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TR/SEC/IX/CST/JUNE/23

**DEPARTMENTAL EXAMINATION OF IAS
AND TCS GRADE-II OFFICERS, JUNE-2023.**

SECURITY AND DISASTER MANAGEMENT

(With Books)

Full Marks-50

Time - Two hours

The figures in the margin indicate full marks
for the questions.

1. Answer the following questions in *one* or *two* sentences each : 1×10=10
- (a) Define the term 'Risk' in disaster management.
 - (b) Write any two types of human induced disaster.
 - (c) What is the 'Epicentre' of earthquake ?
 - (d) What is the full form of WMO ?
 - (e) What do you mean by 'Disaster Communication'?

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(f) Which zone of earthquake is known as the 'Ring of Fire'?

(g) Name the biggest dam accident in India.

(h) What do you mean by 'Evacuation'?

(i) Which type of hazard is considered as the 'Cancer of hillslope'?

(j) Name any two local NGOs involved in disaster related works in Tripura.

2. Answer any *five* of the following questions in brief : $2 \times 5 = 10$

(a) Locate the SAHEL region in the world.

(b) Give any two examples of Chemical and Nuclear disasters in the world during eighties.

(c) What are the components of disaster reduction and management ?

(d) Write the different types of cyclone.

(e) Name the Government agencies having responsibilities of prevention and mitigation for disaster management.

(f) What are the reasons for which occurrence of large earthquake in Tripura is less compared to the other North-East States of India ?

3. Answer any *five* of the following questions within 30 words each : $3 \times 5 = 15$

(a) What factors are responsible for Physical Vulnerability ?

(b) Give some long-term measures to ameliorate the severity of droughts.

(c) Point-out the nature and characteristics of hazards and disasters.

(d) Classify industrial hazards into different types.

(e) What are the factors responsible for wildfire hazards ?

(f) Give a short note on earthquake in Tripura occurred in 2017.

4. Answer any *three* of the following questions within 60 words each : $5 \times 3 = 15$

(a) Critically analyse the causes of increase in natural disasters ?

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- (b) What measures should be followed by the people before, during and after the earthquake to avoid death and damage to their property ?
 - (c) What is the full form of NCG ? What type of responsibilities are assigned for NCG ?
 - (d) Make a list of different activities should be included in the awareness programmes promoting resilience of community.
 - (e) Discuss about the effects of floods in Tripura with suitable examples.