of these

Answer: B

Explanation:

King is a type of Cobra

Monarch is a type of butterfly



4. 3: 729:: 5:?

- A. 7776
- B. 1296
- C. 3125
- D. 15625
- E. None of these

Answer: C

Explanation:

$$3^6 = 729$$

$$5^6 = 15625$$

5. 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?

- A. 5, 13
- B. 7, 17
- C. 3, 21
- D. 19, 21
- E. 19, 23

Answer: C

Explanation:

All pairs contain co prime numbers except 3, 21



6. 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?

- A. Haryanvi
- B. Bundeli
- C. Chattisgarhi
- D. Kannauji
- E. Dogri

Answer: E

Explanation:

All other languages are a variety of Hindi language except Dogri

Other varieties of Hindi are Bra Bhasha, Awadhi, Bagheli



7. 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?

- A. Lima
- B. Wellington
- C. Cairo
- D. Cuba
- E. Kingston

Answer: D

Explanation:

Cuba is a country, all other capitals

8. 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?

- A. V. V. Geri
- B. K. R. Narayanan
- C. Rajendra Prasad
- D. I. K. Gujral
- E. Pranab Mukherjee

Answer: D

Explanation:

All others have been presidents of India, Gujral being PM of India

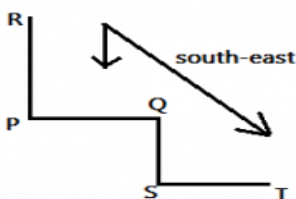


9. Point Q is 10 m east of point P. Point P is 4 m south of point R. Point S is 3 m west of point T and point Q is 5 m north of point S. What is the direction of point T with respect to point R?

- A. north-west
- B. west
- C. south-east
- D. east
- E. north-east

Answer: C

Explanation:



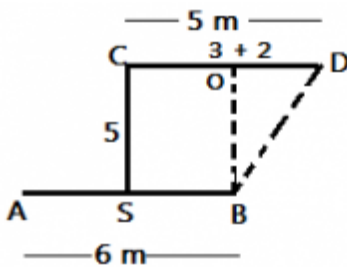


10. Point A is 6 m west of point B. Point C is 5 m north of point S which is midway on the AB. Point C is 5 m west of point D. What is the distance BD?

- A. $\sqrt{26}$ m
- B. 10 m
- C. $\sqrt{29}$ m
- D. 18 m
- E. None of these

Answer: C

Explanation:



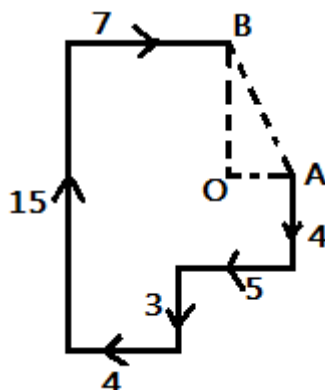
$$BD = \sqrt{5^2 + 2^2}$$

11. Rekha started from point A in south direction. After walking for 4 m she turned to her right and walked 5 m. Now she turned to her left and walked 3 m after which she turned to her right. Now she 10. Walked 4 m and turned to her right again and walked 15 m. Now finally she turned to her right and after walking for 7 m, she stopped at point B. What is the distance AB?

- A. $\sqrt{34}$ m
- B. 34 m
- C. $2\sqrt{17}$ m
- D. 17 m
- E. None of these

Answer: C

Explanation:





$$OB = 15 - 7 = 8, OA = 9 - 7 = 2$$

$$\sqrt{82+22}$$

Directions (Q. 12 - 15): Study the following information to answer the given questions:

In a certain code,

“RONG MALMY BUN JAR” is written as ‘24#G, 7%Y, 16\$N, 12@R’

“JIM RIMED BOT MONKEY” is written as ‘17@M, 28#D, 10\$T, 8%Y’

“MADWOMAN BEER RADIUM JUMP” is written as ‘21%N, 13\$R, 20#M, 15@P’

“ROMEO JAKE BABBLE MOD” is written as ‘17#O, 26@E, 28\$E, 26%D’

12. The code for the word ‘RIN’ is

- A. 8%N
- B. 8*N
- C. 17#N
- D. 16#N
- E. None of these

Answer: D

Explanation:

