

Question Paper

Exam Date & Time: 02-Sep-2022 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. (EMERGENCY MEDICAL TECHNOLOGY) DEGREE EXAMINATION - SEPTEMBER 2022
SUBJECT: EMT 2202 - MEDICAL EMERGENCIES - I
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Discuss regarding the indication of intubation. Briefly discuss the basic airway adjuncts and write the steps of Rapid sequence Intubation. (10)
- 2) Explain the calcium metabolism, explain the role of vitamin D, calcitonin and PTH in the regulation of calcium. (10)

3. Short Essay:

- 3A) Discuss the causes, clinical presentation and initial management of lower GI bleed. (5)
- 3B) Define cellulitis. Briefly describe the clinical features of the same. (5)
- 3C) Discuss the Symptoms of a Addison's disease. (5)
- 3D) Define Hyperkalaemia. Explain the clinical features of hyperkalaemia. (5)

4. Short Answer:

- 4A) Mention the clinical features of Hyperthyroidism. (2)
- 4B) Discuss Tension Pneumothorax. (2)
- 4C) Name four organism that cause malaria. (2)
- 4D) Enumerate five causes for Abdominal pain. (2)
- 4E) Draw a neat and labelled diagram of thyroid gland and its parts. (2)

-----End-----

Question Paper

Exam Date & Time: 06-Sep-2022 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. (EMERGENCY MEDICAL TECHNOLOGY) DEGREE EXAMINATION - SEPTEMBER 2022
SUBJECT: EMT 2242 - INFECTION CONTROL (PROGRAM ELECTIVE - II)
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

Essay:

- 1) Mention the different categories of bio medical waste. (10)
- 2) Explain the different methods of onsite disinfection suggested by the BMWM: (10)
 - i) Autoclave
 - ii) Microwave
 - iii) Chemical disinfection with sodium hypochlorite solution.

3. Short Essay:

- 3A) Explain the steps of hand sanitizing. (5)
- 3B) Explain the pitfalls that you observe during a procedure in a clinical scenario. (5)
- 3C) Explain the steps involved in an event of mercury spill. (5)
- 3D) Level of PPE and its equipment. Write the sequence of donning and doffing. (5)

4. Short Answer:

- 4A) Name two major healthcare associated infections. (2)
- 4B) Four R's in waste minimization. (2)
- 4C) Mention three waste that should go into YELLOW bin. (2)
- 4D) List three fluid waste generated at health care facilities. (2)
- 4E) Define Disinfection. (2)

-----End-----