Modules of Classes and Examinations, 2021-22

B.A / B.Sc. (Honours) in Geography

Semester-II

Hiralal Bhakat College, Nalhati

Core Course 3 Human Geography

- Total 75 Marks
- 60 Marks for Semester-end-Examination[#] (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	18.04.2022	18.04.2022
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	1. Nature, scope and recent trends of Human Geography 2. Evolution of humans, concept of race and ethnicity; Major Racial Groups of the world 3. Space, society and cultural regions (language and religion) 4. Evolution of human societies: Hunting and gathering, Pastoral nomadism, Subsistence farming, Industrial and urban societies	1. Nature, scope and recent trends of Human Geography 2. Evolution of humans, concept of race and ethnicity; Major Racial Groups of the world 3. Evolution of human societies: Hunting and gathering, Pastoral nomadism, Subsistence farming, Industrial and urban societies 4. Human - environment relations with special reference to Arctic and hot desert regions 5. Population growth and distribution, population composition; demographic transition model 6. Population–Resource regions 7. Human, population and environment relations with special reference to development– environment conflict 8. Social morphology and rural house types in India

Name of Teacher(s)	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

#Component 3 (C_3)

- Whole Syllabus of CC 3

- 60Marks for Semester-end-Examination (will be organized by University)
- Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks
- Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Core Course 4 Cartograms, Survey and Thematic Mapping

- Total 75 Marks
- 40 Marks(Theory) + 20 Marks (Practical) for Semester-end-Examination# (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	18.04.2022	18.04.2022
Time	12:30-1 p.m	12:30-1 p.m
Syllabus	1. Concepts of Cartograms and Thematic Maps 2. Concept and utility of Isopleths and Choropleth, 3. Concept, utility, and interpretation of :Climograph, Hythergraph and Ergograph 4. Contouring by Dumpy Level and Prismatic Compass	1. Concepts of Cartograms and Thematic Maps 2. Concept and utility of Isopleths and Choropleth, 3. Concept, utility, and interpretation of :Climograph, Hythergraph and Ergograph 4. Preparation and interpretation of demographic charts and diagrams (Age-Sex Pyramid) 5. Concepts of Bearing: magnetic and true, whole-

		circle and reduced 6. Basic concepts of surveying and survey equipments: Abneys Level, Clinometer 7. Representation of data on map by proportional circles, dots and spheres, isolines and Choropleth method. 8. Determination of Height of objects using Transit Theodolite (Accessible and Inaccessible bases)
Name of Teacher(s)	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

#Component 3 (C_3)

- Whole Syllabus of CC 4

- Theory (Cartograms, Survey and Thematic Mapping) = 40 Marks
  Answer 05 questions out of 08 carrying 02 marks each = 05 x 02 = 10 marks
  Answer 02 questions out of 04 carrying 05 marks each = 02 x 05 = 10 marks
  Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

- Practical (Cartographic Techniques and Geological map study) = 20 Marks
  Laboratory Note Book: 05 Marks
  Viva- voce: 05 Marks
  Experiment: 40 Marks (This 40 marks will be transformed into 10 Marks)

- A project File (Laboratory Note Book), comprising one exercise each is to be submitted.

Modules of Classes and Examinations, 2021-22

B.A / B.Sc. (Honours) in Geography

Semester-IV

Hiralal Bhakat College, Nalhati

Core Course 8 Regional Planning And Development

- Total 75 Marks
- 60 Marks for Semester-end-Examination[#] (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	19.04.2022	19.04.2022
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	1. Meaning and Approaches to Economic Geography 2. Concepts in Economic Geography: Goods; Services; Production; Consumption 3. Concept and Classification of Economic Activities 4. Location Theories: Von Thünenand Alfred Weber.	1. Concepts in Economic Geography: Goods; Services; Production; Consumption 2. Factors Influencing Location of Economic Activity and Forces of Agglomeration 3. Location Theories: Von Thünenand Alfred Weber 4. Primary Activities: Subsistence and Commercial Agriculture; Forestry; Fishing 5. Secondary Activities: Manufacturing (Iron and Steel in India and Japan, Petrochemical in India and USA) 6. Tertiary Activities: Types of Trade and Services 7. Agricultural Systems: Tea Plantation in India and Mixed Farming in Europe 8. Highways: Roles in Economic Development of India since 1990s

Name of Teacher(s)	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

[#]Component 3 (C_3)

- Whole Syllabus of CC 8

- 60 Marks for Semester-end-Examination (will be organized by University)
- Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks
- Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Core Course 9 Economic Geography

