

Semester-I
Core Course – Paper- II
HUMAN GEOGRAPHY (Theory)

TOTAL MARKS – 100

Theory – 70
Practical-30

Unit-1: Human Geography: Nature and Scope.

Racial division and distribution: Linguistic distribution of the world.
Concept of Cultural Diffusion and its Processes, Cultural Hearth and Cultural Realm.

Unit-2: Population: Population Growth, Distribution and Density; Population Composition: Age-Sex; Demographic Transition Theory; Population- Resource Relationship; Migration-Immigration and Emigration.

Unit-3: Settlement: Types and Patterns of Rural Settlement; Classification of urban settlement based on size and functions.

Central Business District- Internal Structure of CBD
Trends and Pattern of world urbanization.

Unit-4: Environmental influence on rural house building with reference to India

Urbanization of India and its silent features.
Concept of Metropolis and Metropolitan Areas
Indian Mega Cities
Problem of Towns and Cities in India.

References

1. Chanda R. C.: Geography of population, Kalyani Publishers, Chennai, Kolkata.
2. Ray Chaudhuri Jayasri (2009): An Introduction to Development and Regional Planning, Orient BlackSwan.
3. Ghosh Sumita. (2007): Introduction to Settlement Geography, Orient BlackSwan.
4. Mandal R.B (2001): Introduction to Rural Settlement, Concept Publishing Company, New Delhi.
5. Mandal R.B (2000): Urban Geography, Concept Publishing Company, New Delhi.
6. SenJyotirmoy (1998): Janabasati Bhugol, Paschimbanga Rajya Pustak Parsad.
7. Husain Majid (2002): Human Geography, Rawat Publication, New Delhi.
8. SenJyotirmoy (2012): Manabio Bhugol, Amar Pustakalaya, Kolkata.
9. SenJyotirmoy (2010): Janasankha Bhugol, Books and Allaid Lit, Kolkata.
10. Pradhan Nityananda, Bhattacharya Dyutiman (2004): Adhunik Bhugol, Naboday Publication, Kolkata.

Practical

Morphometric Technique and Topographical Maps

1. Concept of Topographical Sheet numbering. . 8
2. Interpretation of Topographical Maps (Plateau SOI Maps)
3. Morphometric Technique: 7
 - (a) Average Slope-after went worth
 - (b) Relative Relief
 - (c) Dissection Index
 - (d) Construction of Profile: Super imposed, composite and Projected
 - (e) Drainage Density
 - (f) Transect Chart

Lab note book and Viva-voce 5

Internal Assessment: 10

References

1. Mitra Kalpana, Ghosh Kuntala and Das Maitreyee (2006): B.A. Honours Practical Geography, Kalyani Publishers, Kolkata.
2. Mitra Kalpana, Ghosh Kuntala and Das Maitreyee (2006): B.A. General Practical Geography, Kalyani Publishers, Kolkata.
3. Bandhopadhyaya Tarun Kumar, Sil Ajit Kumar (2004): Beboharik Bhugol Parichaya, Chhaya Prakasoni.
4. Sarkar Asish (1998): Practical Geography – A Systematic Approach, Orient Longman.
5. Singh Rana P.B, Singh. R. L (2002), Elements of Practical Geography, Kalyani Publishers, New Delhi.
6. Hazra Yudhisthir and Das Dulal (2007): Snatak Beboharik Bhugol, Chhaya Prakasoni.

Semester-I
Core Course – Paper- I
Geomorphology (Theory)

TOTAL MARKS – 100

Theory – 70
Practical-30

Unit 1: Geomorphology: Nature and Space.

Earth: Interior Structure; Rocks: Types.

Concept of Isostasy: Views of Airy and Pratt; Global isostatic adjustment

Unit 2: Earth Movement: Plate tectonics, Types of folds and faults and their associated landforms, Earthquake and volcanoes.

Concept of processes: Weathering, Mass wasting.

Unit 3: Fundamental concept in Geomorphology, Concept of slope development- Davis, Penck and King.

Geomorphic Processes: Fluvial, Glacial, Aeolian, Karst and Coastal.

Unit 4: Evolution of Landforms- erosional and depositional: Fluvial, Karst, Aeolian, Glacial and Coastal.

Drainage Development in Folded and Uniclinal structure.

Internal assessment: 10

References:

1. Dayal, P. (2011), *A textbook of Geomorphology*, Rajesh Publication, New Delhi.
2. Singh, Savindra (1997), *Physical Geography*, Prayag Pustak Bhawan, Allahabad.
3. Singh, Savindra (2009), *Geomorphology*, Prayag Pustak Bhawan, Allahabad.
4. Ahamed, Enayat (2001), *Geomorphology*, Kalyani Publishers, Kolkata.
5. Ahmed, Enayat (1989), *Physical Geography*, Kalyani Publishers, New Delhi.
6. Monkhouse, F. J, *Principles of Physical Geography*, University of London Press Ltd.
7. Morgan, R. S. and Wooldridge S. W. (1998), *An outline of Geomorphology*, Orient Longman.
8. Thornbury, W. D, *Principles of Geomorphology*, 2nd Edition, Wiley Eastern Ltd., New Delhi.

Practical

Cartographic Technique

1. **Scale:** Concept of Scale, R. F.
2. **Application of Scale:** Graphical Representation of Linear Scale, Diagonal Scale and Vernier Scale. 5
1. **Map Projection:** Concept (Properties, uses and limitation) and construction with maps 10
 - a. Polar Zenithal Stereographic
 - b. Bonne's Projection.
 - c. Gnomonic Projection.
 - d. Mercator's Projection.
 - e. Lab note book and viva-voce.
2. Lab notebook and viva-voce. 5

PROGRAMME STRUCTURE

Structure of Proposed CBCS Syllabus BA/BSc/B.Com Honours

Semester	Core Course (14) Honours	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Elective (DSE) (4)	Generic Elective (GE) (4)
1	C1 C2	AECC1: Environmental Science			GE1 (Paper-I of selected subject other than Hons subject)
2	C3 C4	AECC2 : (English/MIL (Communication)			GE2 (Paper-II of selected subject other than Hons subject)
3	C5 C6 C7		SEC1		GE3 (Paper-III of selected subject other than Hons subject)
4	C8 C9 C10		SEC2		GE4 (Paper-IV of selected subject other than Hons subject)
5	C11 C12			DSE1 DSE2	
6	C13 C14			DSE3 DSE4	