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MANIPAL INSTITUTE OF TECHNOLOGY
(A constituent unit of MAHE, Manipal 576104)

VII SEM B.Tech.(BME) DEGREE END SEMESTER EXAMINATIONS, DEC/JAN 2020-21
SUBJECT: HEALTH CARE MANAGEMENT (BME 4005)
(REVISED CREDIT SYSTEM)

Wednesday, 30th December 2020: 9 AM to 12 NOON

TIME: 3 HOURS

MAX. MARKS: 50

Instructions to Candidates:

- 1. Answer all the questions.**
- 2. Draw labeled diagrams wherever necessary.**

- Hospitals have evolved from treating terminally ill to provide preventive care. 5+5
 - Define “Hospital” its functions to a community.
 - Classify hospitals and write briefly on different types of hospitals in India.
- What is biomedical waste? Discuss Biomedical Waste Management (BMW) rules 2016. Mention the authorities at state and central level that monitor and provide guidelines regarding BMW. 5
 - What are the different treatment options available for disposal of BMW? 5
- Define medical and surgical emergency. Enumerate the different types of designs of emergency department with diagrams. 5
 - Define a medico-legal case. Give four examples. 5
- Hospital Equipment are sophisticated and high cost technology involving huge funds.
 - What do you understand by the concepts of Equipment Management? 5
 - Outline the plan for bio medical engineering maintenance for a 200-bed hospital. 5
- Discuss on various types of Occupational hazards in a hospital. What is their preventive and control measures in a hospital? 10