



'সমানো মন্ত্র: সমিতি: সমানী'

**UNIVERSITY OF NORTH BENGAL**

B.A./B.Sc. Honours 4th Semester Examination, 2023

**SEC1-P2-GEOGRAPHY (405)**

**MODIFIED SYLLABUS**

Time Allotted: 2 Hours

Full Marks: 60

*The figures in the margin indicate full marks.*

**Students will attempt either from Geographical Information System  
OR Tourism Management**

**GEOGRAPHICAL INFORMATION SYSTEM**

**SECTION-I**

1. Answer any **four** questions: 3×4 = 12
- (a) What is Trilateration? 3
- (b) Mention the functions of GPS. 3
- (c) Define spatial and non-spatial data structure in GIS. 3
- (d) What is node and edge? 3
- (e) What is data retrieval and data query? 3
- (f) Briefly state on the components of GIS. 3

**SECTION-II**

**Answer any four questions**

**6×4 = 24**

2. Briefly describe the data formats and file formats in GIS. 6
3. Compare raster and vector data model. 6
4. What are the principles and segments of GPS? 6
5. State the application of GIS in forest monitoring. 6
6. Briefly describe the various types of attribute data. 6
7. Write a short note on Data Base Management System (DBMS). 6

**SECTION-III**

**Answer any two from the following questions**

**12×2 = 24**

8. Explain the application of GIS in urban sprawl analysis. 12

9. Give a brief history of the development of Geographical information system. 12
10. Elaborate various applications of GPS in modern day geographical study. 12
11. Explain the land-use classification scheme as suggested by NRSC (National Remote Sensing Centre). 12

**TOURISM MANAGEMENT**

**SECTION-I**

1. Answer any *four* questions: 3×4 = 12
  - (a) What is homestay tourism? 3
  - (b) Define Ecotourism. 3
  - (c) Define Mangrove as tourism place. 3
  - (d) Importance of educational tour. 3
  - (e) Charter tourist. 3
  - (f) Pilgrimage tourism. 3

**SECTION-II**

**Answer any *four* questions**

6×4 = 24

2. Briefly discuss about the concept and nature of tourism. 6
3. Give an account on Medical tourism sites in India. 6
4. Mention nature and scope of tourism management. 6
5. Discuss the Peter's inventory of tourist attractions. 6
6. Discuss various elements of tourism. 6
7. How has the tourism development affected the environment of Himalayas? Illustrate your answer with special reference to North Bengal. 6

**SECTION-III**

**Answer any *two* questions from the following**

12×2 = 24

8. Classify the different types of tourism. Illustrate your answer with suitable examples. 4+8
9. Discuss about the geographical elements of tourism by Robinson. Write about the importance of leisure and recreation in tourism. 7+5
10. Elaborate the concept of international and domestic tourism. Explain importance of Bay of Bengal on tourism with special reference to South Bengal. 4+8
11. Illustrate the importance of National Tourism Policy in India. 12

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