

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-I

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-I, Physical Geography – I (Geomorphology)

UNIT – I

Nature, scope and development of Physical Geography, Geological History of the Earth; Earth Interior, Rocks, Origin of Continents and Oceans; Continental Drift Theory, Plate Tectonics; Concept of Isostasy, Views of Airy & Pratt, Joly and Holmes.

UNIT – II

Earth movements: Epeirogenic and orogenic; mountain building theories: Kober, Jeffreys, Daly and Holmes, Plate tectonics;

UNIT – III

Denudation, cycle of erosion; views of W.M. Davis and Penck.

UNIT – IV

Erosional and depositional topographies: river, under groundwater, glacier, wind oceanic waves.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-I

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M.

Paper-II, Human Geography

UNIT - I

Introduction of Human Geography: Meaning, Definition, Nature, Scope and importance, Branches of Human Geography and its Relation with other Social Sciences.

UNIT-II

Principles of Human Geography, A Essential elements of Human Geography: Brunhes and Huntington, Approaches to Human Geography.

UNIT-III

Environmental determinism, Possibilism, Stop and Go Determinism, Contribution of various scholars, Fredrick Ratzel, Miss Ellen Sample, Vidal dela Blache & Huntington.

UNIT-IV

Races of mankind, Distribution and Characteristics, Early Civilizations, Gangatic, Egyptian and Tigris, Euphatis, Centres of Human Civilization.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-I

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-III, Economics Geography

UNIT-I

Changing Scope of Economic Geography, Study of the Geographical Factors affecting consumption, Production and Distribution of Principal Raw Materials and Food Stuffs.

UNIT-II

Utilization of Natural Resources and Conservation, Forest, Fissure, Water, Soil & Management.

UNIT-III

Agricultural types and Agricultural Production of the world, Irrigation systems.

UNIT-IV

Important minerals and their distribution iron, Copper, Aluminium, Urenium, Coal and Petroleum.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-I

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each	=40M.
Total Marks of End Semester Exam = 50M.	
Internal Assessment (CIA) = 20M.	
Maximum Marks each Semester per paper = 70M.	
Minimum Marks = 28M	

Paper – IV Geography of Rajasthan-I (Physical and Cultural Aspects)

UNIT-I

Geological structure, Physiographic division of Rajasthan : Western sandy plain, Aravali range, Eastern plains, Hadoti plateau. Climate : Climatic condition in Rajasthan, Climatic regions of Rajasthan. Drought and Famine in Rajasthan, Government programmes to deal with them. Rivers of Rajasthan: Arabian sea drainage system, Bay of Bengal drainage system, Lakes of Rajasthan-Sweet water lakes, Salty lakes, water resource availability, problems and conservation of water.

UNIT-II

Soil: Classification and distribution of soils in Rajasthan, soil erosion and soil conservation, Desertification. Desert development programme. Aravali Hill Development Programme. Introduction, Factors affecting vegetation : Physical, Climatic, Biotic, Types of natural vegetation, Forest depletion and their conservation, Government steps for improvement, Programmes for their development.

UNIT-III

Factors affecting population, Growth, Distribution and Density of population in Rajasthan, qualitative and quantitative aspects of population, Schedule tribe and Schedule cast, Population Problems and appraise. Introduction, factors affecting the Site and Situation of settlements, types of settlements. Rural and Urban settlements and their pattern. Building materials

UNIT-IV

Tribes of Rajasthan: Meena, Bhils, Garasia ,their problems, Programmes for their development. Regional planning approach-Regional developments, developed regions, schemes of development, problems.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-I

MARKS (EXTERNAL) : 75

MARKS (INTERNAL) : 45

MINI MARKS : 48

PRACTICALS

Nature and scope of Cartography, Classification of Maps, Scales (plain, diagonal, comparative, venire). Methods of showing relief: hachures, hill shading, contours. Profiles and their use in landform.

Enlargement and reduction of maps, use of pantograph, representation of temperature, and rainfall data, use of line and bar graphs, isotherms, isobars and isohytes, climograph, hythergraph and climatograph.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-II

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each	=40M.
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M.

