UNIVERSITY OF NORTH BENGAL

B.A./B.Sc. Honours 4th Semester Examination, 2022

CC8-GEOGRAPHY

Time Allotted: 2 Hours   Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1.   Define any *five* from the following: 1×5 = 5
   (a) Phantom Pile
   (b) Locational Rent
   (c) Pink Collar Job
   (d) Material Index
   (e) Nomadic Herding
   (f) Isolated State
   (g) SEZ
   (h) Shifting Cultivation.

SECTION-II

Answer any *three* questions from the following   5×3 = 15

2.   Discuss the role of transport in infrastructural development.   5

3.   Write a short note on software technology park.   5

4.   What are the major characteristics of subsistence farming?   5

5.   Assess the problems of Iron and Steel industry in India.   5

6.   Why is forest conservation necessary in India?   5

SECTION-III

Answer any *two* questions from the following   10×2 = 20

7.   Analyze the salient features of Von Thunen's Model of agricultural land use   10
      pattern.

8.   'Cotton textile industry is most decentralized'. Explain.   10

9.   Critically analyse Weber's theory of Industrial Location.   10

10.   What is a manufacturing region? Discuss the aims and objectives of Special   3+7 = 10
      Economic Zones in India.

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UNIVERSITY OF NORTH BENGAL

B.A./B.Sc. Honours 4th Semester Examination, 2022

CC9-GEOGRAPHY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1. Define the following terms any *five*: 1×5 =5

   (a) Development

   (b) Functional region

   (c) Macro region

   (d) Balanced growth

   (e) Regional imbalances

   (f) Regionalization

   (g) HDI

   (h) Regional planning.

SECTION-II

2. Answer any *three* questions from the following: 5×3 =15

   (a) Write a short note on the importances of regional planning in India.

   (b) What is the concept of balanced regional development?

   (c) Discuss about the characteristics of formal region.

   (d) Write a short note on sustainable development.

   (e) Explain the techniques of regional planning.

SECTION-III

3. Answer any *two* questions from the following: 10×2 = 20

   (a) What do you mean by region? Differentiate between formal and functional region.

   (b) Give an account of social and environmental indicators for measuring development.

   (c) What do you mean by the concept of Regional Planning? Discuss the need and characteristics of Regional Planning.

   (d) Describe the major agro-ecological and subregions of the plains of India.

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UNIVERSITY OF NORTH BENGAL

B.A./B.Sc. Honours 4th Semester Examination, 2022

CC10-GEOGRAPHY

Time Allotted: 2 Hours   Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1. Answer any *five* questions from the following: 1×5 = 5
   - (a) Data
   - (b) Open ended question
   - (c) Pilot Survey
   - (d) Fieldwork
   - (e) Participant Observation Technique
   - (f) Focused Group discussion
   - (g) Structured question
   - (h) Check list.

SECTION-II

Answer any *three* questions from the following   5×3 = 15

2. Discuss the disadvantages of observation method.   5

3. What is the difference between a 'Questionnaire' and 'Schedule'?   5

4. What are the advantages and disadvantages of the interview technique?   5

5. Discuss the different steps of survey.   5

6. Write a short note on the ethics of field work.   5

SECTION-III

Answer any *two* questions from the following   10×2 = 20

7. What do you mean by physical fieldwork? Write the merits and demerits of   4+6=10
   physical fieldwork.

8. Discuss the various methods of data collection.   10

9. Explain the Participant Observation technique in Field Study. What are the   4+6 = 10
   merits and demerits of the participant observation technique?

10. Discuss the role and values of fieldwork in geographical study.   10

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'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Programme 4th Semester Examination, 2022

DSC1/2/3-P4-GEOGRAPHY

SPATIAL INFORMATION TECHNOLOGY

Time Allotted: 2 Hours   Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I / বিভাগ-ক / खण्ड-I

1.   Define any *five* from the following: 1×5 = 5

নিম্নলিখিত যে-কোন *পাঁচটি* সংজ্ঞায়িত করঃ

तलका कुनै पाँचलाई परिभाषित गर्नुहोस्

   (a) G.I.S. / জি.আই.এস.

