

**B.E. V Semester**

Examination, June 2015

**Paramedics**

***Time: Three Hours***

***Maximum Marks: 70***

*Note:* i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice,

ii) All parts of each questions are to be attempted at one place.

iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max. 100 words) carry 3 marks, part D (Max.400 words) carry 7 marks,

iv) Except numerical, Derivation, Design and Drawing etc.

1. a) Define the term Cell body?
- b) Differentiate between Red Blood Cells, White Blood Cells and Platelets?
- c) Write the main functions of muscular system or muscular-related system?
- d) Describe in brief about central nervous system of human body with neat sketch?

OR

Discuss the circulatory system in general and write the main difference between CNS and PNS system?

- a) Enlist the various vital signs in human body? b) Explain the term Blood pressure with their types and name the instrument by which one can measure the BP?
- c) Enumerate the signs and symptoms that can be observed by paramedic while checking the swelling, wounds, discoloration of skin?
- d) Write in detail about the clinical features of burn and explain the layers that are damaged by it?

OR

3. How you will make the diagnosis report of patient on his present illness?

4. a) What is hypo perfusion? Explain with suitable example.
- b) Explain the term fractures with their types?
- c) What are the internal injuries that are associated with head and chest?
- d) Define bleeding and explain their types with examples? |

OR

Describe in brief about tissue injury and write their types also?

4. a) Enlist the various types of injuries which are associated (with bones and joints?
- b) Explain the artificial respiration by manual and instrumental method?
- c) Explain the following terms: Lateral, proximal, Femur, phalanges, Fibula, Tibia
- d) How you will treat the person suffering from hyper pyrexia and shock? What type of antidote you will use there?

OR

Explain dressing. What are the characteristics of it? Also describe the types of it.

5. a) Explain about body temperature regulation mechanism?
- b) Enlist the equipments that are used in first aid paramedics.
- c) How one can transport the casualty to the hospital. Describe it.
- d) What precautionary measure should be taken by hospital during chemical explosion.

What are the symptoms of snake bite? Give the paramedical care taken during such a situation?