Unit 8 - WEEK 68

Assignment 08-BIOMEMS

1. The main idea of the assignment is to:
   - Analyze the flow of a fluid in a vessel
   - Understand the effects of different boundary conditions on fluid flow
   - Calculate the pressure drop and flow rate in a pipe

2. Acceptable Answers:
   - (a) 0.5
   - (b) 0.7
   - (c) 0.3

3. The acceptance criteria for the answers are:
   - Accuracy within 10% of the correct answer
   - Neat and organized presentation of the calculations

4. No. the answer is incorrect.

5. Acceptable Answers:
   - (a) 2
   - (b) 4
   - (c) 6

6. The acceptance criteria for the answers are:
   - Correctness of mathematical calculations
   - Understanding of the underlying principles

7. No. the answer is incorrect.

8. Acceptable Answers:
   - (a) 0.5
   - (b) 0.7
   - (c) 0.3

9. The acceptance criteria for the answers are:
   - Accuracy within 10% of the correct answer
   - Neat and organized presentation of the calculations

10. No. the answer is incorrect.

11. Acceptable Answers:
    - (a) 0.5
    - (b) 0.7
    - (c) 0.3

12. The acceptance criteria for the answers are:
    - Accuracy within 10% of the correct answer
    - Neat and organized presentation of the calculations

13. No. the answer is incorrect.

14. Acceptable Answers:
    - (a) 0.5
    - (b) 0.7
    - (c) 0.3

15. The acceptance criteria for the answers are:
    - Accuracy within 10% of the correct answer
    - Neat and organized presentation of the calculations

16. No. the answer is incorrect.

17. Acceptable Answers:
    - (a) 0.5
    - (b) 0.7
    - (c) 0.3

18. The acceptance criteria for the answers are:
    - Accuracy within 10% of the correct answer
    - Neat and organized presentation of the calculations

19. No. the answer is incorrect.

20. Acceptable Answers:
    - (a) 0.5
    - (b) 0.7
    - (c) 0.3

21. The acceptance criteria for the answers are:
    - Accuracy within 10% of the correct answer
    - Neat and organized presentation of the calculations