

B.A./B.Sc Part-I

GEOGRAPHY

Note: There will be two theory papers of 3 hours duration carrying 75 marks each, and a practical paper of 06 hours duration of 50 marks. Candidates will have to pass in theory and practical separately.

New Examination Scheme 2015:

Part	Total No. Q.	Marks each Q.	Total Marks
A	10	1	10
B	5	7	35
C	3	10	30
		Total	75

Theory - Max. Marks: 75 Min marks: 27

Practical- Max. Marks: 50 Min marks: 18

PAPER I

PHYSICAL BASIS OF GEOGRAPHY

Max. Marks: 75

Unit 1 : Origin of the earth; Interior of the earth; Theory of Isostasy ; Earth movement : Folds and faults (their types only); Rocks and their classification

Unit 2 : Earthquake and Volcanoes; Major landforms: Mountains, plains, Plateaus and Lakes

Unit 3 : Weathering and Denudation: Normal cycle of erosion; \Work of rivers, glaciers, ground water and winds

Unit 4: Atmosphere: Composition and Structure; Insolation and Temperature; Atmospheric Pressure and Winds, Humidity and Precipitation; Cyclones

Unit 5 : Hydrosphere: Temperature of ocean water ; Salinity of Ocean ; Ocean Deposits; Configuration; Tides and currents

BOOKS RECOMMEDED

Monkhouse, F.j. : Principles of physical Geography, Hodder sloughtpn, London, 1984

Sing, S. : Bhu-Arti Vigyan, Tara Publications, Varanasi, 1976

Daya, P. Bhu-Arti Vigan, Shukla Book Depot, Patna 1982

Agarwal, K.M.L. : Bhutik Bhugol, Sahitya Bhawan, Agra, 1988

Tikha, R.N. : Bhautik Bhugol, kedarnath Ramnath, Meerut, 1980

Dubey, R.N. : Bhautik Bhugol ke Adhar, Kitab mahal, Allahabad, 1980

Mamoria, C.B. and Nyati, J.N. : Bhuss-Vigyan, Shib lal agarwal & co. , Agra,1983

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PAPER II

GEOGRAPHY OF INDIA

Max. Marks : 75

Unit 1 : A study of India with reference to its Physiography, Drainage, Climate and Climate divisions; Soils and their problems; Natural vegetation: types and distribution; Forest resources and their conservation

Unit 2 : Principal Minerals :Iron ore, Manganese, Mica; Power resources: Coal, Petroleum and Hydroelectric; Major Industries: Iron and Steel, Cotton Textile, Sugar, Cement, Pulp and Paper

Unit 3 : Agriculture : Main characteristics and problem of Indian agriculture; Principal agriculture crops: wheat, rice, sugarcane, tea and cotton; Irrigation-irrigation sources, their distribution and major Irrigation Project of India: Bhakra Nangal Project, Damodar Valley corporation

Unit 4 : Population : Growth, Distribution and Density; Transport: Rail, Road, Water and Airways; India's foreign trade composition and trends

Unit 5 : Regional Geography of Kashmir valley, Chhota Nagpur Plateau, Malabar Coastal region and Middle Ganga Plain

RECOMMENDED READINGS

Cakly] ,l- lh- Hkkjr dk Hkwksy] ehuk{kh izdk'ku] esjB] 1985

Chauhan, V.S. : Bharat Vistrit Bhugol, Rastogi & Co., Meerut, 1985

Chaudhuri, M.R. : An Economic Geography of India, Oxford And IBH, Calcutta

Das, gupta and Kapur : Bharat va Pakistan ka Arthik va Vanijya Bhugol, Premier Publishing, Delhi

Dubey, R.N. : Bharat ka Arthik Bhugol, Kitab Mahal, Allahabad

Jain, P. ; Bharat Mahan, Agra book store, Agra

Mamoria, C.B. : Bharat ka Bhugol, Sahitya Bhawan, Agra, 1988

Publications Division, Government of India Year Book, 1998

Singh, B. : Bharat ka Bhugol, Rajsthan Hindi Granth Academy, Jaipur

Sharma, T.C. and Coutinho, O. : Economic And Commercial Geography of India, Vikas
Pub.House New Delhi, 1987

Singh. R.L. (ed.) : India A Regional Geography, National Geographical Society of India,
Varanasi, 1981

Singh, U. : Bharat Ka Nawin Arithik Bhugol, Students, Friends, Varanasi

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GEOGRAPHY PRACTICAL

SCHEME

Four Practical Periods per week per group of 20 students

Max. Marks : 50

Min marks : 18

Duration : 6 Hrs.

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|-----------------------------|------------|----------------|
| 1. Lab Work (Written paper) | : 02 Hours | 21 Marks |
| 2. Record Work & Viva | : 02 Hours | 9+5 = 14 Marks |
| 3. Field Survey & Viva Voce | : 02 Hours | 10+5=15 Marks |

Total Marks: 50 Marks

Note: Each Candidate is required to complete at least Twenty Exercise in the Record Book.

1. Scales: Plain, Comparative, Time and Diagonal; Methods of enlargement and reduction of maps with square methods
2. Knowledge and use of meteorological instruments: Maximum and Minimum Thermometer, Thermograph, Stevenson's Screen, Aneroid Barometer, Barograph, Rain Gauge , Windvane, Anemometer, Dry and Wet Bulb Thermometer; Study and Interpretation of Indian weather maps (January and July)
3. Climatic graphs showing (i) Maximum, Minimum and Mean Temperature (ii) Monthly rainfall (iii) Monthly temperatures, rainfall and relative humidity (iv) Rainfall Variability (v) Histogram of Rainfall (vi) Hythergraph (vii) Climograph and (viii) Wind rose diagram
4. Chain and Tape Survey

RECOMMENDED READINGS

Singh, R.L. : Elements of practical geography, Students friends Varansi, 1987
Sing, R. and kanaujia, E.R.S. : Map work and practica
Gepgraphy, Center Book Depot. Allabad.
Monkhuous, F.J and Wilkinos, H.R. : Map ana Diagrams, Methuen,
London 1994
Robison, A.H. : Elements of Cartography, John Willey & Sons, New York.

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