

**B.A. (Honours) Examination, 2024**  
**GEOGRAPHY**  
**Semester IV (CBCS)**  
**Paper/Course: CC-8**  
**Course Title: Economic Geography**

**Full Marks: 60**

**Time: 3 hours**

*Questions are of value as indicated in the margin*  
*Answer three questions selecting one from each unit*

**Unit 1**

**(Basics of Economic Geography)**

1. Define Economic Geography and discuss its nature and scope in the modern world. Explain the classification of economic activities. 12+8=20
2. Critically examine the Weber's theory of localization of industries with special reference to India. 20

**Unit 2**

**(Evolving Economic Activities)**

3. Discuss the factors influencing the location of Iron and Steel industries. Give an account of the Iron and Steel industry in India. What major policy support has been offered by the Government of India towards strengthening the iron and steel industry in the country in the recent times. 8+8+4=20
4. Narrate the significance of transportation. How does transportation influence the development of spatial structure? What do you understand by space/time relationship? Discuss the factors influencing space/time relationship 5+6+4+5=20

**Unit 3**

**(Major Issues and Challenges)**

5. What do you understand by 'manufacturing regions'? Name the various manufacturing regions of the world. Discuss the different manufacturing regions of Europe in details. 5+5+10=20
6. What do you understand by 'Structural Adjustment Programmes' (SAPs)? Elaborate the major drivers that necessitated the implementation of the SAPs across the various countries in the world. 5+15=20

**B.A. (Hons.) Examination 2024**  
**GEOGRAPHY**  
**Semester IV (CBCS)**  
**Paper/Course – CC-9**  
**Course Title: Environmental Geography**

Full Marks: 60

Time: 3 hours

*Questions are of values as indicated in the margin.*  
*Attempt any three questions, selecting one from each unit.*

**Unit I**

**Basics of Environmental Geography**

1. Elaborate the origin and progress of the discipline of Environmental Geography. 20
- ✓ 2. Comment on the provisions of the environmental conservation programmes at the national level in India. 20

**Unit II**

**Soil**

- ✓ 3. What do you mean by pedogenesis? What are epipedon and endopedon? Comment on the importance of soil texture and structure with respect to plant growth. 3+5+12=20
4. What is genetic classification of soil? Write a short note on the USDA classification of soil. 5+15=20

**Unit III**

**Bio-Geography**

5. Write explanatory notes on the following (*any four*): 4 x 5=20
  - i. Soil horizon
  - ii. Pond ecosystem
  - iii. Laws of thermodynamics
  - iv. Food chain and Food web
  - v. Tropical rainforest
- ✓ 6. Write a brief account on sun as a primary source of energy. Explain the energy flow mechanism in the ecosystem. What do you understand by 'productivity of ecosystem'? 5+10+5=20

DEPARTMENT OF GEOGRAPHY  
VIDYA-BHAVANA  
VISVA-BHARATI

B.A. (Honours) Examination, 2024  
B.A. Semester-IV (CBCS)  
Course – CC-10: Field Work (Practical)

Full Marks: 60

Time: 4 hours

Attempt all questions

1. The following are the bearings observed when traversing with a prismatic compass. Construct the traverse from the given field book and adjust the closing error, if any.

Length (cm)	Line	FB	BB
10	AB	150°00'	330°00'
15	BC	230°30'	48°00'
20	CD	306°15'	127°45'
20	DE	298°00'	120°00'
30	EA	49°30'	229°30'

(10)

2. Prepare a field notebook and construct the longitudinal profile along the line  $A_1 - A_{10}$  using a dumpy level. The BM at  $A_4$  is 46 metres above mean sea level. (10)
3. Consider a fieldwork based research topic as per your choice, and answer the following:
- Write the objectives of the study.
  - Frame a questionnaire based on the objectives. (4+6)
4. What is review of literature in a research? Give a brief account of the socio-economic scenario of the study area which you visited during field survey. (5+5)
5. Field Report and viva-voce. (20)



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**B.A Semester-IV Examination, 2024**  
**COURSE-SEC-2 : Geographical Information System (Practical)**

Full Marks: 25

Time: 2 hours

Questions are of values as indicated in the right side margin

**Attempt all questions**

1. Highlight the main components used in GIS. 5
2. Why raster and vector data are useful for *terrain analysis*? 5
3. Create a folder on Desktop with students roll number and *Import* the satellite image mentioning the appropriate steps. 5
4. *Georeference* the given satellite image on your desktop and save the output. 5
5. Viva-voce. 5