## adda 247 <br> publications

## BIDKS



Visit: publications.adda247.com \& store.adda247.com
For any information, mail us at publications@adda247.com

Direction (1-4): Study the following information to answer the given questions:

Twelve persons are sitting around two circular table as one is inscribed in another one. All of them are facing towards the center.
A, B, C, D, E, F six persons are sitting around the inner circular table.
$\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}$ six persons are sitting around the outer circular table.
Note- The persons of outer circular table are sitting exactly behind the persons sitting around the inner circular table.
$B$ is sitting second to the right of $E$. $R$ is an immediate neighbour of the one who is sitting behind $B$. Only one person sits between A and F (either from the left or from the right). A is not an immediate neighbour of B. P is sitting behind F. Only two persons sit between $R$ and $T$ (either from the left or from the right). $U$ is an immediate neighbour of $\mathrm{P} . \mathrm{D}$ is an immediate neighbour of A . T is not sitting behind $\mathrm{D} . \mathrm{Q}$ is not an immediate neighbour of $R$.

Q1. Who among the following person is sitting third to the left of $A$ ?
(a) F
(b) E
(c) D
(d) B
(e) None of these

Q2. How many persons are sitting between $S$ and $P$ in the outer circle?
(a) One
(b) More than three
(c) Three
(d) None
(e) Two

Q3. Four of the following are alike in a certain way so form a group which of the following does not belong to the group?
(a) A, P
(b) C, R
(c) E, T
(d) B, U
(e) D, S

Q4. Who among the following person is sitting immediate right of $S$ ?
(a) P
(b) T
(c) $U$
(d) R
(e) Q


Q5. Six persons A, B, C, D, E and F lives on 6 different floors of a same building. Bottommost floor is first, the floor above it is second and so on till topmost floor which is sixth. A lives on odd numbered floor. C lives immediately below $A$. Two floors gap between floors of $C$ and $F$. D lives immediately above $F$. $B$ lives above $E$, who lives below $F$. How many persons live below $E$ ?
(a) None
(b) One
(c) Two
(d) Three
(e) Four

Q6. Seven letters are arranged in a linear arrangement to form a meaningful word. $A$ is second to the left of $I$. $L$ is to the left of $N$. Not more than two letters are placed between $I$ and $G$. $G$ is placed to the right of $I$. $G$ is not neighbor of $E$ and $D$. $D$ and $E$ are placed next to each other. Which letter is placed in exactly middle of the meaningful word so formed. If more than one word is formed mark your option as $\mathbf{X}$ ?
(a) N
(b) L
(c) X
(d) E
(e) G

Directions (7-9): Study the following information carefully to answer the given questions:

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.
INPUT—2538 56288516752463252645
STEP I- 235825681568245723562456
STEP II- 156823562358245624572568
STEP III- 563535454556
STEP IV-11889911
Step IV is the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.
Input: 38469213827373415218328569254758

Q7. What will the addition of the numbers which is second, forth, sixth and eight from the left end in step IV?
(a) 32
(b) 23
(c) 38
(d) 40
(e) None of these

Q8. Which of the following would be the difference of the numbers which is 2nd from left end in step I and forth from right end in Step II?
(a) 1138
(b) 1287
(c) 1139
(d) 2125
(e) None of these

Q9. Which of the following element will be $3^{\text {rd }}$ to the left of $7^{\text {th }}$ from the left end in step III?
(a) 34
(b) 37
(c) 25
(d) 35
(e) None of these

Direction (10-10): In the following question a statement is given followed by two more statements numbered as I and II. You have to read both the statement and decide which of them strength which of them strengthens or weakens the statement.

Q10. The company A used to outsource its recruitment process for some years but this year the company has decided to conduct the recruitment process within the Organisation.
I. The employees who have been working in the Organisation are aware of that hard work is required to work in the company.
II. The company has decided to appoint three new persons in its senior level authority for the smooth recruitment process.
(a) Both I and II strengthens
(b) I strengthen while II weakens
(c) II strengthens while I is neutral
(d) Statement I and Statement II is neutral.
(e) Both I and II weakens.

Directions (11-14): Study the following information carefully and answer the questions given below:

Six boxes P, Q, R, S, T and U are placed in a stack one above other. Each contains different number of chocolates viz. 250, 190, 119, 175, 280 and 210.
Box $P$ is placed immediately above box $R$. Three boxes placed between $R$ and the box which contains 250 chocolates. Box which have 175 chocolates is just above the box which have 250 chocolates. One box placed between box T and the box which have 175 chocolates. U contains 210 chocolates. The box which contain 119 chocolates is placed below box U. Three boxes placed between box S and the box which have 119 chocolates. One box is placed between box Q and the box which have 190 chocolates.

