



DIAMOND HARBOUR WOMEN'S UNIVERSITY
M.A/M.Sc. 4th Semester Examination - 2022
Subject: GEOGRAPHY
Paper Code: GEO/CC/TH/401
ENVIRONMENT AND REGIONAL GEOGRAPHY

Time: 2 hrs

Full Marks: 40

The figures in the margin indicate full marks
Answer any four questions selecting one from each Unit

Unit-I: Concepts and Environmental Issues

- 1. How does environmental education help to develop environmental awareness?
Write a note on ecofeminism in the context of environmental conservation. 5+5
- 2. Why are wetlands considered as the kidneys of the cities? Examine how wetlands in Indian cities are adversely affected. 5+5

Unit-II: Environmental Hazards, Pollution and Technology

- 3. What are the key requirements for a disaster-resilient society? Discuss the various ways of capacity building for disaster management. 4+6
- 4. What are the major environmental and human health impacts of soil pollution? What recommendations can be made to reduce soil pollution? 6+4

Unit-III: India-Selected Regional Problems

- 5. Explain how agricultural systems are dependent on water management. Do sustainable agricultural practices ensure food security? 6+4
- 6. Evaluate the success and failure of MGNREGS in augmenting rural development. Write very briefly about JNNURM. 7+3

Unit-IV: Ganga Delta

- 7. Mention the principal geotectonic provinces of the Bengal Basin. How was Rajmahal- Garo Gap formed? 4+6
- 8. Discuss the present hydro-geomorphic conditions of Ganga distributaries in West Bengal. Analyse how reclamation has altered the tidal behavior of Sundarbans. 5+5



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M.A/M.Sc. 4th Semester Examination - 2022

Subject: GEOGRAPHY

Paper Code: GEO/DCE/TH/402A

FLUVIAL GEOMORPHOLOGY -1

Full marks: 40

Time: 2 hours

The figures in the margin indicate full marks

Answer any four questions selecting one from each Unit

Unit- I: Concept and Approaches

1. Elucidate the chorology in the development of fluvial geomorphology. What is 'dynamic metastable equilibrium'? 2+8
2. Explain different types of hydrological components of a drainage basin and their role in form-process interaction. What is channel restoration? 8+2

Unit-II: River Hydrology

3. Elaborate the role of channel hydrological behaviour in the development of channel forms. Distinguish between laminar and turbulent flow. 7+3
4. Establish the relationship between stream power, river bank erosion and sediment yield. What is sediment budget? 8+ 2

Unit-III: Channel Morphology

5. Discuss the major determining factors of stream flow velocity. Illuminate on the morphological characteristics of a braided channel. 4+6
6. Write a note on river engineering. Highlight the various engineering methods which are used by civil engineers in controlling flood vulnerability. 2+8

Unit-IV: Drainage Basin Quantification

7. What is meant by river capture? How does the study the river cross section help to understand the channel evolution? – Explain. 3+7
8. Examine the significance of Digital Elevation Model in drainage basin analysis. Discuss different techniques for analyzing area height relationship. 5+5



DIAMOND HARBOUR WOMEN'S UNIVERSITY
M.A./M.Sc. 4th SEMESTER EXAMINATION 2022

Subject: Geography
Paper: GEO/DCE/TH/402B
GENDER GEOGRAPHY - I

Time: 2 hrs

Full Marks: 40

*The figures in the margin indicate full marks
Answer any four questions selecting one from each Unit*

Unit - I: Introduction to Gender Geography

1. What is gender stereotyping? How does gender stereotyping create discrimination in society? $3+7 = 3+7$
2. Elucidate the traits of third wave of feminism and mention its differences with second wave of feminism. 6+4

Unit - II: Gender and Society

3. Write a note on Laura Mulvey's Male Gaze Theory. Critically analyze whether patriarchy is the latent factor behind the objectification of women in mainstream media. 4+6
4. Discuss the concept of *gendered division of labour* and explain how it adversely affects the prospects of women in society. Write briefly about the biological determinants of gender roles. 7+3

Unit-III: Gender and Economy

5. Why do women participate less than male in labour market? State the reasons for gender-based wage discrimination in labour market. 5+5
6. Discuss the phenomena of *feminisation of poverty* and *feminisation of responsibilities* in detail. What is meant by invisibility of women's work? 7+3

Unit-IV: Gender, Environment and Livelihood

7. Discuss the major reasons for limitations in women's access to land ownership. State the impact of these limitations on their livelihood. 5+5
8. Write a note on the scoring criteria and categories involved with Environment and Gender Index (EGI). Give an account of involvement of women in several environmental movements in India. 6+4

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M.A./M.Sc. 4th SEMESTER EXAMINATION 2022



Subject: Geography

Paper: GEO/DCE/TH/402C

URBAN AND RURAL PLANNING AND DEVELOPMENT-I

Full Marks: 40

Time: 2 hrs

*The figures in the margin indicate full marks
Answer any four questions selecting one from each Unit*

Unit-I: Urban Geography: Concepts and Approaches

1. What are the components of urban space? Discuss the types of urban spaces with suitable examples. 4+6
2. Discuss the relative merits and demerits of Quantitative approaches to urban studies. What do you understand by Urbanism? 7+3

Unit- II: Aspects of Urban Geography

3. What is gentrification? Specify the positive and negative impacts of gentrification. What do you understand by Ecological Footprints? 2+5+3
4. Bring out the major issues of housing of Kolkata with special reference to slum population. What do you mean by urban inflation? 7+3

Unit-III: Urban Governance, Policy and Management

5. Discuss the impact of Constitutional Amendment Act (CAA) on urban local governance in India. What do you know by e-governance? 7+3
6. Give an account of the urban development policies in India since independence. What is AMRUT? 8+2

Unit-IV: Trends of Urbanisation in India

7. Trace the growth of metropolises in Indian urban system. Discuss how urban sprawl creates infrastructural bottlenecks. 6+4
8. "Small town development can solve the different issues of metropolitan development and urban sprawling"-Discuss the statement with suitable examples from India. Distinguish between retrofitting and redevelopment. 7+3