

1. A solid metallic cylinder of base radius 5 cm and height 7 cm is melted to form cones, each of height 1 cm and base radius 1 mm. Find the number of cones?

- A. 49500
- B. 51500
- C. 52500
- D. 53500

2. Statements:

I. The rise in foreign investments is increasing the value of rupee.

[DELL Sample Paper]

II. Foreign banks are establishing branches and ameliorating investment plans in South Asia, especially in India.

- A. Both the statement I and II are independent causes.
- B. Both the statement I and II are effects of independent causes.
- C. The statement I is the cause and statement II is its effect.
- D. Statement II is the cause and statement I is its effect.

3. A sentence is written in four different ways conveying some meaning and following or may not following the correct grammar structure. Choose the sentence among the four options which is grammatically correct.

Q. Choose the correct sentence

- A. No success may cause havoc in one's life.
- B. Financial success without emotional balance can cause havoc in a person's life.
- C. Emotional balance requires havoc to be caused.
- D. Without balancing emotions it is required to cause havoc in life.

4. Write a program which gives the following serial as Output Also What is the name of that series ?

1 1 2 3 5 8 13 21 34 55 89 144 233 [Give exact output like this]

5. A sorted array of n elements contains 0 and 1. to find out majority of 0 and 1 how much time it will take?

- 1) $O(1)$
- 2) $O(\log n)$
- 3) $O(n)$
- 4) $O(n^2)$

6. ay , bz , cw , dx ,__

- (a) gu
- (b) ev
- (c) fv
- (d) eu

7. Review required: Doing DSA Write **Yes/No**.

*****If any one facing any difficulty feel free to contact *****