Q11. Which box contains 210 chocolates?
(a) U
(b) Q
(c) R
(d) S
(e) $P$

Q12. Which box is placed at topmost position?
(a) U
(b) Q
(c) R
(d) S
(e) P

Q13. Box R and T together contains how many chocolates?
(a) 399
(b) 369
(c) 294
(d) 309
(e) 400

Q14. How many boxes are placed between box $Q$ and the box which have 119 chocolates?
(a) one
(b) two
(c) three
(d) four
(e) none

Directions (15-17): In each of the questions 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. Give answer

Q15. Statements: Some tube are bulb. All light are tube. All current are light.
Conclusions:
I. Some Current are bulb
II. Some light being bulb is a possibility.
III. Some tube are not current.
(a) Both I and III follows
(b) either I or II follows
(c) Only II follows
(d) None follows
(e) None of these


Q16. Statements: Some file are copy. Some copy are eraser. No Pen is file.

## Conclusions:

I. Some file are eraser
II. All pen can never be copy.
III. No file is eraser
(a) Only I follow
(b) Only II follows
(c) Only III follows
(d) Either I or III follows
(e) None of the above

Q17. Statements: Some file are copy. Some copy are eraser. No Pen is file.
Conclusions:
I. All copy can be pen.
II. Some copy can never be pen.
III. Some eraser being pen is a possibility.
(a) Only I follow
(b) Only II follows
(c) Only III follows
(d) Only II and III follows
(e) None of the above

Directions (18-21): Study the following information carefully and answer the questions given below.

Six persons J, K, L, M, N, $O$ are born in six different years 1946, 1958, 1963, 1971, 1994, 2006. All of them like different colours Red, Black, Orange, Pink, White, Yellow.
Note- All the calculations of the ages are to be done on the basis of year 2019.
The sum of the ages of M and the one who likes Black colour is 86 . The one who likes Pink colour was born in an even numbered year. $M$ does not like red colour. The one who likes Pink colour is older than the one who likes Black colour. M does not like Pink colour. K is older than the one who like Pink colour. N likes Orange and was born in an odd numbered year. The sum of the ages of J and the one who likes Yellow colour is 81.0 is younger than the one who likes orange colour. L does not like yellow colour.

## Q18. Who among the following likes Red colour?

(a) J
(b) 0
(c) M
(d) L
(e) None of these

Q19. How many persons born after 0 ?
(a) Two
(b) Four
(c) None
(d) One
(e) Three

Q20. Which of the following statement is not correct regarding $K$ ?
(a) K is younger than M
(b) K likes Yellow
(c) K is elder to J
(d) The one who likes White is younger than K
(e) All are correct

Q21. In which of the following year J was born?
(a) 1994
(b) 1958
(c) 1971
(d) 2006
(e) 1946

Q22. Six persons $L, M, N, 0, P$ and $Q$ sit in a linear row adjacent to each other facing north. Three persons sit between $Q$ and $P$. $N$ sits immediate left of $Q$. Two persons sit between $N$ and $M$. How many persons sit to the left of $M$ ?
(a) one
(b) two
(c) three
(d) four
(e) None

Q23. Which of the following symbols should replace the sign (@) and (\%) respectively in the given expression in order to make the expression $L \geq U$ and $R>J$ definitely true?
$\mathrm{L} \geq \mathrm{K} \geq \mathrm{P}=\mathrm{N}=\mathrm{J} @ \mathrm{U} \leq \mathrm{A} \% \mathrm{R}$
(a) $\leq,=$
(b) $\leq, \leq$
(c) $>, \leq$
(d) $=,<$
(e) $\geq,<$

Q24. Which of the following will be definitely true if the given expression $T \geq U \geq M=N<J=P<Q \leq R$ is definitely true?
(a) $\mathrm{T}<\mathrm{J}$
(b) $U>M$
(c) $\mathrm{R}>\mathrm{N}$
(d) $R \geq M$
(e) $T<P$

Directions (25-29): Study the following information carefully and answer the questions given below.

Twelve persons are born on three different dates 5, 12, 21 of four different months viz. March, May, September and November. Only one person is born on one date of a month. J was born on 5 of a month having 30 days. Only three persons were born between J and H . H does not born on an even date of a month. As many as persons born after H as born before A. Five persons born between A and D. Only two persons born between F and E. C born on an even date but immediately after K. Six person born between C and B. E born immediately before B. M born on an even date after L but before G.

