## RBI Assistant Mains Practice Marathon Reasoning

Directions (1-5): Study the information carefully and answer the questions given below.

Seven banks conduct entrance exam on seven different dates of the seven different months starting from March to September of the same year.
SBI conducts exam on the date which is completely divisible by 3 and 4, and in the month, which has odd number of days. HDFC conducts exam in the month which has even number of days and on the date, which is square of the even number. More than two banks are conducting exam after ICICI bank. OBC conduct exam 15days after BOB's exam and in the month, which have 31days. Three banks conduct their exam between PNB and OBC. ICICI does not conduct exam in March. Difference between the dates of HDFC and PNB is 9. PNB conducts exam before ICICI and on the date which is square of an odd number. The bank which conducts the exam on the $21^{\text {st }}$ of the month, takes it immediately after the OBC Bank. Difference between the dates of SBI and RBI is 9 . The bank which conducts exam in August conducts on $7^{\text {th }}$ of the month. ICICI bank conducts exam on $6^{\text {th }}$ of the month.

## Q1. Difference between the exam date of RBI and OBC?

(a) 8
(b) 19
(c) 14
(d) 7
(e) None of these

## Q2. SBI conducts exam in which of the following month?

(a) May
(b) March

(c) September
(d) August
(e) None of these

## Q3. How many banks conducts exam before BOB bank?

(a) One
(b) Two
(c) Four
(d) Three
(e) None

Q4. Which of the following bank conducts exam in September?
(a) SBI
(b) HDFC
(c) BOB
(d) OBC
(e) None of these


Q5. Which of the following combination is true about PNB?
(a) June-23
(b) May-9
(c) July-7
(d) April-25
(e) None is true

Direction (6-10): In each question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with 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:
(a) Only I follow
(b) Only II follow
(c) Either I or II follow
(d) Neither I nor II follow
(e) Both I and II follows

## Q6. Statements:

Some Print are fax
All fax are Photo
Some Copy are Photo
Conclusions:
I. Some fax are copy
II. No fax is copy

## Q7. Statements:

No crown is bell.
Some bell are pate.
All statue are crown

## Conclusions:

I. All pate are statue.
II. No pate are statue.

## Q8. Statements:

All Sbi are PO
All Clerk are RRB
No Sbi is clerk

## Conclusions:

I. No PO is RRB
II. Some PO are RRB

Q9. Statements:
All Bus are Car
Some Car are Jeep
All Jeep are Harrier
No Bus is jeep

## Conclusions:

I. Some Car are not harrier
II. Some harrier are bus

## Q10. Statements:

Some Print are fax
All fax are Photo
Some Copy are Photo

## Conclusions:

I. Some Print are Photo
II. Some Print are not Photo

Directions (11-14): Each of these questions is based on the following information:
(i) A @ B means $A$ is the mother of $B$.
(ii) $A * B$ means $A$ is the daughter of $B$.
(iii) A \$ B means $A$ is the brother of $B$.
(iv) $A$ \# $B$ means $A$ is the son of $B$.
(v) $A \% B$ means $A$ is the father of $B$
(vi) A \& B means $A$ is the husband of $B$

Q11. Who among the following is 'grandmother of $T^{\prime}$ in this relation- ' $T$ * $W \# Y \& U @ O \$ L \% M$ '?
(a) Y
(b) L
(c) M
(d) U
(e) Can't be determine

Q12. If the expression ' $\mathrm{H} @ R \& T$ * $\mathrm{Y} \# \mathrm{I} \$ 0 \% \mathrm{~L} \& \mathrm{X}^{\prime}$ ' true, then which of the following is true?
(a) 0 is father of $Y$
(b) R is son in law of H
(c) X is daughter in law of O
(d) L is uncle of I
(e) None is true

Q13. If the expression ' $\mathrm{R} @ T \# Y \$ \mathbf{U} \mathbf{N} @ M \$ C^{\prime}$ ' true, then which of the following is false?
(a) U is father of C
(b) Y is brother in law of N
(c) $R$ is sister in law of $U$
(d) T is brother in law of C
(e) All are true

Q14. Which of the following shows the relation that ' H is brother in law of V '?
(a) V*X@M\$J\#H\%C\&B
(b) B\&V*X\%C@M\$J\#H
(c) C@M\$J\#B\#V*X\%H
(d) X\%C@M\$J\#H\#B\&V
(e) None of these