- Total 75 Marks
- 60 Marks for Semester-end-Examination[#] (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	19.04.2022	19.04.2022
Time	12:30-1 p.m	12:30-1 p.m
Syllabus	1. Meaning and Approaches to Economic Geography 2. Concepts in Economic Geography: Goods; Services; Production; Consumption 3. Concept and Classification of Economic Activities 4. Location Theories: Von Thünenand Alfred Weber	1. Factors Influencing Location of Economic Activity and Forces of Agglomeration 2. Determining Factors of Transport Cost 3. Concept and Classification of Economic Activities 4. Location Theories: Von Thünenand Alfred Weber 5. Primary Activities:

		Subsistence and Commercial Agriculture; Forestry; Fishing 6. Secondary Activities: Manufacturing (Iron and Steel in India and Japan, Petrochemical in India and USA) 7. Tertiary Activities: Types of Trade and Services 8. Agricultural Systems: Tea Plantation in India and Mixed Farming in Europe
Name of Teacher(s)	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

Component 3 (C_3)

- Whole Syllabus of CC 8

- 60 Marks for Semester-end-Examination (will be organized by University)
- Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks
- Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Skill Enhancement Course 2 Advanced Spatial statistical Techniques

- Total 50 Marks
- 40 Marks(Practical) for Semester-end-Examination[#] (will be organized by University)
- 10 Marks for Assignment (will be organized by College in general and Department in Particular)

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	19.04.2022	19.04.2022
Time	1:30-2 p.m	1:30-2 p.m
Syllabus		1. Differences between Spatial and non-

	1. Concept of Probability and Normal Distribution and their Geographical Applications, Skewness (Pearson's Method) 2. Differences between Spatial and non-Spatial data,Nearest Neighbour Analysis	Spatial data,Nearest Neighbour Analysis. 2. Correlation and Regression Analysis, t-test, Spearman's Rank Correlation, Product Moment Correlation; Linear Regression 3.Time Series Analysis; Smoothing time series by Least Square and/or Moving Average Method
Name of Teacher(s)	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	32 (Tentative)	64 (Tentative)

#Component 3 (C_3)

- Whole Syllabus of SEC 2
- Practical (Advanced Spatial statistical Techniques) = 40 Marks
  Answer 03 questions out of 03 carrying 010 marks each = 03 x 10 = 30 marks
  Laboratory Note Book: 05 Marks
  Viva- voce: 05 Marks
- Internal assessment 10

Core Course 10 Environmental Geography

- Total 75 Marks
- 40 Marks(Theory) + 20 Marks (Practical) for Semester-end-Examination# (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- Viva- voce: 05 Marks
- 5 Marks for Attendence
  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	19.04.2022	19.04.2022
Time	2-2:30 p.m	2-2:30 p.m
Syllabus	1. Geographers' Approach to Environmental Studies 2. Changes in Perception of	1. Changes in Perception of Environment in different stages of Human

	Environment in different stages of Human Civilization 3. Ecosystem: Concept, Structure and Functions	Civilization 2. Ecosystem: Concept, Structure and Functions 3. Environmental Degradation and Pollution: Water and Air 4. Environmental Issues related to Agriculture 5. Urban Environmental issues related to Waste Management 6. Concept and Issues related to Bio-diversity
Name of Teacher(s)	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

#Component 3 (C_3)

Whole Syllabus of CC 10

Theory (Environmental Geography) = 40

40 Marks for Semester-end-Examination (will be organized by University)

- Answer 05 questions out of 08 carrying 02 marks each = 05 x 02 = 10 marks
- Answer 02 questions out of 04 carrying 05 marks each = 02 x 05 = 10 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Practical (Environmental Geography) = 20

- Answer 02 questions out of 02 carrying 05 marks each = 05 x 02 = 10 marks
- Laboratory Note Book: 05 Marks
- Viva- voce: 05 Marks

- A project File (Laboratory Note Book), comprising one exercise each is to be submitted.

Modules of Classes and Examinations, 2021-22

B.A / B.Sc. (Honours) in Geography

Semester-VI

Hiralal Bhakat College, Nalhati

Core Course 13 Evolution Of Geographical Thought

- Total 75 Marks
- 60 Marks for Semester-end-Examination[#] (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	20.04.2022	20.04.2022
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	1. Definition, Scope and Content of Geography; Geography as a Spatial Science 2. Geography in Ancient Period: Greek and Roman 3. Development of Geography in Medieval period: Arabian 4. Development of Mapping and Knowledge about the World Regional Geography in the Age of Explorations	1. German School of Thought 2. French School of Thought 3. American School of Thought 4. Indian Contribution to Geography 5. Concept of Determinism, Possibilism and Neo-Determinism 6. Approaches to the study of Geography: Systematic and Regional. 7. Classical Geography in 19th Century: Humboldt, Ritter 8. Quantitative Revolution and its Critique
Teachers	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

[#]Component 3 (C_3)

- Whole Syllabus of CC 13
- 60 Marks for Semester-end-Examination (will be organized by University)

- Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks
- Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Core Course 14: Disaster Management

