

[LB 0212]

AUGUST 2012

Sub. Code: 1013

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY

SECOND YEAR

PAPER - III – EMERGENCY MEDICINE (EM) & EMS

Q.P. Code : 801013

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

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|--|---|----|----|
| 1. Classify Haemorrhagic shock. Describe the methods of management of Haemorrhagic shock. | 7 | 20 | 10 |
| 2. Mechanism of injury and potential injury patterns. Explain in detail regarding Scene size up. | 7 | 20 | 10 |
| 3. What is Synchronised Cardioversion? Mention the steps of Synchronised Cardioversion. | 7 | 20 | 10 |

II. Write Notes on:

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|---|---|----|---|
| 1. Trimodal peak of death. | 4 | 10 | 5 |
| 2. Preparation and steps of Paediatric Endotracheal Intubation. | 4 | 10 | 5 |
| 3. Foreign Body Airway Obstruction (FBAO) – a) Mention the features b) Describe the different methods of relieving of FBOA. | 4 | 10 | 5 |
| 4. Glasgow Coma Scale (Adult, Paediatric & Infant). | 4 | 10 | 5 |
| 5. Monroe – Kellie Doctrine. | 4 | 10 | 5 |
| 6. Flail chest – Definition, Pathophysiology, Clinical features and Management. | 4 | 10 | 5 |
| 7. Expand ‘AMBU’. Draw and Mention parts of AMBU bag. Describe the techniques of Bag Valve Mask Ventilation. | 4 | 10 | 5 |
| 8. Write in detail regarding Post Resuscitation care. | 4 | 10 | 5 |

III. Short Answers on:

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| 1. Draw diagram and Laryngeal Mask Airway and label. | 2 | 4 | 3 |
| 2. Mention the indication and explain the procedure of ‘Needle Thoracocentesis’. | 2 | 4 | 3 |
| 3. Mention the drugs used in Cardiac arrest. | 2 | 4 | 3 |
| 4. How do you measure the percentage of thermal burns? | 2 | 4 | 3 |
| 5. Antidote for: a) Organophosphorus compound b) Tricyclic Antidepressants c) Cyanide. | 2 | 4 | 3 |
| 6. Expand ‘FAST’ in Trauma victim and explain. | 2 | 4 | 3 |
| 7. What are the methods to confirm Endotracheal tube position and placement? | 2 | 4 | 3 |
| 8. How do you measure Blood pressure using a Sphygmomanometer? | 2 | 4 | 3 |
| 9. Draw a normal “PQRST” of an ECG and mention their significance. | 2 | 4 | 3 |
| 10. Write in detail regarding Cricoid pressure. | 2 | 4 | 3 |
