

# HUMAN GEOGRAPHY

## [THEORY]

### B. A. PART-II

### SEMESTER FOURTH

**Note :**

Question 1 is compulsory and comprises of Ten short answer type questions to be answered in 15-20 words. There will be eight long questions, two from each section. The candidate has to answer one question from each section. All five questions carry equal marks. [For KUK]

**Note :**

There shall be nine questions in all. The candidates have to attempt five questions including Question 1 which is compulsory comprising six short questions to be answered in 15-20 words each. In addition the candidates have to attempt four more questions selecting at least one from each section. All questions carry equal marks. [For MDU]

#### Section - I

1. Nature and scope of Human Geography, Branches of Human Geography, Approaches to the study of Human Geography.
2. Division of Mankind : Spatial distribution of race and tribes of India; concept of men-environment relation : A historical approach.

#### Section - II

3. Human adaptation to the environment : (i) Cold region-Eskimo, (ii) Hot region-Bushman, (iii) Plateau-Gonds, (iv) Mountains-Gujjars.
4. Meaning, nature and components of resources; Classification of resources-renewal and non-renewable; biotic and abiotic; recyclable and non-recyclable.  
Distribution, utilization and conservation of biotic (flora and fauna) and abiotic (water, minerals and energy) resources.

#### Section - III

5. Distribution and density of world population, population growth, fertility and mortality patterns.
6. Concept of over, under and optimum population; Population theories : Malthus, Ricardo and Marx.

#### Section - IV

7. Rural settlements : Meaning, classification and types. Urban settlements : Origin, classification and functions of towns.
8. Population pressure, resource use and environment degradation; sustainable development, concept of deforestation, soil erosion, air and water pollution.

# SYLLABUS

B.A. III [Semester 5th]

Paper 301 Economic Geography

Time: 3 Hours

	KUK	MDU
Internal Assessment Marks :	20	15
External Assessment Marks :	50	60
Maximum Marks :	70	75

*Note: Question 1 is compulsory and comprises of ten short answer type questions to be answered in 15-20 words. There will be eight long questions, two from each section. The candidate has to answer one question from each section. All five questions carry equal marks.*

[For K.U.K. Students]

*Note: There shall be nine questions in all. The candidates have to attempt five questions including question 1 which is compulsory comprising six short questions to be answered in 15-20 words each. In addition the candidates have to attempt four more questions selecting at least one from each section. All questions carry equal marks.*

[For M.D.U. Students]

## Section A

1. Nature, scope and relationship of economic geography with economics and other branches of social sciences.
2. Classification of economic activities and their impact on environment.

## Section B

3. World natural resources : Types, bases and classification.
4. Conservation and utilization of natural resources.

## Section C

5. Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee).
6. Classification of mineral resources (ferrous and non-ferrous), distribution and production of coal, iron ore, petroleum and natural gas.

## Section D

7. Classification of industries, world distribution and production of iron and steel and textile industry, major industrial complexes of the world.
8. Transport, communication and trade : geographical factors in their development, major modes of water, land and air transport, recent trends in international trade.

PAPER 103  
PHYSICAL GEOGRAPHY – I

[SEMESTER-IIInd]

*Note: Question 1 is compulsory and comprises of Ten short questions to be answered in 15-20 words. There will be eight long questions, two from each section. The candidate has to answer one question from each section. All five questions carry equal marks.* [For K.U.K.]

*Note: There shall be nine questions in all. The candidates have to attempt five questions including Question 1 which is compulsory comprising six short questions to be answered in 15-20 words each. In addition the candidates have to attempt four more questions selecting at least one from each section. All questions carry equal marks.* [For M.D.U.]

**Section – A**

1. Definition, Nature, scope and fields of Physical Geography.
2. Interior of the earth, Geological time scale and rocks.

**Section – B**

3. Earth movements; organic, eperogenic, earthquakes and volcanoes.
4. Theory of Isostasy; Wegner's theory of continental drift and Plate tectonic theory.

**Section – C**

5. Weathering : causes and its types.
6. Mass-movements : causes, its types and impacts.

**Section – D**

7. Concept of cycle of erosion; cycle of erosion by W.M.Davis and
8. Process of Wind, River, Underground water, Glaciers and Sea waves.

# GEOGRAPHY (PASS COURSE)

## SEMESTER FIRST

### B.A. PART -II

#### PHYSICAL GEOGRAPHY-II

Internal Assessment : 20

Maximum Marks : 70

External Assessment Marks : 50

Time : 3 Hours

#### **Note :**

Question 1 is compulsory and comprises of six short answer type questions to be answered in 15-20 words. There will be eight long questions, two from each section. The candidate has to answer one question from each section. All five questions carry equal marks.

#### **Section-A**

1. Weather and Climate; Origin, composition and structure of atmosphere.
2. Insolation, Global heat budget, Horizontal and vertical distribution of temperature, inversion of temperature.

#### **Section-B**

3. Atmospheric pressure-measurement and distribution, pressure belts, planetary winds, Monsoon, Jet Streams EL-NINO-La Nina Phenomenon and Local winds.
4. Humidity-measurement and variables, evaporation, condensation, precipitation forms and types and distribution, hydrological cycle.

#### **Section-C**

5. Air masses - concept and classification; Fronts- type and characteristics, Weather disturbances-tropical and extra-tropical cyclones.
6. Climate classification by Koppen; climatic change and global warming.

#### **Section-D**

7. Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian Oceans; temperature and salinity of oceans.
8. Tides, waves and oceanic currents; circulation in Pacific, Atlantic and Indian Oceans; Oceanic resources.

[THEORY]  
B.A. Part-III [Semester-VI]

**Note:**

Question 1 is compulsory and comprises of Ten short answer type questions to be answered in 15-20 words. There will be eight long questions, two from each section. The candidates has to answer one question from each section. All five questions carry equal marks. [For K.U.K.]

**Note:**

There shall be nine questions in all. The candidates have to attempt five questions including Question 1 which is compulsory comprising six short questions to be answered in 15-20 words each. In addition the candidates have to attempt four more questions selecting at least one from each section. All questions carry equal marks. [For M.D.U.]

**Section-A**

1. Introduction to Aerial Photographs : their advantages and types.
2. Elements of Aerial Photo Interpretation.

**Section-B**

3. Introduction to Remote Sensing : Electromagnetic spectrum, stages in remote sensing, type of satellites.
4. Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.

**Section-C**

5. Introduction to Geographical Information System : Definition, purpose, advantages and software and hardware requirements.
6. Application of GIS in various fields of geography.

**Section-D**

7. Measure of Central Tendency : Mean, Median and Mode.
8. Measure of Dispersion : Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation.

# SYLLABUS

## Paper 101 : Geography of India

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*Note:* There shall be nine questions in all. The candidates have to attempt five questions including Question 1 which is compulsory comprising six short questions to be answered in 15-20 words each. In addition the candidates have to attempt four more questions selecting at least one from each section. All questions carry equal marks. [For M.D.U. Students]

### Section-A

1. India : Location, relief structure and drainage systems.
2. Climate, soils, natural vegetation and natural disasters in India.

### Section-B

3. Population : distribution, density, growth and composition.
4. Migration, human settlement types and levels of urbanization.

### Section-C

5. Land resources, irrigation, regional variations in cropping pattern, Green revolution and problems of Indian agriculture.
6. Energy and mineral resources : coal, petroleum, hydroelectricity and nuclear energy, iron ore, manganese and mica.

### Section-D

7. Industries—iron and steel, cotton textile, sugar and petrochemical industries; and industrial regions of India.
8. Modes of transport and communication, international trade, changing pattern of export and import.