

**Max. Marks : 60**

**INSTRUCTION TO CANDIDATES :**

## SECTION-A

### SECTION-B

- Q2. Explain various community based disaster management.
- Q3. Explain about natural human induced and human made disaster.
- Q4. What is the role of knowledge based expert systems in hazard scenario?
- Q5. Explain ecological and sustainable development models for disaster management.
- Q6. What kind of Emergency medical and essential public health services can be suggested for an earthquake affected area?

### SECTION-C

- Q7. a) Explain the characteristics of a cyclone.  
b) Explain in detail the conditions necessary for the development of a cyclone.
- Q8. What are the factors to be considered while planning the rebuilding works after a major disaster due to earthquake?
- Q9. What are the causes for the Tsunami 2004 which inflicted heavy loss to life and property along the coast of Tamil Nadu? Specify its epicenter and magnitude.