Paper-I, Physical Geography – II (Climatology & Oceanography)

UNIT – I

Composition and Structure of the Atmosphere, Insolation, Air temperature, Air pressure, Pressure belts and planetary winds, Monsoon and local winds, Humidity, Classification of winds and precipitation.

UNIT – II

Air masses, fronts, cyclones: Tropical and Temperate, Classification of world climates: Koppen and Thorthwaite, general climatic classification.

UNIT – III

Oceem bottam : Pacific, Atlantic and Indian oceans, Ocean Deposits, Horizontal and vertical temperature of oceans, Oceanic salinity, Tides, oceanic waves and currents.

UNIT – IV

Coral reefs and their origin: Views of Darwin and Dana, W.M. Davis, Murray, Classification of marine resources

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-II

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M.

Paper – II, Human Geography – II

UNIT – I

Human Life and Adaptation of changing environment - Eskimo, Pygmy, Bushmen, Khirgiz, Naga, Bhil, Gonds and Santhal.

UNIT – II

Building Materials and House types, Types and Patterns of Rural & Urban settlement.

UNIT – III

Internal structure of cities, Transport foci and centers of specialized services, Principal Human, occupation.

UNIT – IV

Principal Agglomerations, their ecological and distributional aspects, trends of urbanization, movement of mankind: Definition, types, causes and effects in past.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-II

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-III, Theories of Economic Geography

UNIT – I

Simple model of Economy, Spatial Structure of Economy, Environmental relations of the economic activities.

UNIT – II

Manufacturing factors of Production : Theories of plant locations, Weber's least cost theory, Losches Economics of location, Isard's space economy, Smith's Spatial Margins.

UNIT – III

Industrial region of the world, Major Manufacturing Industries and their localisation, Iron and Textile and Chemical.

UNIT – IV

Study of Economic Region's - Damodar Valley, Hoogly and Ruhar, World Trade and Transport, Trade and Trade Routes - Sea, Air and Pipe lines.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-II

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each =05M.

Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each =05M.

Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.

Total Marks of End Semester Exam = 50M.

Internal Assessment (CIA) = 20M.

Maximum Marks each Semester per paper = 70M.

Minimum Marks = 28M

Geography of Rajasthan-II (Economic Aspects)

UNIT-I

Introduction, Distribution and density of Livestock, Breeds of Cattle, Sheep, Goats, Camels, Poultry, Dairy Development projects in Rajasthan.

UNIT-II

Irrigation development: Water Resources: Sources of irrigation in Rajasthan, Irrigational Projects : Detailed study of Indira Gandhi Canal Project, Chambal Project, Mahi Bajaj Sagar Project and minor projects. Impacts of these projects on physical and socio-economic aspects.

UNIT-III

Land use, Dry farming, Major crops-Bajra, Wheat, Guar, Gram, Jowar, Maize, Barley, Rice. Cash crops: Sugar cane, Cotton, Oil seeds, Groundnut, Tobacco, Spices, Agricultural Regions of the State, Problems of Agriculture development. Metallic : Iron-ore, Zinc, Manganese, Lead, Silver, Copper, Tungston, Non Metallic: Gypsum, Mica, feldspar , Asbestos, Silica, Quartz, Manganese, China clay, Fire clay, Dolomite, Emeralds.

UNIT-IV

Industries : Textile, Sugar, cement, marble and granite, fertilizer, zinc, and copper smelting Conventional sources of energy: Coal, Petrol, Natural gas, Hydro-electricity Non-Conventional sources of energy Problems and Measures. Trade and Transport Pattern of Rajasthan. Development of tourism.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-II

MARKS (EXTERNAL) : 75

MARKS (INTERNAL) : 45

MINI MARKS : 48

PRACTICALS

Use and Interpretation of Weather Maps of India (July and January), Weather Symbols, Weather Instruments.

Prismatic Compass survey: Equipments, methods of measurement of bearings, correction of angles, record of survey, closing error and its corrections.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-III

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper- I : Introduction to Political Geography

UNIT-I

Meaning, nature, scope and subject matter of Political Geography, Political Geography and Critical Geopolitics,

UNIT-II

Approaches to the study of Political Geography, Morphological, Functional and united field theory, Role of Physical, Demographic, Economic, Socio-cultural and historical factors in the emergence of states.

