

**Modules of Classes and Examinations, 2020-21**

**B.A / B.Sc. (General) in Geography**

**Semester-II**

**Hiralal Bhakat College, Nalhati**

**Core Course 1B/2B - Physical Environment and Surveying.**

- Total 75 Marks
- 40 Marks Theory for Semester-end-Examination# (will be organized by University)
- 20 Marks Of 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 Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	16.04.2020	16.04.2020
Time	12-12.30 pm	12-12.30 pm
Syllabus	1. Elements of weather and climate. Thermal and chemical composition and layering of the atmosphere.  2. Horizontal and vertical distribution of temperature  3. Forms of precipitation and types of rainfall 4. Tropical and Temperate Cyclones, Climatic Classification (Koppen)	1. Definition of soil. Physical and chemical properties of soil (soil texture, colour and pH) 2. Soil forming factors. Soil formation (Podzol and Laterite) 3. Definition of Biosphere and Biogeography. Meaning of Ecology, Ecosystem.Environment, Ecotone, Communities, Habitats and Biotopes. 4. Biomes: Rainforest and Temperate Grassland 5. Definition and classification of surveying 7. Plane table survey by radiation method.
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<sub>3</sub>)

- Whole Syllabus of CC 1B/2B
- Theory (Climatology, Soil and Biogeography) = 40 Marks
  - Answer 05 questions out of 08 carrying 02 marks each =  $05 \times 02 = 10$  marks
  - Answer 02 questions out of 04 carrying 05 marks each =  $02 \times 05 = 10$  marks
  - Answer 02 questions out of 04 carrying 10 marks each =  $02 \times 10 = 20$  marks
- Practical (Surveying and Levelling) = 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, 2020-21

### B.A / B.Sc. (General) in Geography

#### Semester-IV

#### Hiralal Bhakat College, Nalhati

#### Core Course 1D Environmental Geography

- Total 75 Marks
- 40 Marks Theory for Semester-end-Examination# (will be organized by University)
- 20 Marks Of 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 Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

Internal Assessment	Component 1 (C <sub>1</sub> )	Component 2 (C <sub>2</sub> )
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	17.04.2020	17.04.2020
Time	12-12.30 pm	12-12.30 pm
Syllabus	1. Concepts and approaches of Environmental Geography 2. Concept, Structure and Functions of Ecosystem 3. Human-Environment Relationship in Mountain and Coastal Regions 4. Environmental Problems and Management: Air and Water Pollution.	1. Environmental Programmes and Policies: MAB 2. Forest and Wild Life Policy of India 3. Environmental Movements in India: Chipko 4. Wetlands: Ramsar Sites in India. 5. Questionnaire for Air Pollution and Health Perception Survey. 6. Soil Test using Kit : pH and Organic Carbon
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<sub>3</sub>)

- Whole Syllabus of CC 1D
- Theory (Environmental Geography) = 40 Marks
  - Answer 05 questions out of 08 carrying 02 marks each =  $05 \times 02 = 10$  marks
  - Answer 02 questions out of 04 carrying 05 marks each =  $02 \times 05 = 10$  marks
  - Answer 02 questions out of 04 carrying 10 marks each =  $02 \times 10 = 20$  marks
- Practical (Field work) = 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, 2020-21

### B.A / B.Sc. (General) in Geography

#### Semester-VI

#### Hiralal Bhakat College, Nalhati

#### Discipline Specific Elective 1B/2B Disaster Management

- Total 75 Marks
- 40 Marks Theory for Semester-end-Examination<sup>#</sup> (will be organized by University)
- 20 Marks Of Practical for Semester-end-Examination<sup>#</sup> (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 Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	22.04.2020	22.04.2020
Time	12.30-1 pm	12.30-1 pm
Syllabus	1. Meaning and Classification of Hazards and Disasters. 2. Approaches to hazard study: Risk perception and vulnerability assessment. 3. Responses to hazards: Preparedness, trauma and aftermath. Resilience and capacity building. 4. Hazard mapping: Data and techniques.	1. Responses to hazards: Preparedness, trauma and aftermath. Resilience and capacity building. 2. Hazard mapping: Data and techniques. 3. Earthquake: Causes, Consequences and Management 4. Landslide: Causes, Consequences and Management 5. Cyclone: Causes, Consequences and Management 6. Flood: Causes, Consequences and Management
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<sub>3</sub>)

- Whole Syllabus of DSE-1B /2B
- Theory (Disaster Management) = 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 (Field Work) = 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.

**Skill Enhancement Course 4** Collection, Mapping and Interpretation of Pedological Data

- 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 )

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	22.04.2020	22.04.2020
Time	12:30-1 pm	12:30-1 pm
Syllabus	1. Soil Sampling Techniques 2.Representation of Soil Texture Data using Ternary Diagram 3. Estimation of Nitrogen using Soil Kit	1. Representation of Soil Texture Data using Ternary Diagram 2. Estimation of Nitrogen using Soil Kit 3. Estimation of Soil Organic Carbon using Soil Kit 4. Estimation of Soil Ph using Soil Kit 5. Analysis and Mapping pH and Organic Carbon
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<sub>3</sub>)

- Whole Syllabus of SEC 4
- Practical (Collection, Mapping and Interpretation of Pedological Data ) = 40 Marks  
Answer 03 questions out of 03 carrying 10 marks each = 03 x 10 = 30 marks  
Laboratory Note Book: 05 Marks  
Viva- voce: 05 Marks
- Internal assessment 10

Head  
Department of Geography  
Hiralal Bhakat College  
Nalhati, Birbhum

HEAD  
DEPARTMENT OF GEOGRAPHY  
HIRALAL BHAKAT COLLEGE  
NALHATI, BIRBHUM

Principal / TIC  
Hiralal Bhakat College.  
Nalhati, Birbhum Principal / TIC

Teacher-in-Charge  
Hiralal Bhakat College  
Nalhati, Birbhum

