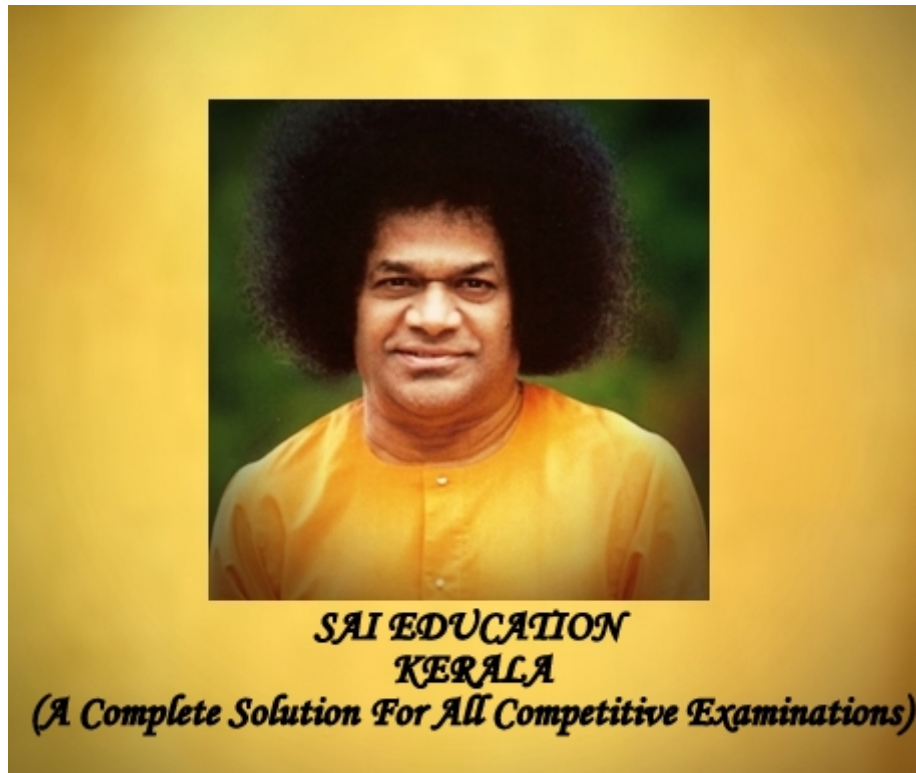


100 DAYS ONLINE COACHING. DATA SUFFICIENCY AND  
STATEMENT ASSUMPTION. DAY - 86. 2-7-2019. ( TUESDAY)



NAME OF THE CANDIDATE \*

M1

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DISTRICT \*

THRISSUR ▼

CONTACT NUMBER \*

XXXX

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## QUESTIONS

PLEASE WATCH THE GIVEN ONLINE CLASSES AND ANSWER THE FOLLOWING QUESTIONS

1. If  $a$ ,  $b$ , and  $c$  are positive integers, what is the value of  $a^9 + b^8 + c^6$ ?  $a^3 = 8$ ,  $b = 18$ , and  $c = 28989$   $a = 2$ ,  $b^8 = 11,019,960,576$  \* 1 point

- Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient.

2. If  $x$  is an integer, is  $x^3 > 0$ ?  $x^5 + x^3 + x + 15 = 298$   $x^5 + 10 > 15$  \* 1 point

- Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient.

3. What is the value of  $x + 15$ ?  $x^3 = 27$   $x^5 = 243$  \*

1 point

- Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient

4. What is the value of  $x + 1$ ? 1.  $x^2 = 16$  2.  $x^3 = 64$  \*

1 point

- Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient.

5. If  $x$  is an integer, what is the value of  $x^2 + x - 12$ ? 1.  $x = 3$  2.  $x = 3, x = -4$  \*

1 point

- Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient

6. If  $x$  and  $y$  are integers, is  $x > 0$  and  $y < 0$ ? 1.  $4x + y = 8$  2.  $x - 2 = -y/4$  1 point

\*

- Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient.
- Statement (1) and (2) TOGETHER are NOT sufficient to answer the question asked, and additional data are needed.

7. among A, U, J, P and C who reached first last? I: U and Q reached office together. II: Only A and R reached office ahead of Q. \*

- Only I sufficient, while II is not sufficient.
- Only II sufficient, while I is not sufficient.
- Alone I and alone II are sufficient.
- Both I and II not Sufficient.
- Both I and II together are sufficient.

8. What is the total monthly salary of Audrey? I: Audrey's basic salary is Rs. 100 more than Cooper's salary who also serves in Audrey's company. II: Other allowances drawn by Cooper besides his basic salary are Rs. 2000 per month which is Rs. 50 less than Audrey's salary. III: Cooper's basic salary is Rs. 1550 per month. \*

1 point

- Only II
- Only II and III
- Only I and II
- Only I and III
- All I, II and III

9. Anger is energy, in a more proactive way and how to channellise it is in itself a skill. Assumptions: I. Anger need to be channelized. II. Only skilful people can channellise anger to energy. \*

1 point

- If only assumption I is implicit.
- If only assumption II is implicit.
- if either I or II is implicit.
- if neither I or II is implicit.
- if both I and II are implicit.

10.: Medicine 'x' is a drug which is causing ripples in the medical field. I. No other drug is causing ripples in the medical field.

