

M.Sc.(Ag.) Semester – III Examination, 2014

Course : PGS – 506 (e-course)

(Disaster Management)

Time: 3 Hours

Full Marks: 80

Questions are of value as indicated in the margin.

Answer **any five** questions of which question no. 8 is compulsory.

1. What do you mean by disaster? Write in details about the different types of natural disasters. What is earthquake? How is earthquake measured? What are the different fault types that cause earthquake? Enlist three deadliest natural disasters in India.
1+6+2+2+2+3=16
2. What do you mean by disaster management? Write in details about the different phases of emergency management in the new concept of Disaster management. Highlight the role of armed forces and police in disaster management and response measures.
2+8+(3+3)=16
3. What do you mean by climate change? What are the greenhouse gases? What is ozone layer? What do you mean by ozone depletion? What are the consequences of ozone depletion?
3+3+2+3+5=16
4. Explain a latest man-made disaster in India. What are the differences between accident and disaster? What are the different types of accidents? What are the causes of road accidents? Suggest few ways to prevent road accidents.
3+4+3+3+3=16
5. What do you understand by pollution? What are the different types of pollution? Explain the sources and impact of air and water pollution on social life.
3+3+(5+5)=16
6. What are the measures in managing flood and drought? When did the Bhopal gas disaster take place? What was the major chemical responsible for the accident? Discuss the impact of Bhopal gas disaster on human life.
6+2+2+6=16
7. Explain the role of the following organization in managing disaster (**any four**): 4×4=16
 - (a) NDMA
 - (b) Electronic media
 - (c) Defence force
 - (d) NGOs
 - (e) Private organization
 - (f) Self help group

P.T.O.

(2)

8. Write down short notes on (*any four*):

4×4=16

- (a) Rail accident
 - (b) Eutrophication
 - (c) Cyclones in Odisha
 - (d) Biodiversity loss
 - (e) Uttarakhand cloud burst and its impact
 - (f) Nuclear disaster
 - (g) Pesticide contamination in food
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