

# Question Paper

Exam Date & Time: 26-Jul-2022 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.Sc. EMERGENCY MEDICAL TECHNOLOGY DEGREE EXAMINATION - JULY 2022  
SUBJECT: EMT1121 - INTRODUCTION TO EMERGENCY MEDICAL SERVICES  
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Describe the resources for triage system and ambulance. (10)
- 2) Explain the initial assessment of the patient - ABCD approach. (10)

3. Short Essay:

- 3A) Write five vital signs assessed in triage with normal range and units. (5)
- 3B) Explain in detail about Glasgow coma scale (GCS). (5)
- 3C) Explain triage and three types of triage. (5)
- 3D) List ten examples under 1<sup>st</sup> level of ESI triage algorithm. (5)

4. Short Answer:

- 4A) What are the types of ambulances. (2)
- 4B) How to assess the airway? (2)
- 4C) What does code blue and code red indicate? (2)
- 4D) Write three roles of EMT in emergency department. (2)
- 4E) Name four anatomical sites where the pulse can be checked/assessed. (2)

-----End-----

# Question Paper

Exam Date & Time: 28-Jul-2022 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.Sc. EMERGENCY MEDICAL TECHNOLOGY DEGREE EXAMINATION - JULY 2022  
SUBJECT: EMT1122 - EMERGENCY EQUIPMENT - I  
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Explain the normal conduction system of heart and draw a neat labelled diagram of normal ECG waves. (10)
- 2) Explain the advantages and site of insertions of intravenous and intra-osseous catheters. (10)

### 3. SHORT ESSAY :

- 3A) Explain the placement of 12 lead ECG (5)
- 3B) Explain the basic principle and indications of immobilization devices. (5)
- 3C) Mention the steps to interpret ECG - standard form. (5)
- 3D) Explain the steps to check blood sugars using point of care device (5)

### 4. SHORT ANSWER:

- 4A) Define tachycardia and bradycardia (2)
- 4B) Name three immobilization devices (2)
- 4C) Name two life threatening cardiac condition interpreted on ECG. (2)
- 4D) Name three equipment's used in emergency department. (2)
- 4E) Mention the uses of cervical collar. (2)

-----End-----