UNIT-III

State as a politico-territorial Phenomenon: Changing nature of location, size and shape in Political Geography of States.

UNIT-IV

Political and Administrative framework and its hierarchical relationship to unitary and federal forms of governance.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-III

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each	=40M.
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper II: Cultural Geography-I

UNIT-I

Definition, components of cultural evolution and branches of cultural geography, Cultural realms convergence and divergence process, cultural diversity in world.

UNIT-II

Evolution of Man and rise and dominance of Homosapiens, their pattern of spread over the globe, primary race's and their relationship with surrounding environment, landscape ecology.

UNIT-III

Evolution of civilization: with special reference to Mesopotamian, Nile, Indus and Hwang-ho.

UNIT-IV

Valley civilization, Indus valley civilization- development, growth, expansion, organization and causes for its downfall.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-III

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each	=40M.
Total Marks of End Semester Exam = 50M.	
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper III: Fundamentals of Biogeography-I

UNIT-I

Definition, scope and significance of bio-geography, basic ecological principles'
- bioenergy, cycle in the terrestrial ecosystem and energy budget of the earth.

UNIT-II

Trophic and food chain, Drawin's theory of evolution, Concept of biome and community.

UNIT-III

Origin of fauna and flora: geographical distribution, major genecentres .

UNIT-IV

Domestication plants and animals and their dispersal, distribution of plant life on the earth and its relation soil and soil types, climates and human practices, geographical distribution of animal life on the earth and its relations to soil, vegetation types, climates and human practices

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-III

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper IV : Statistical Methods in Geography-I

UNIT-I

Sources of data, Methods of data Collection, Processing, analysis and results.

UNIT-II

Questionnaire and schedule, frequency distributions, characteristics of frequency distribution.

UNIT-III

Number of classes, Class-interval, Graphical representation data - histograms, frequency polygon; frequency curve and cumulative frequency curve (ogive).

UNIT-IV

Measures of central tendency - median, mode, arithmetic mean and geometric mean, measure of variations of dispersion - crude range, quartile deviation, standard deviation, Coefficient of variation.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-III

MARKS (EXTERNAL) : 75

MARKS (INTERNAL) : 45

MINI MARKS : 48

PRACTICAL

Maps and diagrams: one dimensional (bar & pyramid), two dimensional (square, rectangle, wheel, circles & ring), three dimensional diagrams (cube, sphere and block pile), distributional maps: dot, isopleth; choropleth, chorochromatic and chroschernatic.

Measures of central tendency & dispersion: mean, median and mode, mean deviation, quartiles & standard deviation.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-IV

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-I – Political Geography

UNIT-I

Boundaries and frontiers, Functions and classification of international boundaries,

UNIT-II

Global strategic views of Mackinder, Spykman, Seversky and Mahan and their relevance to Contemporary world situation,

UNIT-III

Underdevelopment and international policies, the North-South dialogue, SAARC and ASEAN.

UNIT-IV

The new international economic order, international tensions, West Asia and Indian Ocean region, Regionalism in International Relations, Geopolitical Dimensions of Environment.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-IV

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M.

Paper II: Cultural Geography-II

UNIT-I

Characteristics and distribution of races, ethnic groups, linguistic families, religious groups.

UNIT-II

Domestication of plants and animals, patterns of livelihood: various economic activities & cultural adaptations.

UNIT-III

Agriculture, industrialization and modernization, technological changes and their spatial implications.

UNIT-IV

Social Structure and Technology, pattern of rural and urban society, social processes in the city; the city in the developing countries.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-IV

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper III: Fundamentals of Biogeography-II

UNIT-I

Ecological changes over space and time, ecosystem stability and disturbance.

UNIT-II

Managed Ecosystems : agricultural, urban, case studies of human induced ecological changes: Desert Ecosystems with specific reference to Rajasthan.

UNIT-III

Wetland ecosystems with specific reference to the Rajasthan, Wetland, Agricultural ecosystem with specific reference to the Indira Gandhi Nahar Pariyojna (IGNP).

UNIT-IV

Industrial affluent and its effect on fresh water biology and riverine ecosystem, management practice (special reference to Rajasthan).

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-IV

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each =05M.

Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each =05M.

Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.

Total Marks of End Semester Exam = 50M.

Internal Assessment (CIA) = 20M.