RUN – 16#N

R – #

No of letters – 3 + (Reverse Alphabet order of N = 13) = 16

Last letter – N

13. The code ‘26#E’ denotes which of the following word?

- A. ROPE
- B. REVERSE
- C. RUPEE
- D. RANDOM
- E. None of these

Answer: A

Explanation:

“26#E” – ROPE

R – #





Last letter – E

No of letters – $4 + (\text{Reverse Alphabet order of E} = 22) = 26$

14. Which of the following is the code for “MONK”?

- A. 1.20%K
- B. 26%K
- C. 1.28!K
- D. 24!K
- E. None of these

Answer & Explanation

Answer: A

Explanation:

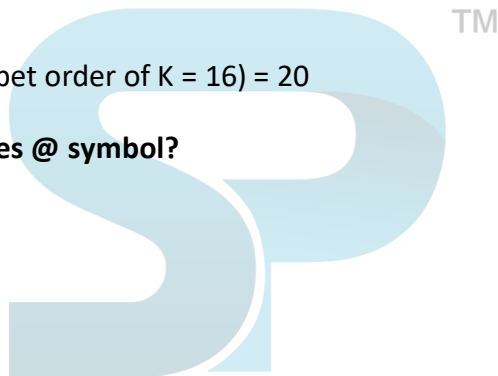
M – %

Last letter – R

No of letters – $4 + (\text{Reverse Alphabet order of K} = 16) = 20$

15. Which of the following denotes @ symbol?

- A. A
- B. M
- C. B
- D. R
- E. J



Answer: E

Explanation:

$J=@, M=\%, R=\#, B=\$$

Direction (16 -19): Study the following information carefully to answer the given questions

P @ Q means P is sister of Q

P % B means P is son of Q

P \$ Q means P is mother of Q

P # Q means P is father of Q

16. Which of the following should come in place of? To make the expression M is grandfather of S?

U % M # R ? T # S



- A. \$
- B. %
- C. @
- D. #
- E. None of these

Answer: C

Explanation:

U son: M father: R sister: T father S

17. How is P related to O in the given expression?

V \$ O # Y @ Z % P

- A. Grandmother
- B. Sister
- C. Wife
- D. Mother
- E. None of these

Answer: C

Explanation:

V mother O father Y sister Z son P

Hence OP => Husband & wife => YZ => Children of OP

18. A @ I % D \$ F # G, what relationship can exist between D and G?

- A. Aunty
- B. Grand Father
- C. Mother
- D. Grand Mother
- E. None of these

Answer: D

Explanation:

A sister I son D mother F father G

19. Z is father of M. M is married to B. B is mother of T. B has only one daughter, T is married to O. R is son of O.

How is B related to R?

- A. Mother



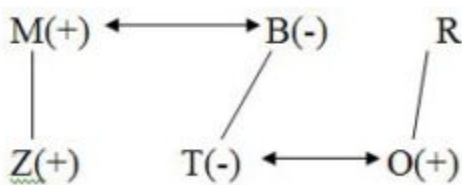


- B. Father
- C. Uncle
- D. Grand mother
- E. None of these

Answer: D

Explanation:

Blood Relation



20. In a row of girls facing north, neha is 9th to the left of niharika, who is 19th from the right end. If nisha who is 15th from the left end is 3rd to the right of neha, how many girls are there in the row?

- A. 34
- B. 37
- C. 39
- D. 41
- E. None of these

Answer: C

Explanation:

(11 girls) Neha – – Nisha (5 girls) Niharika (18 girls)

11 girl's means before neha there are 11 girls, 5 girls means 5 girls between nisha and niharika and similarly 18 girls

21. in a class of 75 students, the number of girls are twice the number of boys, Pankaj ranked 19th from the top. If there are 10 girls ahead of pankaj, then the number of boys after him in rank.

- A. 15
- B. 16
- C. 17
- D. 18
- E. None of these

Answer: B

Explanation:



Number of girls are 50 and number of boys are 25.

If 10 girls ahead of pankaj, means only 8 boys are ahead of him so number of boys after him = $25 - 8 - 1 = 16$

22. Summit is 8th rank ahead of Ravi in a class of 45. If Ravi rank from bottom is 19th then find the rank of summit from beginning?

