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