

## SU-CET 2016 Model Question Paper

### SECTION A – ENGLISH LANGUAGE

In each of the following questions choose the option that best completes the sentence.

1. The prospects of any \_\_\_\_\_ progress on disinvestments in the immediate future is \_\_\_\_\_.  
1] further, standard 2] substantial, bleak 3] future, illogical 4] legal, irrational
2. Such \_\_\_\_\_ in a cash-strapped state normally leads to charges of \_\_\_\_\_ but there are enough defenders of the Mulayam faith.  
1] audacity, corruption 2] greed, uprightness 3] largesse, profligacy 4] avarice, loyalty

### SECTION B - MATHEMATICAL SKILLS

3. When 2 boxes of candles and 3 boxes of lamps are used, they make a perfect  $2 \times 9$  arrangement and if 7 boxes of candles and 4 boxes of lamps are used, then they make a  $9 \times 4$  arrangement with one item left aside. What is the number of lamps in one box?  
1] 5 2] 3 3] 4 4] 2
4. A bookseller gives two successive discounts of 20% and 15%. If he gets Rs.272 for a book, \_\_\_\_\_ then \_\_\_\_\_ find \_\_\_\_\_ its \_\_\_\_\_ marked \_\_\_\_\_ price?  
1] Rs.365 2] Rs.380 3] Rs.400 4] Rs.420

### SECTION C – BASIC APTITUDE and LOGICAL REASONING

5. Vivek's present age is seven less than Ram's age 3 years ago. Nitin's present age is equal to Vivek's age 5 years hence. Sum of their ages 3 years ago was 51. What will be Nitin's age 10 years hence?  
1] 10 more than Vivek's present age.  
2] 10 more than Ram's present age.  
3] 2.5 times Vivek's age 3 years ago.  
4] 2 more than Ram's age 5 years hence.
6. Rati's dog Alex runs out of its kennel in the West direction. She chases it. She runs 40 m behind it and then walks 9 m in the South direction. She then walks 100 m to her left and finally after walking 20 m in the North direction, she finds it by the bush. How far is Alex from its kennel?  
1] 60 m 2] 49 m 3] 61 m 4] 71 m
7. Choose the pair that is NOT RELATED to each other in the same way as the capitalized pair.  
RED : FURY 106. GRAPE : WINE  
1] black : evil 1] flour : cake  
2] blue : sky 2] fossil : oil

3] green : envy 3] index : book

4] white : purity 4] sand : glass

8. If even numbered letters of the word SURROGATE are selected, how many meaningful three letter words can be formed?

1] none 2] one 3] two 4] four

#### **SECTION D- COMPUTER FUNDAMENTALS**

9. Stacks are referred to as \_\_\_\_\_

1] LIFO

2] FIFO

3] LILO

4] both (1) and (2)

10. The first microprocessor introduced by Intel Corporation in 1971 was called as \_\_\_\_\_.

1] INTEL 4004

2] INTEL 4043] INTEL 4040

4] INTEL 8080