

## UG 5th Semester Examination 2021

### GEOGRAPHY (Honours)

Paper: DSE-2A

[Fluvial Geomorphology (Theory)]

(CBCS)

*The figures in the margin indicate full marks.*

#### Group – A

Answer any *one* question of the following:

Full Marks: 25

Time: Two Hours

10×1=10

1. What do you mean by channel morphometry? Explain the morphometry of river with special reference to bifurcation ratio and Sinuosity indices. 2+8
2. Explain the Mechanism of river bank erosion. How does river bank erosion can be controlled? Illustrate the answer in view of bank erosion in the lower course of river Ganges. 6+4

#### Group - B

Answer any *three* questions of the following:

5×3=15

3. Briefly mention the components of Fluvial Geomorphology. 5
  4. Distinguished between laminar flow and turbulent flow. 5
  5. Distinguished between drainage system and drainage pattern. Mention the underlying criteria for the development of superimposed drainage system. 2+3
  6. Critically explain the Strahler's scheme of stream ordering. 5
  7. Briefly explain the process of transportation of a river. What is Hjulstrom curve? 4+1
  8. Illustrate shortly the human impact on river system. 5
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OR

[Social and Cultural Geography]

Full Marks: 25

Time: Two Hours

*The figures in the margin indicate full marks.*

**Group-A**

Answer any **one** question

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|  | 10×1=10 |
| 1. Describe the content of Social Geography and elucidate the different forms of Social Processes.   | 5+5=10  |
| 2. Define cultural region. Discuss in details, about the major races and racial groups in the world. | 2+8=10  |

**Group-B**

Answer any **three** questions

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|---|--------|
|   | 5×3=15 |
| 3. Shortly interpret the concept of <i>cultural diffusion</i> .                           | 5      |
| 4. Distinguish between the terms of ‘social differentiation’ and ‘social stratification’. | 5      |
| 5. Write down the problem of dowry system in Indian society—as major social issue.        | 5      |
| 6. Describe the major elements of Culture.  | 5      |
| 7. Give the definitions of ‘cultural hearth’ and ‘cultural realm’.                        | 5      |
| 8. What are major factors behind <i>gender discrimination</i> in India?                   | 5      |