

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

**Section A**

1.  $3x + x + x + x - 3 - 2 = 7 + x + x$  In the equation given, what is the value of  $x$ ?  
A.  $5/7$       B. 1      C.  $12/7$       D. 3

2. The formula below is often used by project managers to compute  $E$ , the estimated time to complete a job, where  $O$  is the shortest completion time,  $P$  is the longest completion time, and  $M$  is the most likely completion time:

$$E = \frac{O + 4M + P}{6}$$

Which of the following correctly gives  $P$  in terms of  $E$ ,  $O$ , and  $M$ ?

- A.  $P = 6E - O - 4M$       B.  $P = -6E + O + 4M$       C.  $P = \frac{O+4M+E}{6}$       D.  $P = \frac{O+4M-E}{6}$

3. The width of a rectangular dance floor is  $w$  feet. The length of the floor is 6 feet longer than its width. Which of the following expresses the perimeter, in feet, of the dance floor in terms of  $w$ ?

- A.  $2w + 6$       B.  $4w + 12$       C.  $w^2 + 6$       D.  $w^2 + 6w$

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

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

**Section B**

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 Gracious:

- A. Pretty      B. Clever      C. Pleasant      D. Present

7. Synonym of Generic:

- A. General      B. Cheap      C. Fresh      D. Elderly

### Section C

8. The duration of National Anthem is \_\_\_\_\_?

- A. 80 Sec      B. 90 Sec      C. 100 Sec      D. 12 Sec

9. Which animal is the part of PTV Logo?

- A. Peacock      B. Roaster      C. Eagle      D. None of these

10. National Sport of Pakistan is \_\_\_\_\_.

- A. Hockey      B. Volleyball      C. Cricket      D. Kabaddi