Q25. How many persons born between $C$ and $F$ ?
(a) Two
(b) More than three
(c) Three
(d) One
(e) None

Q26. Who among the following is born immediate before $\mathbf{G}$ ?
(a) K
(b) L
(c) J
(d) M
(e) D

Q27. H born on which of the following day?
(a) 21 May
(b) 12 March
(c) 5 September

(d) 21 March
(e) 5 May

Q28. Which of the following statements is true?
(a) J and G both were born in same month
(b) F was born on odd date
(c) G was born on $5^{\text {th }}$
(d) B was born on 21st
(e) All are true.


Q30. If all the letters of each given words are arranged in alphabetical order within the words, then in how many words third and fifth letter remains on the same position as earlier?
I. MBEKTYD
II. GPNAQUS
III. XCJRHO
(a) Only I
(b) Only I and II
(c) All I, II and III
(d) Only II
(e) None

Directions (31-32): Study the following information carefully and answer the questions given below.

The principal of St. Mary school organized extra classes for week students of X class and the concerned teachers are getting paid extra amount for the classes. But the average salary of teachers more or less remains the same.

Q31. Which of the following can be assumed from the given statement?
(I) The students of class $X$ of school $Y$ will score more marks than students of St. Mary school.
(II) Students of class $X$ are not serious about exams.
(III) Extra classes arranged by the principal for students of class X will help the students to score well in exams.
(a) Both I and II
(b) Both II and III
(c) Only II
(d) Only III
(e) None of these

Q32. What can be the reason behind the average of the salary remain same of teachers?
I. Student of class $X$ attend the extra class two or three days in a week although the teachers provide the class regularly.
II. Teachers started taking more holidays after the commencement of the extra classes.
III. Teachers are already working overtime for checking and preparing homework for students on daily basis.
(a) Both I and II
(b) Both II and III
(c) Only II
(d) Only III
(e) None of these

Direction (33): The tuda company is the third largest producer of steel with 1.5 lakh employees. The company is going to start a new unit by hiring $35 \%$ of its current employees. After its commencement the company will become the largest steel producer with 32.5 billion turnover.

## Q33. Which of the following can be inferred from the given statement?

I. The app. turnover of new unit of tuda company will be 1.5 million.
II. The company is required to hire 52000 employees.
III. With 52500 new employees of the new unit, the company will be able to reach the 32.5 million turnover.
IV. The turnover of the tuda company is now below 32.5 million.
(a) Both I and II
(b) Both II and III
(c) Only IV
(d) Only III
(e) Both III and IV

Directions (34-37): Study the following information carefully and answer the questions given below.

Ten persons are standing in a row facing north. All of them earn different amount viz. 3000, 4500, 5000, $7000,8500,10000$. Three persons are standing between B and R. H is standing immediately ahead of B. L is standing adjacent to R. L is standing at extreme end. Six persons are standing between A and Y. Y is standing behind $A$. Only one person is standing between $A$ and $D . Q$ is standing ahead of $G$ but behind $Z$.
The following information is given for the amount earn by them-
S@P means S earn more than P.
S\#P means $S$ earn less than $P$.
S\$P means $S$ earn equal to $P$.


The amount earn by all of them is given below-
A@Z\$H@R\$Q\$G, Y\$D\#G, A\#L\#B
Q34. What will be the sum of the amount earn by $Q, Z$ and $L$ ?
(a) 19000
(b) 18000
(c) 17000
(d) 20000
(e) 12000

## Q35. How many persons are standing ahead of $B$ ?

(a) Two
(b) More than three
(c) Three
(d) One
(e) None

Q36. How many persons are standing between $Q$ and $R$ ?
(a) Two
(b) More than three
(c) Three
(d) One
(e) None

Q37. How many persons earn less than $G$ ?
(a) Two
(b) More than three
(c) Three
(d) One
(e) None

Directions (38-40): Study the following information carefully and answer the questions given below.
A\%B (7)- $A$ is 12 m in north of $B$
$A \$ B$ (12)- $A$ is 17 m in south of $B$
$A \# B$ (32)- $A$ is 37 m in east of $B$
$A \& B(14)-A$ is 19 m in west of $B$
M\%K (33), J\#K (9), G\%J (19), H\&G (23), N\$H (25)
Q38. $K$ is in which direction with respect to $G$ ?
(a) North
(b) West
(c) North-west
(d) East
(e) South-west

Q39. If $Z$ is the midpoint of the line formed between $H$ and $G$, then what is the distance between $H$ and Z ?
(a) 12 m
(b) 14 m
(c) 16 m
(d) 17 m

(e) 30 m

Q40. If $X$ is in west of $J$ and lies on the line formed by $H$ and $N$, then what is the distance between $X$ and $N$ ?
(a) 10 m
(b) 24 m
(c) 6 m
(d) 16 m
(e) 14 m