Maximum Marks each Semester per paper = 70M.

Minimum Marks = 28M

Paper IV : Statistical Methods in Geography-II

UNIT-I

Normal curve, measures of Skewness - Kurtosis, simple correlation and regression.

UNIT-II

Theory of probability-basic principles, axioms probability, probability distribution.

UNIT-III

Theory of sampling, Types of sampling, Random Systematic and Stratified sampling, Problems Application of sampling methods in Geography, t-test and chi-square test.

UNIT-IV

Surface and Models – Gravity Potential model, Spatial Interpolation and trend, Surface analysis.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-IV

**MARKS (EXTERNAL) : 75
MARKS (INTERNAL) : 45
MINI MARKS : 48**

PRACTICAL

Plane table surveying: Equipments, procedure, traversing - open and closed traverse, methods- radial and intersection, concept of resectioning: two point problem, three point problem, Use of Indian pattern clinometer.

Project Report – A candidate is to prepare Project Report of a Village area. The project should be based on Primary data obtained by the candidate.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-V

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-I - India - A Systematic Geography-I

UNIT – I

Indian in the context of Asia and the World Systematic Geography, Land – Major terrain units of India and their characteristics, Drainage Systems and their Functional Significance to the country.

UNIT – II

The Indian Monsoon – Regional and Seasonal variations in climate and climate division. Soils – types, their characteristics and distribution and problems, Soil conservation. Vegetation cover, Vegetation types and their distribution. Forest resources and their conservation.

UNIT – III

People - Numbers, distribution, density and growth with special reference to the Post independence period, Socio Economic implications of Explosive growth of population, Literacy and Education – spatial patterns.

UNIT – IV

Urbanisation – its relation with economy and ecology. Regional development and Planning in India, Environmental issues.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-V

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M.

Paper-II Evolution Geographical Thought -I

UNIT – I

The nature of Geography is the early classical period with reference to the works of Horodotus, Eratashenes, Strabo and Ptolemy.

UNIT – II

Early Medieval Geography contributions of Al biruni, Al-masudi, Al-Idrisi, Ibn-battuta. Geography of Ancient India, Geography of Vedic and Purana's.

UNIT – III

The revival of Geography from the 16th to early 19th century. The works of Varenius, Kant, The development of Scientific Geography during 18th and 19th Centuries.

UNIT – IV

The works of Peschel and W.M. Davis, Herbertson and Saur. Concepts of Areal differentiation and Region.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-V

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-III Agriculture Geography – An Introduction

UNIT – I

Nature Scope and Significance of Agricultural Geography, Approaches to the Study of Agricultural Geography – Commodity, Environmental, Systematic and Regional.

UNIT – II

Determinates of Agricultural Land use – Physical, Social, Economic and Cultural.

UNIT – III

Wittlesey's Agricultural types – Their Characteristics and Distribution in the World. A Critical review of Whittleseys agricultural classification.

UNIT – IV

Indian Agriculture – (a) Problems and Prospects (b) Regions.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-V

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam = 50M.	
Internal Assessment (CIA) = 20M.	
Maximum Marks each Semester per paper = 70M.	
Minimum Marks = 28M.	

Paper-IV Applied Geography-I

UNIT – I

Nature Scope and Content of applied Geography identification of problems of interdisciplinary nature (like environment resource base, resource-use, development and disparity).

UNIT – II

Issues related to variations in Physical Environment. Variations land quality affecting agricultural productivity, Environmental degradation, Environmental disaster and Environmental management.

UNIT – III

Issues related to human resource – quality vs numbers; Social and Demographic issues diversity and disparity : carrying capacity of the earth; human resources use and manpower planning.

UNIT – IV

Issues related to economy; Spatial organisation of economic activities (like agriculture, industry, transport, trade, etc.) Spatial inequalities – Causes and Consequences.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-V

**MARKS (EXTERNAL) : 75
MARKS (INTERNAL) : 45
MINI MARKS : 48**

PRACTICALS

General Principles, Classification, Intensification, transformation and choice of Projections.

Construction, Properties, Limitations and uses of the following Projection :

Cylindrical : Simple, Equal area and macerator's.

Conical : One standard, Two Standard Bonne's, Polyconic and International.