1 point

II. Medicine 'x' is a great drug. \*

- If only assumption I is implicit.
- If only assumption II is implicit.
- if either I or II is implicit.
- if neither I or II is implicit.
- if both I and II are implicit

11. How many sons does X have? I. Q and U are brothers of T. II. R is sister of P and U. III. R and T are daughters of X. \*

1 point

- I and II only.
- II and III together.
- I, II and III together.
- I, II and III together are not sufficient

12. Five persons- A, B, C, D and E are sitting in a row. Who is sitting in the middle? I. B is between E and C II. B is to the right of E III. D is between A and E. \*

1 point

- I and II together.
- II and III together.
- I and III together.
- I, II and III together.
- None of these

13. In which year was Sanjay born? I. Sanjay is six years older than Gopal. II. Gopal's brother was born in 1982. III. Sanjay's brother is two years younger than Gopal's brother who was eight years younger \*

1 point

- I and II together.
- II and III together.
- I and III together.
- I, II and III together.
- None of these

14. What day is the fourteenth of a given month? I. The last day of the month is a Wednesday. II. The third Saturday of the month was seventeenth. \*

1 point

- if the data in statement I alone are sufficient to answer the question;
- if the data in statement II alone are sufficient to answer the question;
- if the data either in I or II alone are sufficient to answer the question;
- if the data even in both the statements together are not sufficient to answer the question;
- if the data in both the statements together are needed;

15. Kumar Sanjeev Ranjan dissatisfied with present salary and perks, joins another company. I. The new company gives to all their employees good salary. II. Present company runs in loss. \*

1 point

- If only assumption I is implicit.
- If only assumption II is implicit.
- if either I or II is implicit.
- if neither I or II is implicit.
- if both I and II are implicit.

16. "Use Kajaria Ceramics tiles to decorate your house", - An advertisement. I. People want to decorate their house. II. Only ceramic tiles can make a house decorative. \*

1 point

- If only assumption I is implicit.
- If only assumption II is implicit.
- if either I or II is implicit.
- if neither I or II is implicit.
- if both I and II are implicit.



17. "Just step in! We are concerned about all your needs with wide range of articles"- An I. Such advertisements are neglected by the people. II. People wish to have selective marketing. \*

1 point

- If only assumption I is implicit.
- If only assumption II is implicit.
- if either I or II is implicit.
- if neither I or II is implicit.
- if both I and II are implicit.

18. What is Reena's rank in the class? I. There are 26 students in the class.II. There are 9 students who have scored less than reena. \*

1 point

- if the data in statement I alone are sufficient to answer the question;
- if the data in statement II alone are sufficient to answer the question;
- if the data either in I or II alone are sufficient to answer the question;
- if the data even in both the statements together are not sufficient to answer the question;
- if the data in both the statements together are needed;

19. How is D related to A? I. B is the brother of A. II. B is D's son. \*

1 point

- if the data in statement I alone are sufficient to answer the question;
- if the data in statement II alone are sufficient to answer the question;
- if the data either in I or II alone are sufficient to answer the question;
- if the data even in both the statements together are not sufficient to answer the question;
- if the data in both the statements together are needed;

20. Who is C's partner in a game of cards involving four players A, B, C and D? I. D is sitting opposite to A. II. B is sitting right of A and left of D. \*

1 point

- if the data in statement I alone are sufficient to answer the question;
- if the data in statement II alone are sufficient to answer the question;
- if the data either in I or II alone are sufficient to answer the question;
- if the data even in both the statements together are not sufficient to answer the question;
- if the data in both the statements together are needed;

21. Every pupil in a school was given one ticket for a concert. The school was charged a total of \$6000 for these tickets, all of which were of equal value. What was the price of one ticket? (I). If the price of each ticket had been one dollar less, the total cost would have been 1,200 less. (II). If the price of each ticket had been \$2 more, the total bill would have increased by 40% \*

1 point

- if the data in statement I alone are sufficient to answer the question;
- if the data in statement II alone are sufficient to answer the question;
- if the data either in I or II alone are sufficient to answer the question;
- each statement alone is sufficient

22. What will be the total weight of 10 poles, each of the same weight One-fourth of the weight of each pole is 5 kg. The total weight of three poles is 20 kilograms more than the total weight of two poles. \*

1 point

- I alone is sufficient while II alone is not sufficient
- II alone is sufficient while I alone is not sufficient
- Either I or II is sufficient
- Neither I nor II is sufficient
- Both I and II are sufficient

23. How many children does M have ? H is the only daughter of X who is wife of M. K and J are brothers of M. \*

1 point

- I alone is sufficient while II alone is not sufficient
- II alone is sufficient while I alone is not sufficient
- Either I or II is sufficient
- Neither I nor II is sufficient
- Both I and II are sufficient

24. What is the code for 'sky' in the code language ? In the code language, 'sky is clear' is written as 'de ra fa'. In the same code language, 'make it clear' is written as 'de ga jo'. \*

1 point

- I alone is sufficient while II alone is not sufficient
- II alone is sufficient while I alone is not sufficient
- Either I or II is sufficient
- Neither I nor II is sufficient
- Both I and II are sufficient

25. How is T related to K? R's sister J has married T's brother L, who is the only son of his parents. K is the only daughter of L and J. \*

1 point

- I alone is sufficient while II alone is not sufficient
- II alone is sufficient while I alone is not sufficient
- Either I or II is sufficient
- Neither I nor II is sufficient
- Both I and II are sufficient

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