

Question Paper

Exam Date & Time: 07-Jun-2024 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. EMT DEGREE EXAMINATION - MAY/JUNE 2024
SUBJECT: EMT2201 - SURGICAL EMERGENCIES - I
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

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| 1) | Write a detail note on types of wounds, wound healing, and wound management | (10) |
| 2) | Detail notes on types, causes, and management of hernia | (10) |
| 3A) | Write the causes and management of cholecystitis | (5) |
| 3B) | Explain steps in normal delivery | (5) |
| 3C) | Write a short note on airway assessment in pre- anesthetic check up | (5) |
| 3D) | Types of renal colic and its causes | (5) |
| 4A) | Write the Parts of fallopian tube | (2) |
| 4B) | Explain Bell clapper deformity | (2) |
| 4C) | Types of wound debridement | (2) |
| 4D) | What is Blumberg sign? | (2) |
| 4E) | How does Pancreatitis occur? List any two causes for the same. | (2) |

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Question Paper

Exam Date & Time: 05-Jun-2024 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. EMT DEGREE EXAMINATION - MAY/JUNE 2024
SUBJECT: EMT2202 - MEDICAL EMERGENCIES - I
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Explain the pathophysiology, causes, clinical presentation, investigation and initial management of Asthma. (10)
- 2) **Add a note on:** (10)
 - a) Ischemic stroke.
 - b) Hemorrhagic stroke.
- 3A) What are the five possible causes of altered sensorium in ER? (5)
- 3B) Explain the steps of taking pus culture sample. (5)
- 3C) Explain the pathophysiology of malaria. (5)
- 3D) Describe the approach taken when encountering a patient experiencing Epistaxis. (5)
- 4A) List some sexually Transmitted Diseases. (2)
- 4B) Define chronic obstructive pulmonary disease (COPD).and provide two cause for it. (2)
- 4C) List the major clinical features of cellulitis. (2)
- 4D) Explain the clinical features of Hypothyroidism. (2)
- 4E) List the causes for Upper Gastrointestinal bleed. (2)

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Question Paper

Exam Date & Time: 27-May-2024 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. EMT DEGREE EXAMINATION - MAY/JUNE 2024
SUBJECT: EMT2241 - PROGRAM ELECTIVE - I : WILDERNESS SERVICES
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

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| 1) | What are the challenges and the considerations to be taken while resuscitating a victim in the Wilderness? | (10) |
| 2) | Describe in detail about the grades, signs and symptoms, Risk factors along with the treatment and management of the frost bite. | (10) |
| 3A) | What are the grades and list the signs and symptoms with the range of body temperature in Hypothermia? | (5) |
| 3B) | Elaborate in detail about basic safety and rescue procedures to be done during an Avalanche. | (5) |
| 3C) | Explain in detail about the identification and management of Acute Mountain Sickness. | (5) |
| 3D) | List the signs and symptoms, pre-hospital management for the neurotoxic snake bite. | (5) |
| 4A) | Why leave no trace is Important? | (2) |
| 4B) | Expand "SAR" stretcher. List 2 indications. | (2) |
| 4C) | What are the prevention strategies to avoid Lightning strike? | (2) |
| 4D) | What are the types of Lightning strikes? | (2) |
| 4E) | What are the prevention strategies for Animal attacks? | (2) |

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Question Paper

Exam Date & Time: 27-May-2024 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. EMT DEGREE EXAMINATION - MAY/JUNE 2024
SUBJECT: EMT2242 - PROGRAM ELECTIVE - I : INFECTION CONTROL
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

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| 1) | Explain the infection control principles and strategies. | (10) |
| 2) | Mention the different categories of bio medical waste and its segregation. Explain the importance of sterilizing the ambulances. | (10) |
| 3A) | Explain the steps of Hand washing techniques and add a note on moments of hand hygiene. | (5) |
| 3B) | Explain the pitfalls that you observe during a procedure in a clinical scenario. | (5) |
| 3C) | Explain the level of PPE and its equipment. Write the sequence of donning and doffing. | (5) |
| 3D) | Mention the precautions to be taken in health care and non - health care settings. | (5) |
| 4A) | Name few Nosocomial infections | (2) |
| 4B) | Define aseptic technique, with few examples. | (2) |
| 4C) | List some of the waste materials which require autoclave. | (2) |
| 4D) | Name four sources and agents of infections. | (2) |
| 4E) | Define Infection | (2) |

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