



**Scheme of Examination  
&  
Detailed Syllabus**

**Bachelor of Arts  
(Geography Hon's)  
5<sup>th</sup> Semester**



**AISECT UNIVERSITY**

Matwari Chowk, In front of Gandhi Maidan,  
Hazaribagh (Jharkhand)-825301

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## BACHELOR OF ARTS (B.A. Geography Honors)

Duration : 3 Years (6 Sem.)

Course Eligibility : 12<sup>th</sup> Pass

COURSE STRUCTURE OF BA Hon's V SEMESTER												
Subject Details			Main Examinations				Sessional ***		Credit Distribution			Allot ted Cred its
Subject Code	Subject Name	Tot al Mar ks	Major		Minor		Max Mar ks	Min Mar ks	L	T	P	Subj ect wise Distr ibuti on
			Max Mar ks	Min Mar ks	Max Mar ks	Min Mar ks						
Theory Group												
Honours Paper												
HBHGE 508	Biogeography		50	17	20	08	30	12	3	1	-	4
HBHGE 509	Geography Of India		50	17	20	08	30	12	3	1	-	4
HBHGE 510	Geography Of Jharkhand		50	17	20	08	30	12	3	1	-	4
HBHGE 511	Practical Paper		50	17	20	08	30	12	3	1	-	4
Grand Total		400							12	4	-	16

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**SEMESTER - V**

**HBHGE508 – BIO-GEOGRAPHY**

**Unit-I**

Definition, scope & importance of Bio Geography relation with other sciences, Development of Bio Geography-views of different Geographers; Hydrological cycles.

**Unit-II**

Ecology and Ecosystem; Energy Flow in Ecosystem: Ecological factors of the land and their effect on plants animals; Dispersal of Plant and Animals, Bio-geo-chemical cycles

**Unit-III**

Concept of Biomes, Ecotone, and Community; Forests Biomes, Grassland Biomes, Desert Biomes; National Parks and Sanctuaries in India and Jharkhand.

**Unit-IV**

Climate as determinant of Bio-Resources; Biodiversity-degradation and Sustainable conservation.

**Unit-V**

Factors of soil formation, factors of soil erosion and its conservation, present status of soil in India, Development and management of barren lands in India.

**Reference Book:**

1. Biogeography – Savindra Singh.
2. Biogeography- S.D. Morya.

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**SEMESTER - V**

**HBHGE509 – GEOGRAPHY OF INDIA**

**Unit-I:-**

India; Structure and Physiography, Drainage (Peninsular and Extra Peninsular) Climate and Climatic Regions. Edaphic and Biotic regions of India; Indian Forests and their Economics importance.

**Unit-II:-**

Agriculture systems in India, Cropping patterns in India, divides India into intensive agriculture; Agricultural regions (as per ICAR); Green revolution and its consequences.

**Unit-III:-**

Industries: Cotton, Sugar, Mineral based; Iron and steel, granite industries in Jharkhand. Transport: Surface, water & Air-Foreign Trade.

**Unit-IV:-**

Minerals: Distribution of Iron ore, Bauxite, Manganese, And Atomic Minerals. Power Resources- Coal, Petroleum, wind energy in India,

Region of Geography: Middle Ganga and Lower Ganga, and chhotanagpur Plateau.

**Unit-V:-Studies of Geographical Problems**

Problems of unreliability of rainfall; Problems of soil salinity and its mitigation; Problems of development (Land Acquisition), displacement and rehabilitation; Problems of slum and urban rehabilitation in India.

**Reference Books:**

Geography of India-Dr. Chaturbhuji Memoriya

Geography of India- Dr. Suresh Chand Bansal

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**SEMESTER - V**

**HBHGE510 – GEOGRAPHY OF JHARKHAND**

**Unit-I:-**

Physiography and Relief, Drainage Pattern, Forest Resource and its Economic importance.

**Unit-II:-**

Agriculture: Irrigation-Types and distribution, Major crops- Food Crops; Population growth and distribution: Population composition- Sex, Age, Religious.

**Unit-III:-**

Resources: Natural resources-Soil, Water, Mineral resources: Coal Uranium-Distribution & development, Conventional and Non-conventional energy resources, Major Hydel Power Projects-Thermal Power Plants.

Industries: Location factors-Distribution of Iron and steel, Cement.

**Unit-IV:-**

Educational Development and structure of Education in Jharkhand.

House types of Munda Villages in South Chhotanagpur.

Transport Roads and railways and development of Tourism, Eco-tourism in Jharkhand, Economy and habitats of Santhals, Oraons.

**Unit-V:-**

Social, Economic and Environmental Problems of Jharkhand.

**Reference Books;**

Geography of Jharkhand- Dr. Ram Kumar Tiwari.

Geography of Jharkhand- Bhoopal Mahto.

Practical Geography- J. P. Sharma

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**SEMESTER - V**

**HBHGE511 – PRACTICAL PAPER**

1. Instrumental Survey-i Plain Table Survey-Radiation and Intersection.
2. Prismatic Compass Survey- Open Traverse and Closed Traverse Survey, Allotted area in Jharkhand region.
3. Population Projection of Jharkhand, Ring Diagram for Urban Population, Cube Diagram.
4. Sources of data; classification and Tabulation of data. Measures of central tendency: mean, median and mode, and quartile.
5. Geological Sheet (Minimum 6 sheets).
6. PNB + Viva-Voce.

**Reference Book:**

1. Practical Geography- J. P. Sharma