

# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations, June 2022 (Reappear)

Programme : M.Sc. Geography

Semester : 3<sup>rd</sup>

Session: 2021-22

Course Title: Regional Development and Planning

Max. Time: 3 Hours

Course Code: SEE GEO 1 3 11 C 4105

Max. Marks : 70

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**Note:** There are **total five questions** in this question paper and all are **compulsory**. Each Question carries **Fourteen Marks**. Maps /diagrams are required in answer.

Question no.1 has **seven sub parts** and students need to answer any four parts.

**Question No1.**

**(4X3.5=14)**

- a. Approaches to Regional Planning
- b. Friedmann Model of Regional Development
- c. Service Centres
- d. Relationship between Regional Planning and National Development
- e. Metropolitan Planning
- f. Economic Multiplier
- g. Regional Development in France

**Note:** Question number **Two to Five** have three sub parts and students need to answer **any two sub part** of each question. Each sub part carries **seven marks**.

**Question No.2**

**(2X7=14)**

- a. Explain the nature and scope of regional planning.
- b. Write a comment on the following- (i) Type of planning region, (ii) Planning regions of India
- c. Critically examine the five year plans and regional planning policies in India.

**Question No.3**

**(2X7=14)**

- a. Examine the relationship between economic development and regional development.
- b. Evaluate the regional disparity of India in the light of development.

- c. 'Functional interaction of economic complexes leads to development', explain it with suitable examples.

**Question No.4**

**(2X7=14)**

- a. Which approach (Top to Bottom or Bottom to Top) is more suitable for regional planning in India and why?
- b. What is Multi level planning? Examine its functionality in India.
- c. Elaborate the tribal area development programmes in India.

**Question No.5**

**(2X7=14)**

- a. Critically analyse the development of theories from growth pole to growth foci.
- b. Explain the relationship between regional development and centre place theory.
- c. What are the major issues which should be undertaken for regional development and planning in twenty first century in India.

# CENTRAL UNIVERSITY OF HARYANA

Term End Examinations, June 2022 (Reappear)

**Programme :M.Sc. Geography**

**Semester : 2<sup>nd</sup>**

**Course Title: Hydrology and Oceanography**

**Course Code: SEE GEO 1 2 06 C 4105**

**Session: 2021-22**

**Max. Time: 3 Hours**

**Max. Marks : 70**

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**Note:** There are **total five questions** in this question paper and all are **compulsory**. Each Question carries **Fourteen Marks**. Maps /diagrams are required in answer.

Question no.1 has **seven sub parts** and students need to answer any four parts.

**Question No1.**

**(4X3.5=14)**

- a. Meaning and Scope of Hydrology
- b. Infiltration
- c. Interstate water Dispute
- d. Plate Tectonics
- e. Sub marine Canyon
- f. Upwelling and Downwelling
- g. Deep Ocean Circulation

**Note:** Question number **Two to Five** have three sub parts and students need to answer **any two sub part** of each question. Each sub part carries **seven marks**.

**Question No.2**

**(2X7=14)**

- a. What is interception? Explain the factors which affect it.
- b. Elaborate the man's influence on hydrological cycle.
- c. Explain the meteorological and geographical factors which affect the evaporation.

**Question No.3**

**(2X7=14)**

- a. Critically examine the societal practices for water resource management in India.
- b. Explain the factors which affect the runoff.
- c. Identify and explain the water resource problems in India. .

**Question No.4**

**(2X7=14)**

- a. Elaborate the topographic features of Atlantic Ocean basin.
- b. Explain the following- (i) marine sediments according to sources, (ii) Oozes
- c. Examine the factors which affect the temperature and salinity in the ocean and explain the temperature and salinity structure of the ocean.

**Question No.5**

**(2X7=14)**

- a. Explain the interaction between atmosphere and ocean.
- b. Identify and explain the factors which govern the oceanic circulation with reference to the surface currents of Indian ocean.
- c. Elaborate the causes and consequences of Tsunami.

