DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

(New Syllabus 2014-2015)

FIRST YEAR

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code: 841034

Time: Three Hours Maximum: 100 marks

Answer ALL questions

I. Elaborate on: $(3 \times 10 = 30)$

1. Write in detail regarding Roles and responsibilities of emergence Medical Technician.

- 2. Write in detail regarding Triage.
- 3. Write in detail regarding Anaphylaxis Clinical features and Management.

II. Write notes on: $(10 \times 5 = 50)$

- 1. Key components of Pre Hospital Ambulance Transfer.
- 2. Bio waste disposal.
- 3. Management of acute asthma.
- 4. Naso gastric catheterization.
- 5. Write in detail regarding Bag valve mask ventilation in all age groups.
- 6. Mention ten medico legal cases.
- 7. Sudden cardiac death.
- 8. Mention 5 Poisonous snakes in India.
- 9. Mention about oxygen devices.
- 10. Mention the steps of endotracheal intubation.

III. Short Answers on: $(10 \times 2 = 20)$

- 1. Mention 2 cerebellar signs.
- 2. Define Status epilepticus.
- 3. Draw diagram and label the parts of vertebra.
- 4. Mention 2 Etiologies of Atrial Fibrillation.
- 5. Permissive Hypotension.
- 6. Care of Amputated hand for revascularization.
- 7. Management of Epistaxis.
- 8. Management of Hypernatremia.
- 9. Name 2 Barbiturates.
- 10. Clinical signs of brain death.

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I. Elaborate on: $(3 \times 10 = 30)$

- 1. Advance cardiac life support.
- 2. Primary and Secondary survey.
- 3. Active and passive visual warnings.

II. Write Notes on: $(10 \times 5 = 50)$

- 1. Auscultation.
- 2. BLS.
- 3. Medical records.
- 4. Paramedic.
- 5. Scene size up.
- 6. Types of ambulance.
- 7. Ambulance communication system.
- 8. Patient history in EMS.
- 9. Inter facility transport.
- 10. DNAR.

III. Short Answers on: $(10 \times 2 = 20)$

- 1. MLC.
- 2. Process of health assessment.
- 3. EMT.
- 4. Percussion.
- 5. History of EMS.
- 6. Sirens.
- 7. Existing EMS in India.
- 8. Communication equipment.
- 9. Define SAMPLE history.
- 10. Documentation in transport.
