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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.

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