హైదరాబాద్ l మంగళవారం l ఆగస్టు l 6 l 2019

How many persons are sitting in between...



ನಾತ್ರ

Subject Expert IACE

<u>ඩර</u>ු

Y. Arunveera Kumar

MODEL QUESTIONS

Directions(Q.No.1-5): Study the following information carefully and answer the questions given below:

Sixteen chairs are arranged in two concentric circular tables facing the centre.A, B, K, N, V and W are sitting at the inner table, i.e. two chairs are vacant. E, L, O, P, R, S, T and Y are sitting at the outer table.The persons of the outer table are sitting exactly behind the ones sitting at the inner table.

B is sitting on the second chair to the left of W. S is sitting behind A. N is sitting on the chair to the immediate left of V. P is sitting second to the right of E. Y is sitting third to the left of R. T is sitting opposite to K but not immediately behind him. L is sitting to the immediate right of O. P is not a neighbour of Y. B is not sitting on the chair next to V. N is not sitting opposite to A or in front of T. The chair immediately in front of E is a) None b) One c) Two d) Three e) More than three

- **3.** Who is sitting second to the right of the person sitting immediately in front of P?
 - a) Ab) Wc) Nd) Ve) Nobody
- 4. How many persons are sitting in between W and V, to the left of V?
 a) None
 b) One
 c) Two
 d) Three
 e) More than three
- **5.** Who among the following sits opposite to the P in the outer circle?
 - a) O b) Y c) T

d) E e) None of these*Directions* (Q.No.6-8): Each of

the questions (Q.110.000). Each of the questions given below consists of a question and two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question.

- a) If the data in statement I alone is sufficient to answer the question.
- b) If the data in statement II alone is sufficient to answer the question.
- c) If the data either in statement I alone or statement II alone are sufficient to answer the



- 7. How many children are sitting between A and B?
 - I) A is 5th to the right of O and 6th to the left of P. B is 6th to the right of O.
 - II) In a row of 25 students, A is5th from left end and B is20th from the right end.
- 8. How is F related to M?I) R is daughter of M and also mother of F.
 - II) Q is brother of R and T is the wife of F.

Directions (Q.No.9-10):In each question below is given a statement followed by two courses of actions numbered I and II. A course of action is taken for improvement follow up at etc. Read the statement carefully and pick the correct

I) The faculty should be immediately retrenched. II) The university should be closed down temporarily. 10. Statement: If faculty members also join the strike, there is going to be a serious problem. *Courses of Action:* I) The faculty members should be persuaded not to go on strike. II) Those faculty members who joined the strike should be suspended. Directions (Q.No.11-15): Study the following information carefully and answer the questions given below: Ten students names Mohan, Pavani, Kalyan, John, Dinesh, Praveen, Bharathi, Vardhan and Kishan from a banking coaching institute but not necessarily in the same order have an exam on five different days starting from Monday to Friday of the same week. Students have an exam in two different time slots of 9:30 AM and 1:30 PM. Vardhan had an exam on Tuesday at 09:30AM. The number of people who have exam between Praveen and John is same as the number of people

who have exam between Kalyan and

days after Bharathi. 11. Which group of people has exam slot at 9:30 AM? a) Praveen, Vardhan, Suresh, Dinesh, Bharathi b) Praveen, Vardhan, Mohan, Dinesh, Bharathi c) Praveen, Vardhan, Suresh, Dinesh, Kishan d) Either (a) or (b) e) None of these 12. How many people have exam between Mohan and Vardhan? b) 2 c) 3 a) 1 d) Can't be determined e) None of these 13. What is the time and day for the exam of Mohan? a) Thursday - 9:30 AM b) Thursday - 1: 30 PM c) Friday - 9: 30 AM d) Friday - 1: 30 PM e) None of these 14. Which of the following statements is definitely false? a) Vardhan's exam on Tuesday b) John's exam on Tuesday c) Bharathi's exam on Friday d) Dinesh's exam on Monday e) All are true **15.** Whose exam is on Friday?