   (b) Datum / ড্যাটাম / তথ্যাঙ্ক

   (c) Spatial data / দৈশিক তথ্য / स्थानिय डाटा

   (d) Geo-referencing / ভূ-নির্দেশনা / भू-सन्दर्भ

   (e) D.B.M.S / ডি.বি.এম.এস

   (f) F.C.C / এফ.সি.সি

   (g) Fiducial Mark / নির্দেশক চিত্র / चिकित्सकीय चिन्ह

   (h) D.T.M. / ডি.টি.এম.।

SECTION-II / বিভাগ-খ / खण्ड-II

2.   Answer any *three* questions from the following: 5×3 = 15

নিম্নলিখিত যে-কোন *তিনটি* প্রশ্নের উত্তর দাওঃ

तलका कुनै तीन प्रश्नको उत्तर दिनुहोस्

   (a) Write the application of spatial information technology.   5

স্থানিক তথ্য প্রযুক্তির প্রয়োগগুলি লেখ।

स्थानिक सूचना प्रविधिको आवेदन लेख्नुहोस्।

(b) Write the characteristics of vector data structure. 5

ভেক্টর তথ্য গঠনের বৈশিষ্ট্যগুলি লেখ।

भेकटर डेटा संरचनाको विशेषताहरू लेख्नुहोस्।

(c) Write a short note on co-ordinate system. 5

স্থানাঙ্ক প্রণালী সম্পর্কে একটি সংক্ষিপ্ত বর্ণনা দাও।

समन्वय प्रणालीमा छोटो टिप्पणी लेख्नुहोस्।

(d) Write about the uses of data interpolation. 5

তথ্য প্রক্ষেপণের ব্যবহারগুলি লেখ।

डाटा इन्टरपोलेसनको प्रयोगको बारेमा लेख्नुहोस्।

(e) How can you register the data in spatial Information Technology? 5

স্থানিক তথ্য প্রযুক্তিতে কিভাবে তথ্য নিবন্ধিকরণ করা হয় সে সম্পর্কে লেখ।

तपाई कसरी स्थानीय सूचना प्रविधिमा डाटा दर्ता गर्नु सक्नुहुन्छ ?

SECTION-III / বিভাগ-গ / खण्ड-III

3. Answer any *two* questions from the following: 10×2 = 20

নিম্নলিখিত যে-কোন *দুটি* প্রশ্নের উত্তর দাওঃ

तलका कुनै दुई प्रश्नको उत्तर लेख्नुहोस्

(a) Give an account of historical development of spatial information technology. 10

স্থানিক তথ্য প্রযুক্তি ব্যবস্থাপনার ঐতিহাসিক বিবর্তন সম্পর্কে একটি নিবন্ধ লেখ।

स्थानिक सूचना प्रविधिको ऐतिहासिक विकासको विवरण दिनुहोस्।

(b) Define spatial information technology. Distinguish between Raster & Vector data structure. 2+8 =10

স্থানিক তথ্য প্রযুক্তির সংজ্ঞা দাও। রাস্টার ও ভেক্টর তথ্য গঠনের পার্থক্য লেখ।

स्थानीय सूचना प्रविधि परिभाषित गर्नुहोस्। रास्टर र भेकटर डेटा संरचना बीचको भिन्नता लेख्नुहोस्।

(c) Briefly describe the sources of web data in spatial information technology. 10

স্থানিক তথ্য প্রযুক্তিতে ব্যবহৃত ওয়েব তথ্যের উৎসগুলির সংক্ষিপ্ত বর্ণনা দাও।

स्थानीय सूचना प्रविधिमा वेब डाटाका स्रोतहरू संक्षिप्त रूपमा वर्णन गर्नुहोस्।

(d) Discuss in detail the concept of Data Modelling. 10

তথ্যের মডেলিং সম্পর্কে বিস্তারিত আলোচনা কর।

डाटा मोडलिङको अवधारणालाई विस्तृत रूपमा छलफल गर्नुहोस्।

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