

2022

GEOGRAPHY

[P.G.]

(CBCS)

(M.Sc. First Semester End Examinations-2022)

PAPER-104

Full Marks: 40

Time: 03 Hrs

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable*

Illustrate the answers wherever necessary

USE SEPARATE ANSWER SCRIPT FOR EACH UNIT

Unit -7

F.M. - 20

[Climatology]

Group - A

Answer any one question:

1x8= 8

1. Define Air mass. Classify the air based on its various approaches.
2. Discuss the impact of ENSO on Indian monsoon.

(2)

Group - B

Answer any two questions:

2x4= 8

3. Mention the importance of short-range weather forecasting.
4. Write a critical note on the Dynamic Concept Theory on Monsoon as postulated by H. Flohn.
5. What are the anthropogenic causes of global warming?
6. Give a brief account on the structure of tropical cyclone.

Group - C

Answer any two questions:

2x2= 4

7. Describe the origin of adley Cell..
8. Write a short note on Rossby wave.
9. Name the satellites used in weather forecasting?
10. What is 'Nor'wester'?

(3)

Unit -8

F.M. - 20

[Natural Hazard & Disaster Management]

Group - A

Answer any one question:

1x8= 8

1. Define disaster and discuss the impacts of cyclone-disaster.
2. Discuss the nature of changing concept on vulnerabilities and resilience.

Group - B

Answer any two questions:

2x4= 8

3. What are the different types of drought?
4. Write a short note on resilience capacity.
5. Distinguish hazard from disaster.
6. Explain the stages of Disaster Management Cycle.

Group - C

Answer any two questions:

2x2= 4

7. Define desertification
8. What is liquefactions?
9. Define Rapid Intensification (RI) of tropical cyclone.
8. What do you mean by Modified Mercalli Scale?