



K23U 3228

Reg. No. :

Name :

II Year B.B.A./B.Com. Degree (SDE – Supplementary) Examination, April 2023
(2011 Admission Onwards)

General Course

SDE 2A04 BBA/COM : DISASTER MANAGEMENT AND ENVIRONMENTAL
STUDIES

Time : 3 Hours

Max. Weightage : 30

PART – A

This Part consists of **two** bunches of question carrying **equal** weightage of **one**.
Each bunch consists of **four** objective type questions. Answer **all** questions.

I. 1) In which date tsunami occurred in Indonesia ?

- a) 24 April 2004 b) 26 March 2004
- c) 26 Dec. 2004 d) 27 Dec. 2004

2) Mount Kilimanjaro is the best example of

- a) Active volcano b) Dormant volcano
- c) Extinct volcano d) None of these

3) Of the following, which is a natural hazard ?

- a) Earthquake b) Cyclone
- c) Landslide d) All the above

4) Of the total water percentage in earth _____ % is a fresh water level that we can use.

- a) 2.5 b) 1 c) 5 d) 10 [W. = 1]

II. 5) The process of identifying the probability of occurrence of a natural hazard of a given intensity at a specific location based on an analysis of natural processes and site conditions is termed as

- a) Disaster calculation b) Hazard assessment
- c) Hazard calculation d) None of the above

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- 6) The cycle of disaster consists of the following components
 - a) Mitigation, Preparedness, Response, Recovery
 - b) Preparedness, vulnerability assessment, risk assessment, recovery
 - c) Mitigation, Risk assessment, Response and Recovery
 - d) None of the above
- 7) The two atom bombs dropped in Hiroshima and Nagasaki in Japan by USA during
 - a) World War I b) World War II
 - c) Gulf War I d) Gulf War II
- 8) Ultraviolet rays in radiations of sun are absorbed by
 - a) troposphere b) thermosphere
 - c) stratosphere d) ozone [W. = 1]

PART – B

Answer **any eight** questions in **one** or **two** sentences **each**. Each question carries a weightage of **one**.

- 9) What do you mean by environmental hazard ?
- 10) What are physical environmental hazards ?
- 11) What is earthquake ?
- 12) What do you mean by disaster management ?
- 13) What do you mean by flood ?
- 14) What is endogenous hazard ?
- 15) What is meant by EIA ?
- 16) What is air pollution ?
- 17) What is NDMA ?
- 18) What do you mean by drought ? [W. = 8×1=8]

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PART – C

Answer **any six** questions. Answer **not** to exceed **one** page. Each carries a weightage of **two**.

- 19) Explain different types of environmental hazards.
- 20) How the volcanic eruption occurs ?
- 21) What are the types of cyclones ?
- 22) Give a short note on DM Cycle.
- 23) What are the effects of green-house effect ?
- 24) What is Rapid Environmental Assessment (REA) ?
- 25) Explain Environmental Vulnerability/Hazard Mapping.
- 26) Give a short note on acid rain. [W. = 6×2=12]

PART – D

Answer **any two** questions. Each carries a weightage of **four**.

- 27) What is Pre-Disaster Phase ? Explain Pre-Disaster Tools.
- 28) Explain different components of Environment.
- 29) What is air pollution ? Explain the causes of air pollution. [W. = 2×4=8]