Directions (41-45): In each of the following below is given a group of letters followed by four combinations of digits/symbols numbered (a), (b), (c) and (d). You have to find out which of the combinations correctly represents the group of letters based on the following coding system and mark the number of that combination as the answer. If none of the four combinations correctly represents the group of letters, mark (e), i.e. 'None of these', as the answer-
Note: More than one condition may apply.

| Letter | R | G | F | A | P | Q | U | M | E | I | B | J | S | 0 | L |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Digit/Symbol | $\#$ | 2 | 7 | $\mu$ | $\%$ | 3 | $\&$ | 9 | 1 | $@$ | 5 | C | 6 | 8 | $\$$ |

## Conditions:

(i) If first letter is vowel and last letter is consonant then both are coded with the code of the consonant.
(ii) If both the 2nd and the last letter is vowel, then their codes are to be interchanged.
(iii) If the second letter is a consonant and the $2^{\text {nd }}$ last letter is a vowel, both are to be coded as the code for the vowel.
(iv) If both 1st and fifth letter is consonant then both are coded as the code of third letter.
(v) If only one condition is applied among the above given, then the code of first letter is interchanged with code of second letter and third letter code interchanged with $4^{\text {th }}$ letter and so on after that applied condition.

Q41. AMGFIS
(a) 6@27@4
(b) 6@27@6
(c) 6@27\#6
(d) 6@2@76
(e) None of these

## Q42. PUGRLE

(a) $2122 \# \&$
(b) $221 \# 2 \&$
(c) $212 \# \& 2$
(d) $212 \# 2 \&$
(e) None of these

Q43. UAIMUI
(a) @\&9@ $\mu \&$
(b) @\&@9
(c) @9\&@ $\quad$ \&
(d) @\&99 $\&$
(e) None of these

Q44. MJGLBF
(a) © $2 \$ 227$
(b) © $\$ 2272$
(c) © $\$ 2227$
(d) © $2 \$ 2 \$ 2$
(e) None of these

## Q45. GFPQMB

(a) $\% 7 \% 3 \% 5$
(b) $27 \% 395$
(c) $7 \% 3 \% 5 \%$
(d) $\% 7 \% 395$
(e) None of these

Q46. Statement:- The Union health ministry has made Aadhaar a compulsory document for tuberculosis patients to be able to avail treatment under the government's Revised National Tuberculosis Control Programme (RNTCP).
(I) A person cannot take treatment of TB without Aadhar card.
(II) Patients suffering from TB will be unable to get benefits under a central government scheme till they produce their Aadhaar card.
(III) An individual eligible to receive the benefit under the scheme, is hereby, required to furnish proof of possession of Aadhaar number or undergo Aadhaar authentication.
(IV) The World Health Organisation (WHO) recently said that tuberculosis epidemic in India was "larger" than what had been previously estimated.
Which of the following could be the inference of the given statement?
(a) Only II
(b) Only I and III
(c) Only II and III
(d) Only I
(e) None of these

Q47. Statement- The Captain Amarinder Singh-led government in Punjab has announced free education for girls in government schools and colleges from Nursery to PhD.
(I) Good social welfare law. It is initially for girls as they are comparatively disadvantaged. Hopefully it will soon be followed by free education for everyone.
(II) It is gender biased as if a poor or average person wants to educate his son for higher education he has to pay higher bills .If you are introducing a law / scheme / bills under no circumstance it should not favour any particular gender, if they are really concerned about education.
(III) Do not differentiate a poor or average person on gender. A poor boy or man should also get free education as well.
Which of the following argument holds strong for the given statement?
(a) Only II
(b) Only III
(c) Only II and III
(d) Only I and II
(e) All of the above

Directions (48-50): Study the given information carefully to answer the following questions:

Six persons i.e. A, B, C, E, F and G who all are sitting around a circular table facing outside. They all are of different age. F is third youngest person. Only two persons sits between E and F. G sits second to the left of $C$, who is 20 years of age. The one who is second oldest person is of 24 years of age. $G$ is elder than $A$ and $C$ but not the eldest. $C$ sits on the immediate right of E. B is elder than A and G. A and G are not immediate neighbours. The one who is the youngest is less than 20 years of age. A is not younger than F.

## INSURANGE PRIME 2019

Useful For LIC AAO | NIACL AO | UIIC AO OICL AO | GIC \& Others Exams

100+ TOTAL TESTS
Price @499/-
Validity 12 Months

Q48. What will be the possible age of $A$ ?
(a) 25 years
(b) 20 years
(c) 27 years
(d) 19 years
(e) 22 years

Q49. What is the position of $G$ with respect to $A$ ?
(a) Third to the left
(b) Second to the right
(c) second to the left
(d) Both (a) and (e)
(e) Third to the right

Q50. Who among the following is the youngest among all?
(a) A
(b) E
(c) C
(d) F
(e) None of these

