

## Preparation for Vijaybhoomi Scholastic Aptitude Test (VUSAT)

### About VUSAT

Vijaybhoomi University conducts its own scholastic aptitude test to assess students across

- a. English comprehension,
- b. quantitative and logic and
- c. reasoning abilities

VUSAT has two versions VUSAT UG for undergraduate admissions and VUSAT advanced for postgraduate admissions.

Students should prepare for the VUSAT using preparatory material for College Board SAT.

### Sample questions

#### English Comprehension

1. Spot the error in the sentence below:

- Sneha said that
- they will escort herself
- to the dining hall.
- No error

2. Choose the opposite of 'synonym' from the options below:

- Same
- Similar
- Different
- Antonym

3. The CEO felt that Vishal hit the nail on the head during the discussion on decreasing profits. What does this mean?

- Vishal was hammering a nail into the wall
- Vishal explained that the company's profits were declining
- Vishal put a nail on his forehead
- Vishal correctly identified the reason leading to declining profits

4. Choose the correct spelling from the options below:

- Unecessary
- Unnecesary
- Unecesary
- Unnecessary

5. Read the paragraph below.

The Vice President, Shri M. Venkaiah Naidu today expressed his concern over the urban-rural gap in health infrastructure and called upon the private sector to join hands with the government to bring the latest healthcare diagnostic and treatment facilities to the rural

areas at an affordable cost. He said, "There is an urgent need to bridge this divide so that people in rural areas also get access to modern and state-of-the-art healthcare in their own villages." Stressing the importance of providing quality healthcare to every individual, the Vice President said, "No one in our villages should suffer because of lack of medical facilities."

[Excerpt from Vice President's Secretariat, published at <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1702463> (4 March 2021)]

In the context of the paragraph, choose the correct option to fill in the blank:

The Vice President's main concern is \_\_\_\_\_

- The private sector is not participating in building health infrastructure in villages
- Healthcare diagnostic and treatment facilities are expensive in rural areas
- People in rural areas should not suffer due to lack of medical facilities
- None of the above

### Logical Reasoning

1. Choose the correct option to fill in the blank:

100, 109, 116, \_\_\_\_, 136, 149

- 120
- 125
- 130
- None of these

2. A highly secret security code writes POWER as PetOutWasEarRat. How will the code write 'Two'?

- ThankWatchOn
- ToyWarOwl
- TheWhenOx
- TenWhatOpen

3. Parth drove 10kms straight ahead, then took a left and drove and drove 5 kms. He then drove around a large round park (with a diameter of 2 kms) and stopped his car. Ravi is in the \_\_\_\_\_ of his starting point.

- West
- North
- North-West
- South

4. A and B are brothers. C is the wife of A. B has a son and a daughter. D is the son of B. D is the \_\_\_\_\_ of C.

- Son
- Nephew
- Niece
- None of these

5. Choose the correct option to fill in the blank:

AZA, BYB, CXC, \_\_\_\_, EVE

- DWD
- DVD
- DZD
- DUD

### Mathematical Ability

1. Payal draws one card from a pack of 52 cards. What is the probability that the card is a spade?

- $\frac{1}{4}$
- $\frac{1}{2}$
- $\frac{1}{3}$
- 1

2. Prateek works at ABC store which is 5 kms away from his house. He cycles at a speed of 10 kms per hour. He needs to reach his office by 1000 hours. There are two traffic signals on the way, which lead to a delay of 3 mins each. At what time should Prateek leave his home?

- 0924 hours
- 0900 hours
- 0930 hours
- 0927 hours

3. Choose the correct option to fill in the blank:

$$(30 - 6) \div 8 - 2 = \underline{\hspace{2cm}}$$

Hint: Apply BODMAS rule i.e., solve the equation in this order -> Brackets, Orders (e.g.  $2^2=4$ ), Division, Multiplication, Addition and Subtraction

- 1
- 4
- 2
- None of these

4. Rahul walked 3 kms straight and then took a 90° right. He then walked 4 kms. What is Rahul's distance from his starting point?

- 7 kms
- 25 kms
- 5 kms
- 1 km

5. If  $594 \div 143 = 4$  and  $99 \div 11 = 9$ , then  $143 \div 11$  is \_\_\_\_\_

- 6
- 54
- 11
- 13