

BHARATHIAR UNIVERSITY,COIMBATORE-641 046
B.Sc. GEOGRAPHY (CBCS PATTERN)

(For the students admitted during the academic year 2016-2017 and onwards)

SCHEME OF EXAMINATIONS

Part	Study Components	Course Title	Ins. hrs / week	Exam				Credit
				Dur.Hrs.	CIA	Marks	Total Marks	
Semester I								
I	Language-I		6	3	25	75	100	4
II	English-I		6	3	25	75	100	4
III	Core I – Fundamentals of Geomorphology-I		5	3	25	75	100	4
III	Core II – Geography of India		5	3	25	75	100	4
III	Allied Paper I Statistics For Geography-I		6	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
Semester II								
I	Language-II		6	3	25	75	100	4
II	English-II		6	3	25	75	100	4
III	Core III – Fundamentals of Geomorphology-II		5	3	25	75	100	4
III	Core IV – Basics of Map Making - Practical		5	3	40	60	100	4
III	Allied Paper II Statistics For Geography-II		6	3	25	75	100	4
IV	Value Education - Human Rights #		2	3	-	50	50	2
Semester III								
I	Language-III		6	3	25	75	100	4
II	English-III		6	3	25	75	100	4
III	Core V – Climatology		4	3	25	75	100	4
III	Core VI – Population & Settlement		4	3	25	75	100	4
III	Allied : III - Elements of Cartography		5	3	25	75	100	4
IV	Skill Based Subject - Basics in Computers		3	3	20	55	75	3
IV	Tamil @ / Advanced Tamil# (OR) Non-major elective - I (Yoga for Human Excellence)# / Women's Rights#		2	3	50	50	50	2

Semester IV							
I	Language-IV	6	3	25	75	100	4
II	English-IV	6	3	25	75	100	4
III	Core VII – Oceanography	4	3	25	75	100	4
III	Core VIII – Practical – Map Interpretation and Representation of Climatic Data	4	3	40	60	100	4
III	Allied : IV Cartography Practical	5	3	40	60	100	4
IV	Skill Based Subject - Basics of GIS & GPS	3	3	20	55	75	3
IV	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness#)	2	3	50		50	2
Semester V							
III	Core IX – Geography of Natural Regions of The World	6	3	25	75	100	4
III	Core X – Geography of Tamilnadu	6	3	20	55	75	3
III	Core XI – Geography of Resources-I	6	3	25	75	100	4
III	Core XII – Remote Sensing and its Applications in Geography	5	3	25	75	100	4
III	Elective –I	4	3	25	75	100	4
IV	Skill based Subject - Computer Applications in Geography	3	3	20	55	75	3
Semester VI							
III	Core XIII – Geography of Resources-II	6	3	25	75	100	4
III	Core XIV - Environmental Studies and Management	6	3	20	55	75	3
III	Core XV – Surveying & Interpretation of Aerial Photos and Satellite Images : Practical	5	3	40	60	100	4
III	Elective –II	5	3	25	75	100	4
III	Elective - III	5	3	25	75	100	4
IV	Skill based Subject – Geography of Tourism	3	3	20	55	75	3
V	Extension Activities @	-	-	50	-	50	2
Total						3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

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List of Elective papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Urban Geography
	B	Natural Disasters and Management
	C	Bio Geography
Elective – II	A	Political Geography
	B	Geography of USA
	C	Regional Geography of Middle East
Elective - III	A	Regional Geography of South East Asia
	B	Geography of Japan
	C	Medical Geography

Note : The revised syllabus for the following papers furnished below be followed and there is no change in the existing scheme of examination and syllabi of remaining papers.

SEMESTER – I
CORE PAPER – I
FUNDAMENTALS OF GEOMORPHOLOGY-I

UNIT I

Meaning of Geography – Branches of Geography – Nature and Scope of Geomorphology – Origin of Earth and Related Theories – Geological Time Scale - Interior of Earth.

UNIT II

Origin of Continents and Oceans – Wegner’s Continental Drift Theory evidences– Plate Tectonics- rift valleys – seafloor spreading..

UNIT III

Earthquakes and Volcanoes : Definition, Causes, types – Distribution and effects.

UNIT IV

Earth movements-- Endogenic & Exogenic – Diastrophism – Folds – Faults: Types.

UNIT V

Rocks – Types – Igneous, Sedimentary and Metamorphic.

BOOKS FOR REFERENCE:

1. Arthur N. Strahler (1989), Physical Geography, Prentice Hall, New Jersey, U.S.A.
2. Worcester Phillip G.(1972), A Text Book of Geomorphology, East West Edition.
3. Woobridge & Morgan, An Outline of Geomorphology, Longman, London.
4. Monkhouse F.J. (1976) Principles of Physical Geography, Hodder & Stroughton, London.
5. Thornbury W.D. (1969), Principles of Geomorphology, Jhon Willey and Sons, New York.

SEMESTER VI
CORE XV

**SURVEY & INTERPRETION OF AERIAL PHOTOS AND
SATELLITE IMAGES - PRACTICAL**

UNIT I

Land Surveying: Chain Surveying:-Open and closed Traverse, Prismatic Compass:- Open and closed Traverse, Plane table Surveying.

UNIT II

Height Measurement & Leveling : Indian Clinometer : Accessible and Inaccessible bases, Abney level base : Accessible and Inaccessible, Dumpy level; Level difference and height measurement.

UNIT III

Air photo interpretation : Stereoscopic vision and interpretation of air photos-use of elements of photo interpretation.

UNIT IV

Satellite image interpretation :- Interpretation of Single band and Multiband data, True Colour and False Colour composites.

UNIT V

RECORD

BOOKS FOR STUDY

Regunandan Singh & Kamujia – Map work and practical Geography – Central book Debot – Allahabad.

R.L. Singh – Elements of Practical Geography – Kalyani publishers – New Delhi.

Bygott, Map work and practical Geography – University Tutorial press – London.

T.W.Buch – Maps – Topographical and Statistical – Oxford Lavender Press, London.