

**SAMPLE TEST PAPER
BS (SCIENCE) PROGRAM**

SECTION A

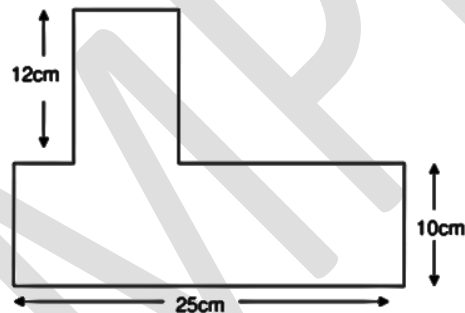
1. $\sqrt{2x + 6} + 4 = x + 3$ What is the solution set of the equation above?

- A. $\{-1\}$ B. $\{5\}$ C. $\{-1, 5\}$ D. $\{0, -1, 5\}$

2. A group of 202 people went on an overnight camping trip, taking 60 tents with them. Some of the tents held 2 people each, and the rest held 4 people each. Assuming all the tents were filled to capacity and every person got to sleep in a tent, exactly how many of the tents were 2-person tents?

- A. 30 B. 20 C. 19 D. 18

3. The perimeter of the shape is



- A. 47 cm B. 72 cm C. 94 cm D. 69 cm

SECTION B

4. If you eliminate corruption in your organization, you _____ it:

- A. support B. reduce C. remove D. suspect

5. The author presumably believes that all businessmen are _____, for her main characters, whatever qualities they may lack, are virtual paragons of _____.

- A. Clever, ingenuity B. Covetous, greed C. Virtuous, deceit D. Successful, ambition

6. Synonym of Immense:

- A. Coarse B. Small C. Gigantic D. Bright

7. Antonym of Assure:

- A. Alarm B. Reassure C. Quiet D. Unsure

SECTION C

8. National Sport of Pakistan is _____.

- A. Hockey B. Volley Ball C. Cricket D. Kabaddi

9. National Flag of Pakistan was designed by _____?

- A. Amir udin Kidwai B. Hafeez Jalandhri C. Ahmed Ghulam Ali Chaghla
D. None of these.

10. The Dark Green Field in the flag has the ratio _____?

- A. $2/3$ B. $3/4$ C. $1/3$ D. None of these.