

Geography [Honours]

[CBCS]

B.Sc. Third Semester End Examination-2023

(Regular & Supplementary Paper)

PAPER-C5T

Full Marks: 40

Time: 02 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

Group A

Answer any one question of the following: 1x10 = 10

1. Elucidate the various controlling factors of insolation.
2. Explain the mechanisms of different global pressure belts formation

Group B

Answer any four questions of the following: 4x5 = 20

3. Distinguish between cloud and fog.
4. What are the conditions required for condensation.
5. Explain the influence of sub-tropical jet stream on Indian monsoon.

(2)

6. Discuss in brief the structure of tropical cyclone.
7. Explain the collision coalescence theory of rain drop formation.
8. Why do water bodies remain cooler than land during summer?

Group C

Answer any five questions of the following:

5x2 = 10

9. What is condensation nuclei
 10. What are equatorial westerlies?
 11. Define Appleton layer
 12. What do you mean by relative humidity?
 13. What do you mean by 'Burst of Monsoon'?
 14. Distinguish between Bw and Bs climate
 15. Define thermal equator.
 16. What is occlusion.
-