a) Bharathi and Kishan

| vacant. N is not the neighbour of K. 1. Which of the following chairs is vacant? a) The one immediately in front of O. b) The one immediately in front of T c) The one immediately in front of R d) The one immediately in front of R | ion.answera data given in both I andaa data given in both I andagether are not sufficient toaer the question.bdata in both the stateme-aand II together are nec-ay to answer the question.aA, B, O, P and Q, who isaom the top when arrangedacending order of theira | <i>wer choice.</i> a) If only course of action I follows b) If only course of action II follows c) If either course of action I or II follows d) If neither course of action I nor II follows e) If both courses of action I and U follows | Bharathi. Pavani's exam is immedi- ately before Vardhan. Vardhan does not have an exam on the same day or any of the days before Praveen. There is one student who has an exam at 09:30 AM immediately before Kishan. Bharathi does not have any exam at 01:30 PM. John does not have an exam on any of the days after Suresh. Only three people have exam | b) Mohan and Dinesh c) Bharathi and Mohan d) Either b or c e) None of these Directions(Q.No.16-20): Study the following information carefully and answer the questions given below: There are six 3 - digit number given below. 316 874 602 248 296 536 |
|---|---|---|---|--|
| of P e) The one immediately in front of Y I) O is is les I) O is is les I) O is is les I) O is II O is I) O is II O is<td>? heavier than A and Q and 9. ss heavier than B who is he heaviest heavier than only A</td><td>Il follow Statement: Majority of students have failed in the final exami- nation in KV University. Courses of Action:</td><td>between Praveen and Suresh. Neither Praveen nor Suresh have an exam on Friday. Only 2 people have exam between Dinesh and Kishan. Dinesh does not have an exam on any of the</td><td> 16. If all the digits are reversed in all the numbers, then the sum of squares of all the digits of fourth least number is? a) 129 b) 46 c) 70 d) 38 e) 84 </td> | ? heavier than A and Q and 9. ss heavier than B who is he heaviest heavier than only A | Il follow Statement: Majority of students have failed in the final exami- nation in KV University. Courses of Action: | between Praveen and Suresh. Neither Praveen nor Suresh have an exam on Friday. Only 2 people have exam between Dinesh and Kishan. Dinesh does not have an exam on any of the | 16. If all the digits are reversed in all the numbers, then the sum of squares of all the digits of fourth least number is? a) 129 b) 46 c) 70 d) 38 e) 84 |
| (1-5): V = V = V = V = V $V = V = V$ $K = V = V$ $K = V$ | 8) e; $_{M(+/-)}$ $R(-) \leftrightarrow Q(+)$ $F(+) \leftrightarrow T(-)$ 9) d; 10) a; (11-15) Day Time S Monday 9:30 AM H 1:30 PM H Tuesday 9:30 AM N | 17) a; If all the order 248, 296, Sum of 1 of next n numbers. 2 + 2 + 1 Student Praveen Pavani Vardhan 18) e; If all the 158, 437, 124 is the | numbers are arranged in ascending 316, 536, 602, 874 st digit of first 2 numbers, 2^{nd} digit umbers and third digit of last two +3+2+4=14 numbers are halved, we get 301, 124, 148, 268 e lowest number. | 17. What is the sum of first digit of first two numbers, second digit of next two numbers and third digit of last two numbers, if all the numbers are arranged in ascending order? a) 14 b) 16 c) 18 d) 20 e) 21 18. If all the numbers are halved, then the lowest number is? a) 158 b) 148 c) 142 d) 136 e) 124 |
| 1) c; 2) e; 3) b; 4) c; 5) b; 6) a; I. $P > B > O > A/Q > A/Q$ II Q > A 7) c; Statement I $0 \le TH AB = P$ Statement II | 1:30 PM 1 Wednesday 9:30 AM 5 1:30 PM 1 Thursday 9:30 AM 1 1:30 PM 1 1 Friday 9:30 AM 1 1:30 PM 1 1 | John 19) c; SureshIf 1^{st} andKalyaninterchanDinesh $874, 316,$ MohanThe sumBharathisecond diKishan $6 + 6 = 2$ | 2^{nd} , 3^{rd} and 4^{th} and 5^{th} and 6^{th} are ged we get 248, 602, 536, 296 of first digit of first two numbers, igit of next two numbers and third ast two numbers is $8 + 3 + 4 + 0 + 7$ | 19. If first and second, third and fourth and fifth and sixth numbers interchange their positions, what is the sum of first digit of first two numbers, second digit of next two numbers and third digit of last two numbers? a) 42 b) 36 c) 27 |
| $J = \frac{1}{6^{TH}}$ 11) a ; 12) e ; 13) b ; 14) d ; 15) a ;From either statement I or II, we can conclude that there are no one between A and B.11) a ; 12) e ; 13) b ; 14) d ; 15) a ; $I6)$ c ;If all the digits are reversed we get 613, 478, 206, 842, 692, 635. 4 th least number is $635 \Rightarrow 6^2 + 3^2 + 5^2 = 70$ | | | ligit of all the numbers is decreased get, 502, 148, 196, 436 of highest and lowest number is 8 = 922 | d) 26 e) 47 20. If first digit of all the numbers is decreased by one, then the sum of highest and lowest number is? a) 822 b) 1032 c) 821 d) 922 e) 932 |

