

**B.Sc. (Honours) Semester – V: Internal Examination - 2021**

**Subject: Geography (Honours)**

**Paper: CC11 (Research Methodology and Fieldwork)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. What is post field tabulation? What are the steps in writing Report in Research?  
3+7
2. Distinguish between Qualitative and Quantitative Research. Explain research problems with suitable examples.  
3+7

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**B.Sc. (Honours) Semester – V: Internal Examination - 2021**

**Subject: Geography (Honours)**

**Paper: CC12 (Remote Sensing, GIS and GNSS)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. Distinguish between raster and vector data structures. Describe with examples different types of remote sensing satellites and sensors. 3+7
2. Discuss the difference between image referencing schemes of NRSC and USGS. Briefly discuss sensor resolutions and their application of Landsat missions. 3+7

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**Subject: Geography (Honours)**

**Paper: DSE-A-2 (Climate Change: Vulnerability and Adaptations)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. What is electromagnetic spectrum? Explain the evidences and factors of climate change in world context. 3+7
2. What do you mean by carbon trading? Describe with suitable examples the impact of climatic change on water and human health. 3+7

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**Subject: Geography (Honours)**

**Paper: DSE-B-1 (Cultural and Settlement Geography)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. Distinguish between Cultural Hearth and Cultural Realm. Discuss the processes of cultural diffusion and mention the types of diffusion. 3+7
2. Explain the functional classification of towns by Nelson. Critically discuss the Concentric Zone Model of urban morphology by E.W. Burgess. 3+7

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