

QP Code: 101119

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Emergency
Medicine (MD) June 2020**

**Paper I – Applied Basic Sciences, General Emergency Medicine and Disaster
Preparedness**

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe anatomy of larynx, relevant for endotracheal intubation. Enumerate the difference of adult and paediatric airway. Narrate the recent difficult airway management protocol. Describe supraglottic airway devices. Add a note on surgical airways with special note on percutaneous tracheostomy. (4+2+4+4+3+3)

Short essays:

(8x10=80)

2. Define disaster. Write about the factors that may hinder ED response to disasters. Describe about the components of the hospital emergency operations plan. Describe ED disaster response including triage. (1+2+3+4)
3. Describe methods of pain relief in trauma victims in ED. Describe about splinting in ED. (6+4)
4. Describe American Heart Association (AHA) algorithm for bradycardia management in acute care setting.
5. Describe about bed side investigations in ED including e-FAST
6. Describe about massive transfusion protocol in your ED
7. Describe the importance of decontamination area in emergency department and the management of chemical disasters.
8. Describe about the principles and steps of basic wound management.
9. Enumerate causes of hyponatremia, approach to diagnose the cause and management of cases of severe life threatening hyponatremia.