Q15. A lady says to a man, "Your Son's only brother in law is only son in law of my brother only sister." How is the lady's daughter related to the man's daughter in law?
(a) Sister
(b) Mother
(c) Mother in law
(d) Granddaughter
(e) Sister in law

Directions (16-17): Study the information carefully and answer the questions given below.
Point $S$ is 12 m east of point $G$, which is 5 m north of point $X$. Point $X$ is 10 m west of point $B$. Point $B$ is 11 m south of point $Z$. Point $Z$ is 10 m northwest of point $K$, which is west of point $S$.

Q16. What is the shortest distance between Point $K$ and Point $S$ ?
(a) 8 m
(b) 6 m
(c) 9 m
(d) 7 m
(e) 10 m

Q17. In which direction point $K$ with respect to point $B$ ?
(a) North
(b) North-west
(c) North-east
(d) South- west
(e) South-east


Directions (18-20): Each of these questions is based on the following information:
(i) $\mathrm{A} \& \mathrm{~B}$ means A is 8 m west of B .
(ii) A \% B means A is 9 m South of $B$.
(iii) $A * B$ means $A$ is $5 m$ North of $B$.
(iv) A @ B means A is 2m East of B.

Q18. If the expression ' $J * T \% U @ B * D \& R$ ' is true, what is the Shortest distance between $D$ and $T$ ?
(a) $2 \sqrt{5} \mathrm{~m}$
(b) 3 m
(c) 4 m
(d) 7 m
(e) None of these

Q19. If the expression 'H\&Q\%P\&F*M@X' is true, what is the direction of $H$ with respect to $X$ ?
(a) West
(b) North-east
(c) South West
(d) South-East
(e) None of these

Q20. If the expression 'A\%Z*E@S\%Y@I*B' is true, what is the Shortest distance between B and A?
(a) 9 m
(b) 10 m
(c) 8 m
(d) 7 m
(e) None of these

Directions (21-25): Read the given information carefully and answer the given questions.
Eight persons are living in an eight-floored building, in which ground floor is numbered as 1 and top floor is numbered as 8 . All these persons are going in a carnival and participate in a game. In this game all persons are sitting around a circular table in such a way some are facing inside while some are facing outside the center.
D lives on an even numbered floor above third floor and sits third to the right of G. Three persons are live between D and E, who sits second to the left of D. The one who sits opposite to E lives immediate below H's floor and H sits third to the right of C . Neither E nor D immediate neighbour of C who is facing opposite direction as G . Three persons are lives between F and G who lives on an odd numbered floor above E's floor. B sits second to the left of C. E faces same direction as F but opposite to A. The one who lives immediate above F's floor sits second to the right of H. Only two persons are live between H and A who does not sit with D. B lives above C's floor. Immediate neighbours of G facing opposite directions to each other. H faces $G$ and sits second to the left of $A$.

Q21. Who among the following sits third to the right of the one who lives on $4^{\text {th }}$ floor?
(a) E
(b) A
(c) H
(d) G
(e) None of these

Q22. How many persons are siting between $D$ and the one who lives on top floor, when counted left of $D$ ?
(a) One
(b) Two
(c) Five
(d) Three
(e) None

Q23. Who among the following lives immediate below D ?
(a) The one who lives on $7^{\text {th }}$ Floor
(b) G
(c) F
(d) The one who sits immediate right of E
(e) None of these

Q24. How many persons are live below $\mathrm{F}^{\prime}$ s floor?
(a) Five
(b) Two
(c) Four
(d) Three
(e) More than five

Q25. Which of the following statement is true about $A$ ?
(a) A lives immediate above F
(b) Only two persons are live between A and B
(c) G sits second to the left of A
(d) The one who sits third to the right of C lives immediate below A .
(e) Both (a) and (d)

Directions (26-30): Study the following information carefully and answer the questions given below:

## 9\%YF6M@4PGJ4X\&3U\#7WK8H*Z5

STEP I- The letters which are immediately preceded by number and immediately followed by a symbol are arranged in the end of the series in the alphabetical order. (They are arranged just after 5)

STEP II- The numbers which are immediately preceded by the letter and immediately followed by the Symbol are arranged between $G$ and $J$ in the increasing order.