- A. 17
- B. 18
- C. 19
- D. 20
- E. None of these

Answer: C

Explanation:

Number of students between summit and Ravi is 7. Number of students after Ravi is 18th. So rank of summit from beginning = $45 - 7 - 18 - 1$ (Ravi) = 19th

23. In a row of students facing north A is fifteenth from the left end and B is seventh from the right end. If they interchange their positions, B would be 17th from the right end. Find the number of students in the row.

- A. 30
- B. 31
- C. 32
- D. 33
- E. None of these

Answer: B

Explanation:

Initially there are 14 students to the left of A and after changing the position, there are 16 students to the right of B so total students = $14 + 16 + 1 = 31$

Direction (24 – 25): Study the following information carefully to answer the given questions.

There are 16 persons – B,C,D,E,F,G,H,I,P,Q,R,S,T,U,V and W standing in a Circular plot. Inside a circular plot, a circularly shaped garden is developed. The persons who are standing inside the garden facing outside. The persons who are standing outside the garden facing inside the centre and lives in a different number of floors. So all the persons standing in the inner circle faces the persons standing in the outer circle and holds a different number of chocolates.

G faces outside and S faces G. D sits immediate right of G. There are four people's sits between G and E. H is not an immediate neighbor of E. There are two persons standing between D and H. H faces R. There



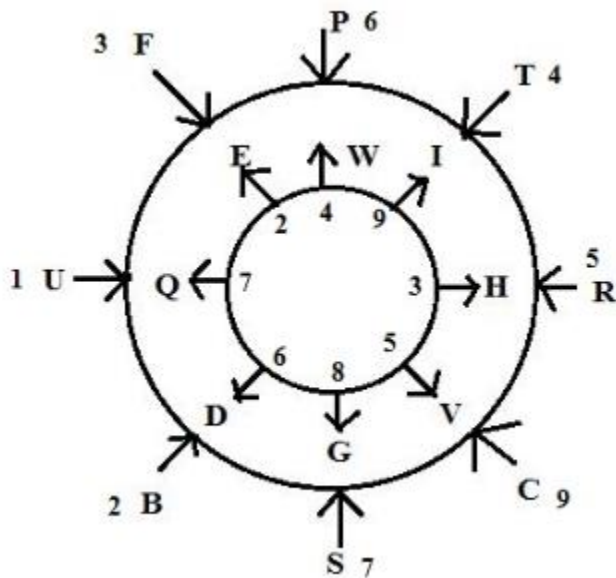
are three persons standing between R and U. U stands exactly between the B and F. B faces D. There are two persons standing between P and C. Neither S nor R is an immediate neighbor of P. I stand to the immediate left of H. I face T. The one who faces F stands exactly between the persons Q and W. W faces P. H stands second to the left of G. B lives on the second floor and sits exactly opposite to the person who lives on the floor which is the square number of the floor of B. F lives on the third floor and stands exactly opposite to the person who lives on the floor which is the square number of the floor of F. P lives on 6th floor and S lives immediately above P. U lives immediately below B. R lives immediately above T. The one who faces P holds chocolates two less than the number of the floor occupied by P. The one who faces U holds chocolates six more than the number of the floor occupied by U. Number of chocolates hold by E is the difference between the number of chocolates hold by D and W. Number of chocolates hold by G is the sum of the number of chocolates hold by D and E also equals to number of chocolates hold by V and H. Number of chocolates hold by I is the square of the number of chocolates hold by H.

24. In the given arrangement, how many people will sit between B and T?

- A. Two
- B. Three
- C. Four
- D. More than four
- E. One

Answer: B

Explanation (23 – 24):



25. Who amongst the following lives on the seventh floor?

- A. S
- B. Q



- C. Other than those given as options
- D. U
- E. C

Answer: A

Direction [26 - 27]: In an Exhibition seven cars of different companies - Cadillac, Ambassador, Fiat, Marti, Mercedes, Bedford and Fargo are standing facing to east in the following order:

- a) Cadillac is next to right of Fargo.
- b) Fargo is fourth to the right of Fiat.
- c) Marti car is between Ambassador and Bedford.
- d) Fiat which is third to the left of Ambassador is at one end.

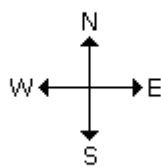
26. Which of the following groups of cars is to the right of Ambassador?

