

Roll No.

Exam Code : J-21

Subject Code—52502

B. Sc. EXAMINATION

(Main/Reappear) (Batch 2018 Onwards)

(First Semester)

GEOGRAPHY

CGL-103

Physical Geography-II

Time : 3 Hours

Maximum Marks : 80

Note : Attempt any *Five* questions. Q. No. **1** is compulsory. All questions carry equal marks.

1. Elucidate the following in **15-20** words each : **2×8=16**

- (a) Normal Lapse Rate
- (b) Aurora
- (c) Global Warming
- (d) Intertropical Convergence (ITC)

- (e) Temperature Anomaly
- (f) Mistral
- (g) Evaporation
- (h) Neep tide.

Unit I

2. Discuss in detail the structure of the atmosphere and explain the importance of different atmospheric gases. **8+8=16**
3. What do you mean by the earth's heat budget ? Explain Latitudinal heat budget of the earth. **8+8=16**

Unit II

4. Differentiate between Tropical and Temperate Cyclone. **8+8=16**
5. Classify the different kind of fronts and explain the different frontal region in the world. **8+8=16**

Unit III

6. Explain the different type of relief features of the Ocean Floor. **8+8=16**
7. What do you mean by Continental Shelf ? Explain in detail the different views about its origin. **8+8=16**

Unit IV

8. What is Ocean Salinity ? Describe the distribution of Ocean Salinity in different regions of the world. **8+8=16**
9. Define Ocean Current. Explain the regions of their origin and their impact. **16**