STEP III- The numbers which are immediately followed by letter are interchanged its position with respect to the element just after it.
(STEP II is applied after STEP I and STEP III is applied after STEP II)
Q26. What is the sum of elements which is eleventh from left end in step I and ninth from right end in step III?
(a) 7
(b) 4
(c) 11
(d) 8
(e) None of these

Q27. If all numbers are eliminated from the series then, which of the following element is $\mathbf{1 2}^{\text {th }}$ from right end of the series in step III?
(a) U
(b) \&
(c) J
(d) G
(e) None of these

Q28. How many alphabets are there between $P$ and 5 in Step III?
(a) Six
(b) Seven
(c) Eight
(d) Nine
(e) None of these

Q29. Which of the following element is $16^{\text {th }}$ from right end of the series in step II?
(a) J
(b) 4
(c) \&
(d) 6
(e) None of these

Q30. How many such symbols are there which is preceded by numbers and followed by vowels in step III?
(a) One
(b) Two
(c) Three
(d) Four
(e) None

Directions (31-35): In the following questions, the symbols @, \#, \%, \$ and © are used with the following meaning as illustrated below-
' $\mathrm{P} \# \mathrm{Q}$ ' means ' P is neither greater than nor equal to Q '
' P * Q ' means ' P is neither equal to nor smaller than Q '
' $\mathrm{P} \% \mathrm{Q}$ ' means ' P is neither smaller than nor greater than Q '
' $P \$ Q$ ' means ' $P$ is not smaller than $Q$ '
'P@Q' means ' P is not greater than Q '
Now in each of the following questions assuming the given statement 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.

Q31. Statements: A@T\#Y\$U\%O*P@L\$M
Conclusions:
I. $\mathrm{O}^{*} \mathrm{~A}$
II. A@0
III. Y\$P
(a) None is true
(b) Only I is true
(c) Only III is true
(d) Either I or II are true
(e) None of these

Q32. Statements: Q\%W\$Y\%U@Z*N\#M Conclusions:
I. $Z^{*} Y$
II. N\#W
III. Y\%Z

(a) Only I and III are true
(b) Only II and III are true
(c) Only I and II are true
(d) All are true
(e) None of these

Q33. Statements: R*EA@C\%T\$K@R\%0
Conclusions:
I. T*E
II. K@C
III. R\%A
(a) None is true
(b) Only II is true
(c) Only I and II are true
(d) Only II and III are true
(e) All are true

## Q34. Statements: V@B\%R*E\#I\%M\$X

Conclusions:
I. R*I
II. B*E
III. E\#M
(a) None is true
(b) Only II is true
(c) Only I and II are true
(d) Only II and III are true
(e) All are true

## Q35. Statements: X\#Y@U*Z\$H\%R*E\$T

## Conclusions:

I. T@U
II. U*T
III. Y* ${ }^{*}$
(a) None is true
(b) Only II and III are true
(c) Either I and II are true
(d) Only II is true
(e) All are true

Directions (36-40): Study the following information carefully to answer the given questions. In a certain code language: -
"Social media photo positive" is written as '\#H3 \$N1 \$K6 \#K5'
"Effect world great talent" is written as '\#V2 \$D4 \$T2 \#G2'
"Mental growth dream believe" is written as ‘\#T8 \$W4 \#N3 \$Y5’

Q36. "Cartoon" will be coded as?
(a) $\$ \mathrm{X} 5$
(b) \#X4
(c) \#Z3
(d) \$T5
(e) None of these

Q37. "Unique" will be coded as?
(a) \$F4
(b) \#D6
(c) \$L7
(d)\#F5
(e) None of these

Q38. What is the code for "Political Speech"?
(a) $\$ \mathrm{I} 4$ \$N8
(b) \$K3 \# H 8
(c) \#K3 \$H6
(d) \#L9 \$A3
(e) None of these

Q39. Which will be the code for 'Mountain'?
(a) \#N8
(b) \$C9
(c) \#N5

(d) \$F3
(e) None of these

Q40. What is the code of 'Freedom'?
(a) \$G5
(b) \$U4
(c) \#U4
(d) \#G8
(e) None of these

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