

Question Paper

Exam Date & Time: 18-Jun-2024 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER M.Sc. EMERGENCY MEDICAL TECHNOLOGY DEGREE EXAMINATION - JUNE 2024
SUBJECT: EMT5201 - INFECTIOUS DISEASES OUTBREAK AND PREPAREDNESS
(2022 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Describe the morphology and physiology of bacteria. | (20) |
| 2) | Classify Bio-Medical Waste segregation. Add a note on Bio-Medical Waste disposal methods. | (20) |
| 3A) | Explain the pathogenesis, clinical manifestation and management of rabies. | (10) |
| 3B) | Classify the stages of acetaminophen toxicity. Add a note on acetaminophen toxicity. | (10) |
| 3C) | Describe the infectious and non-infectious causes and management of acute diarrhea. | (10) |
| 3D) | Classify the level of personal protective equipment. Add a note on donning and doffing procedure. | (10) |
| 4A) | Summarize the clinical manifestations and management of benzodiazepine overdose. | (5) |
| 4B) | Classify the phases of syphilis. | (5) |
| 4C) | Explain the management of Staphylococcus toxic shock syndrome. | (5) |
| 4D) | Summarize the toxidromes. | (5) |

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Question Paper

Exam Date & Time: 20-Jun-2024 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER M.Sc. EMERGENCY MEDICAL TECHNOLOGY DEGREE EXAMINATION - JUNE 2024
SUBJECT: EMT5202 - DISASTER MANAGEMENT AND TELEMEDICINE
(2022 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Discuss the need of education and research in disaster. Explain the importance of disaster awareness and mock drills. | (20) |
| 2) | Explain the equipment, infrastructure and facility in telemedicine. | (20) |
| 3A) | Explain the disaster management cycle. | (10) |
| 3B) | Identify the possible ways to mitigate the impact of Earthquakes. | (10) |
| 3C) | Explain the components of primary survey in terms of disaster. | (10) |
| 3D) | Identify the involvement of Emergency Medical Services in Telemedicine. | (10) |
| 4A) | Explain the term Bio - Weapon and discuss its after effects. | (5) |
| 4B) | Explain the preparedness, response and mitigation in case of a manmade disasters such as Chemical Disasters. | (5) |
| 4C) | Summarize the different triaging system. | (5) |
| 4D) | Explain the factors involved in preparing a hospital mass casualty. | (5) |

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