

## B.E. (Fire Engineering) Fourth Semester (C.B.S.)

**Paramedics**

P. Pages : 1

**NRT/KS/19/3955**

Time : Three Hours



Max. Marks : 80

- Notes :
1. All questions carry marks as indicated.
  2. Solve Question 1 OR Questions No. 2.
  3. Solve Question 3 OR Questions No. 4.
  4. Solve Question 5 OR Questions No. 6.
  5. Solve Question 7 OR Questions No. 8.
  6. Solve Question 9 OR Questions No. 10.
  7. Solve Question 11 OR Questions No. 12.
  8. Due credit will be given to neatness and adequate dimensions.
  9. Diagrams and chemical equations should be given whenever necessary.

1. List the organ systems in human body. Discuss the importance of Nervous system in Paramedical emergency. 14
- OR**
2. Why do we check the VITAL FUNCTIONS? Discuss the method of measurement of Blood pressure. 14
3. What is a lacerated wound? How to control the blood loss from such a wound. 13
- OR**
4. Classify joints. Discuss the paramedical care in a case of distortion of elbow joint. 13
5. What is shock? Discuss how to treat a Burn shock during paramedic management. 13
- OR**
6. What is a penetrating Injury? Discuss the management of a Bullet Injury. 13
7. What is the importance of an Ambulance in paramedics? Discuss the factors in designing such an Ambulance. 13
- OR**
8. Discuss the various effects of Nuclear radiation. 13
9. Discuss the effects of Electric shock. Discuss the management of such a victim of Electric Burns. 13
- OR**
10. Define Rescue. Discuss various methods of Emergency Rescue. 13
11. Write short notes on: 14

i) Third Degree Burns	ii) Asphyxia
iii) Incised wound	iv) Venous Blood
- OR**
12. Write short notes on: 14

i) Physiology	ii) Connective tissue
iii) Abdominal Cavity	iv) Shoulder joint

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