

Please do not write any thing on the question paper.



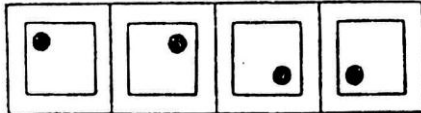
This is only sample test paper. Actual V-SAT is of 90 minutes consisting 35 questions divided into General Aptitude, Maths and Science

Sample Questions for Vidyalankar Scholarship cum Admission Test (V-SAT)

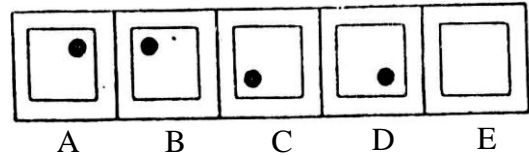
Section I : Differential Aptitude Test

1. Complete the Series:

Problem Figures

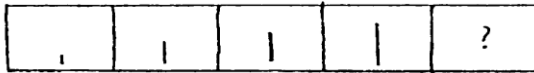


Answer Figures

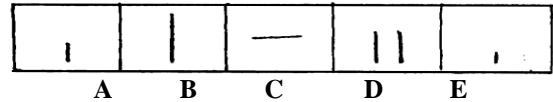


2. Complete the Series:

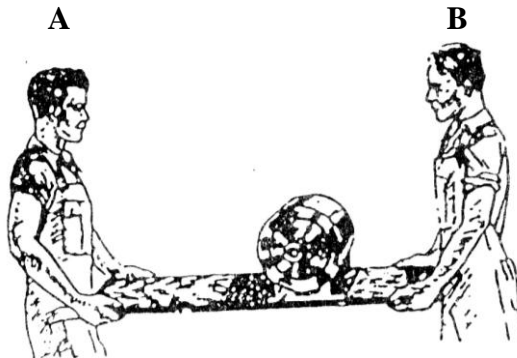
Problem Figures



Answer Figures



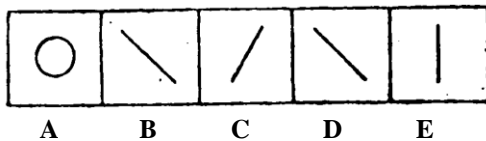
3. Answer the question by observing the picture:



Which man has the heavier load ? (If equal, mark C.)

4. Find out Odd Figure:

Problem Figures



Section II : Mathematics

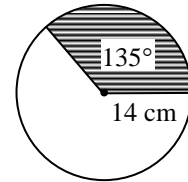
5. $(2 + \sqrt{3})^3 + (2 - \sqrt{3})^3 =$

- (A) 26 (B) 56 (C) 24 (D) 52

6. In the figure given alongside the angle subtended by the two radii is 135° and the radius is 14 cm. Find the area of the sector ?

(Given $\pi = \frac{22}{7}$)

- (A) 231 sq. cm. (B) 57.75 sq. cm.
(C) 462 sq. cm. (D) None of these



Section III : Science

7. The ratio of masses of two objects A and B is 3 : 4. Their volumes are in the ratio of 2 : 5. Then the ratio of their densities is
- (A) 3 : 4 (B) 3 : 10 (C) 2 : 5 (D) 15 : 8
8. Light year is an unit used to measure
- (A) weight (B) time
(C) distance (D) speed of light
9. Gold is denoted by
- (A) Ag (B) Au (C) Al (D) As
10. Which of the following is measured by a electric meter installed by M.S.E.B. ?
- (A) Electric energy (B) Electric power (C) Electric voltage (D) Electric current.
11. Foot and mouth disease is caused due to
- (A) bacteria (B) virus (C) protozoa (D) algae
12. Which of the following is a type of weedicide ?
- (A) 3, 4-D (B) TNT (C) DDT (D) 2,4 - D

