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.