- A. Cadillac, Fargo and Marti
- B. Mercedes, Cadillac and Fargo
- C. Marti, Bedford and Fiat
- D. Bedford, Cadillac and Fargo
- E. None of these

Answer: B

Explanation:

- → Fiat
- → Bedford
- → Maruti
- → Ambassador
- → Fargo
- → Cadillac
- → Mercedes



Mercedes, Cadillac and Fargo cars are to the right of Ambassador.

27. Which one of the following statements is correct?

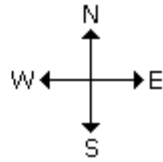
- A. Fargo car is in between Ambassador and Fiat.
- B. Cadillac is next left to Mercedes car.
- C. Fargo is next right of Cadillac.
- D. Marti is fourth right of Mercedes.
- E. None of these



Answer: B

Explanation:

- → Fiat
- → Bedford
- → Maruti
- → Ambassador
- → Fargo
- → Cadillac
- → Mercedes



Therefore, Cadillac is next left to Mercedes car.

28. Statements: O & A, A \$ R, R # S, S * Q

Conclusions:

- I. Q @ R
- II. S @ O
- III. R & O
- IV. R # O

- A. Only I is true
- B. Only III is true
- C. Only IV is true
- D. Either III or IV is true
- E. Either III or IV and I are true



Answer: E

29. Statements: A * E, E \$ F, F # O, O @ L

Conclusions:

- I. L # F
- II. E @ O
- III. A # O
- IV. E @ L

- A. None is true
- B. Only I is true



- C. Only II is true
- D. Only III is true
- E. Only IV is true

Answer: A

30. Statements: B @ Q, Q # A, A & L, L * N

Conclusions:

I. N \$ A

II. L @ Q

III. B @ N

IV. Q # N

- A. I, II and III are true
- B. I, II and IV are true
- C. I, III and IV are true
- D. I, III and IV are true
- E. All are true

Answer: B

31. Statements: E # M, M * N, N @ O, O \$ P

Conclusions:

I. P # M

II. P # N

III. M # O

IV. N @ E

- A. II and III are true
- B. II and IV are true
- C. III and IV are true
- D. I, and IV are true
- E. All are true

Answer: D

Directions (32 – 35): Answer the questions on the basis of the information given below.

Eight friends – A, B, C, D, E, F, G, and H were born on in March, June, September and December on either 3rd or 8th (all born on different dates). The ones who were born in a month having 30 days like





different fruits – Banana, Apple, Mango and Litchi not necessarily in the same order. The ones who were born in a month having 31 days like different colors – Red, Yellow, Blue and Green not necessarily in the same order.

E was born in June. 1 person was born between E and D. D does not like any color. B likes red color. Same number of people was born before A as after D. No person was born between the ones who like yellow color and mango. The one who likes yellow color was not born on 8th of any month. No person was born between E and one who likes litchi. One person was born between B and one who likes Banana. A does not like Banana. The ones who like apple and banana were born either on same date or in same month. One person was born between A and H. F does not like any fruit. No person was born between C and one who likes blue color. H does not like fruit. Same number of persons was born between the ones who like green color and apple and who like blue color and mango.

32. Who likes Green color?

- A. C
- B. F
- C. G
- D. H
- E. E

Answer: D

Explanation (31 – 34):

Arrangement:



Months/Dates	3rd	8th
March	H – Green	B – Red
June	A – Apple	E – Banana
September	G – Litchi	D – Mango
December	C – Yellow	F – Blue

33. How many people were born between B and one who likes Litchi?

- A. Four
- B. Two
- C. Three
- D. None
- E. One

Answer: B



34. Four of the following forms a group based on certain pattern. Who does not belong to this group?

- A. A
- B. G
- C. D
- D. C
- E. E

Answer: D

35. Who was born on 3rd September?

- A. The one who likes mango
- B. E
- C. C
- D. D
- E. The one who likes litchi

Answer: E

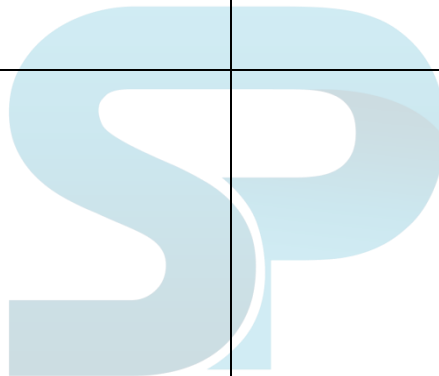




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