



**SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)**



DEPARTMENT OF BIOMEDICAL ENGINEERING

19BMT301- Biocontrol System: Unit 4 and 5

2 Marks QB:

1. Distinguish distributed parameter and lumped parameter models.
2. Draw the simple electrical model of lung.
3. Draw the simple model of eye movement.
4. What is the need for physiological modeling?
5. What is the electrical equivalent of inheritance and compliance?
6. Draw the simple electrical model of heart.
7. Draw the linear model of neuromuscular reflex.
8. Mention the need for physiological modeling.
9. State Pupillary light reflex.
10. State knee jerk reflex.
11. Define autonomic nervous system.
12. Define muscle spindle.
13. Mention the function of cardiovascular control system.
14. State the process of respiration.
15. What is the function of gas exchanger in regulation of ventilation?
16. Draw the simple electrical model of cardiac output regulation.