- Total 75 Marks
- 40 Marks(Theory) + 20 Marks (Practical) for Semester-end-Examination[#] (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- Viva- voce: 05 Marks
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	20.04.2022	20.04.2022
Time	12:30-1 p.m	12:30-1 p.m
Syllabus	1.Classification of hazards and disasters 2. Approaches to hazard study: Risk perception and vulnerability assessment. Hazard paradigms 3. Responses to hazards: Preparedness, trauma and aftermath. Resilience and capacity building 4. Hazards mapping: Data and techniques	1.Earthquake:Factors,vulnerability,consequences and management 2.Landslide:Factors, vulnerability, consequences and management 3. Cyclone: Factors, vulnerability, consequences and management 4. Fire: Factors, vulnerability, consequences and management. 5. Responses to hazards: Preparedness, trauma and aftermath. Resilience and capacity building 6. Hazards mapping: Data and techniques.
Teachers	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number Of Classes	64 (Tentative)	128 (Tentative)

[#]Component 3 (C_3)

Whole Syllabus of CC 14

Theory (Disaster management) = 40

40 Marks for Semester-end-Examination (will be organized by University)

- Answer 05 questions out of 08 carrying 02 marks each = 05 x 02 = 10 marks
- Answer 02 questions out of 04 carrying 05 marks each = 02 x 05 = 10 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Practical (Disaster management project work) = 20

- Answer 02 questions out of 02 carrying 05 marks each = 05 x 02 = 10 marks
- Laboratory Note Book: 05 Marks
- Viva- voce: 05 Marks

- A project File (Laboratory Note Book), comprising one exercise each is to be submitted.

Discipline Specific Elective 3: Resource Geography

- Total 75 Marks
- 60 Marks for Semester-end-Examination[#] (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	20.04.2022	20.04.2022
Time	1:30-2 p.m	1:30-2 p.m
Syllabus	1. Resource Geography: Its Importance and relation with	1. Distribution and Utilisation of Metallic Mineral Resources in Indian Context: Iron ore,

	other sub-disciplines 2. Resource: Concept and Classification 3. Functional Theory of Resource 4. Problems of Resource Depletion with Special Reference to Forest, Water and Fossil Fuels 5. Resource Conservation : Principles and Methods	Bauxite 2. Distribution and Utilisation of Non-Metallic Mineral Resources in Indian Context: Mica, Limestone 3. Distribution, Problems and Management of Energy Resources in Indian Context: Conventional (Coal) and Non-Conventional (Solar) 4. Power resources and problems with reference to Petroleum 5. Contemporary Energy Crisis and Future Scenario 6. Sustainable Resource Development. 7. Resource Conservation : Principles and Methods 8. Concept of 'Limits to Growth'
Teachers	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

#Component 3 (C_3)

- Whole Syllabus of DSE-3
- 60 Marks for Semester-end-Examination (will be organized by University)
- Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks
- Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Discipline Specific Elective 4 Soil And Bio-Geography

- Total 75 Marks
- 60 Marks for Semester-end-Examination# (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular)
- 10 Marks for Assignment
- 5 Marks for Attendence

  Attendence: 50% & above but below 60% - 2 Marks
  Attendence: 60% & above but below 75% - 3 Marks
  Attendence: 75% & above but below 90% - 4 Marks
  Attendence: 90% & Above - 5 Marks

Internal Assessment	**Component 1 (C_1)**	**Component 2 (C_2)**
Weightage	5 Marks	5 Marks
Number of Questions	1	1

Date	20.04.2022	20.04.2022
Time	2-2:30 p.m	2-2:30 p.m
Syllabus	1. Soil: Definition, Factors of Formation 2.Developmentand Characteristics of an ideal Soil Profile 3.Physical and Chemical Properties of Soil with special reference to Texture, Structure, Organic Carbon and pH 4. Concept of Zonal, Azonal and Intrazonal Soil; Formation and Profile Characteristics of Laterite and Podsol 5.Classification of Soil : Russianand Indian (ICAR)	1. Definition and Scope of Bio-geography, Meaning of Biosphere,Ecology, Ecosystem, Environment, Communities, Habitats, Niche,Ecotoneand Biotopes 2. Biosphere and Energy: Laws of Energy Exchange, Food Chain, Food Weband Energy Flow 3.Bio-Geo Chemical Cycle: Carbon, Nitrogen 4. Factors of Plant Growth: Light, Heat, Moisture, Wind, Soil and Topography 5.Biomes Concept and Classification;Tropical Rainforest and Temperate Grassland 6. Threat to Biodiversity- Causes, Consequences and Conservation
Teachers	IM, RIS, ND. BM, CG, BS, SG	IM, RIS, ND. BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

#Component 3 (C_3)

- Whole Syllabus of DSE-4
- 60 Marks for Semester-end-Examination (will be organized by University)
- Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks
- Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Head
Department of Geography
Hiralal Bhakat College
Nalhati, Birbhum

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