Zenithal : Gnomonic, Stereographic, Orthographic, Equidistant and Equal Area (Polar Cases only).

Conventional : Sinusoidal and mollowedes (normal case only)

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-VI

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam = 50M.	
Internal Assessment (CIA) = 20M.	
Maximum Marks each Semester per paper = 70M.	
Minimum Marks = 28M	

Paper-I India - A Systematic Geography-II

UNIT – I

Economy Changing nature, Indian Economy and over view. Economic Regions of India.

UNIT – II

Agriculture – Main Characteristics and problems of Indian Agriculture, Spatial aspects of irrigation developments, Technological Development in Indian Agriculture, Green Revolution and its Spatial dimension. Regionalisation of Agriculture in India, Food Production and Population growth.

UNIT – III

Mineral and Power Resources – Reserves, Production and Problems of Conservation, Resource Regions of India.

Industry – Industrial Development and Indian Economy – an over view. Locational Factors and Spatial Pattern of Major Industries in India – Iron and Steel, Engineering Goods, Textiles, Chemicals, Cement, Sugar, Paper. Industrial Regions of India.

UNIT – IV

Transport and Trade – Development of transport Network, different modes and their functional Significance. Internal and International trade composition and change. (Both in Spatial and Temporal terms).

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-VI

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-II Evolution Geographical Thought -II

UNIT – I

Founders of Modern Geography, The works of Humboldt and Ritter. The Nature of Geography in the second half of 19th Century.

UNIT – II

The works of Retzel, Richthofen, Semple, The views of Huntington, Blache and Brunches.

UNIT – III

The dualism in Geography – the Debate between Environmental determinism and possibilism, the dualism of regional and systematic Geography the dichotomy of Human and Physical Geography.

UNIT – IV

Quantitative Revolution in Geography, Development of Behavioural Geography, Radical Geography, development of Geography in India.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-VI

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each =05M.

Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each =05M.

Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.

Total Marks of End Semester Exam = 50M.

Internal Assessment (CIA) = 20M.

Maximum Marks each Semester per paper = 70M.

Minimum Marks = 28M

Paper-III Agriculture Geography

UNIT – I

Agricultural Land use Survey and Proforma, Land Classification : Need and Basis of Land Classification.

UNIT – II

Von thunens Agricultural Location Theory, Dairy Development, Agro Forestry – Importance, Status and Scope in India. Agro – Climatic Regions of India.

UNIT – III

Agricultural Regionalization – Concept, Methods of Delimitation. Crop Combination Detailed Study of Weaver's Method.

UNIT – IV

Technological Factors in the Development of Agriculture, Nutrition and Food balance sheet, Food Security and Problems.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-VI

Part-A : 05 Ques.: Map (Comp.) 5x1 M.Each	=05M.
Part-B : 05 Ques.: Short. Ans. (Comp.) 5x1 M.Each	=05M.
Part-C : 04 Ques.: (01 Q. from each unit with Internal choice)= 4x10M.Each=40M.	
Total Marks of End Semester Exam	= 50M.
Internal Assessment (CIA)	= 20M.
Maximum Marks each Semester per paper	= 70M.
Minimum Marks	= 28M

Paper-IV Applied Geography -II

UNIT – I

Application of Geographical methods of Survey and Analysis to Contemporary,

UNIT – II

Need and Basis of Land Classification Agricultural Land use in India and USA and U.K.

UNIT – III

Principles of Urban land use planning, Delimitation of Urban Fields. Meaning of Communication and their relation to towns.

UNIT – IV

Environment and sustainable development with a focus on man environment relationship. Review of Policies related to planning formulated for local, regional and national level with special reference of India.

**S.S.JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE, RAMBAG CIRCLE,
JAIPUR-302015
DEPARTMENT OF GEOGRAPHY**

SYLLABUS - B.A./B.Sc. (Hons.) Geography Sem-VI

MARKS (EXTERNAL) : 75

MARKS (INTERNAL) : 45

MINI MARKS : 48

PRACTICAL

Dumpy Level :- Use of Dumpy Level. Survey and Contouring,

Abney level – use and Importance

Topographical Sheets – History of Toposheets with special reference to India and their interpretation

Air photo interpretation, GIS and its Importance.