

2006 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

IV B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS
HOSPITAL SYSTEMS MANAGEMENT
(BIO-MEDICAL ENGINEERING)

APR/MAY 2006

TIME - 3 HOUR
MARK - 80

Answer any FIVE Questions
All Questions carry equal marks

1. Explain how important the nursing services are in hospitals. Discuss the role of nursing people in hospitals [16]
2. Explain the following terms:
- (a) Dietary services
- (b) Primary health centre. [8+8]
3. (a) Explain the need for air conditioners in a hospital and write about different air conditioners. [8]
- (b) How do you choose the capacity of the generator to instal in a multi speciality Hospital. [8]
4. (a) Explain about the communication procedures within the hospital? [8]
- (b) Explian about the management of water supplies? [8]
5. Explain how the computer aids the hospital in managing administration and main- tanence of patient records? [16]
6. Explain the problem of interference in the case of grounding biomedical equipments. How to overcome this problem? Explain. [16]
7. Discuss the procedure for the purchase and service of biomedical Equipments? 16]
8. Write short notes on:
- (a) Discharge of patients
- (b) Drug purchase procedure
- (c) Operation theatre lighting. [16]