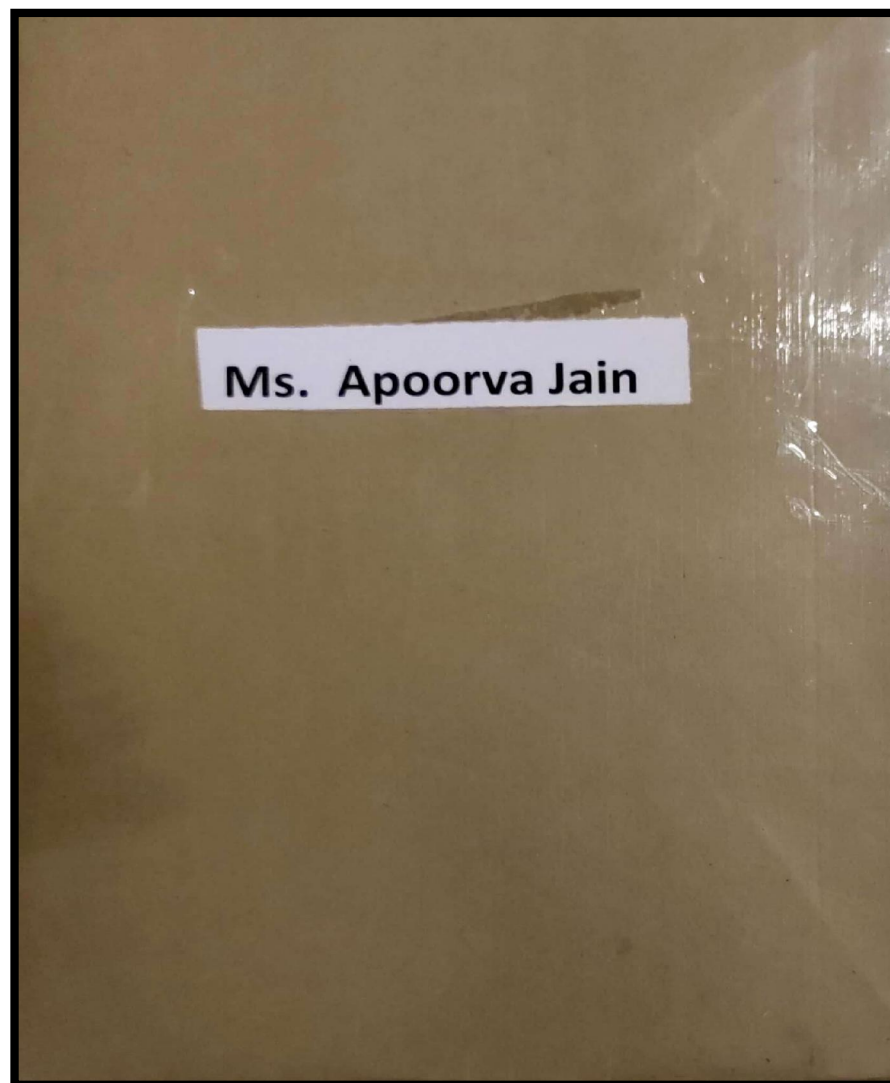




## **SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER**



**COURSE\_PLAN\_2018-19\_MS\_APOORVA\_JAIN**



# SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)

## B.A SEMESTER III

### GEOGRAPHY OF INDIA-I (PAPER II) (GEO-302)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

Duration: 2 1/2 hrs

#### COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Distributi on
SEM I JULY	<b>UNIT I</b> India in the context of Southeast and South Asia;	McMohan line, Durand Line, Land locked countries.	PPT, Chart, Maps, Quiz.	Identify physiograph ic regions of India and schematize the river systems of India.	<u>Knowledge Based</u> 1. Explain the importance of India in the context of South Asia. 2. Illustrate the drainage systems of India.	Knowledg
	India: a land of diversities; Unity within diversities;	Regional diversities, physical diversities.	Charts, Maps, Quiz, Demonstration			
	Major terrain elements of India and their role in shaping physical landscape of India; Drainage systems.	Geosyncline, Antecedent and subsequent.	Maps, Flow Charts, Diagrams.			
AUGUS T	<b>UNIT II</b> Regional and seasonal variations of climate - The Monsoon, Western Disturbance, Norwesters;	Windward and leeward sides, Pre monsoonal showers.	Diagrams, Models, demonstration through Globe	Describe factors affecting Indian monsoon system.	<u>Understanding Based</u> 1. Critically evaluate the mechanism of monsoons in India. 2. Discuss the vegetation conservation measures.	e--50  Understan  ding-35
	Climatic regions of India; Soil types of India, their distribution and characteristics;	Soil horizon, erosion.	Diagrams, Models, PPT, Maps.			
	Vegetation types and their distribution and Conservation.	Biomes, reforestation.	Maps, Diagrams, Models, Demonstration			
SEPTE MBER- OCTOB ER	<b>UNIT III</b> Major Minerals: Metallic-Iron, Manganese, Copper, Zinc, Tungston, Bauxite, Gold, Silver; Non Metallic Minerals - Mica, Limestone;	Illegal mining, geological structure, rocks types.	Demonstration through rock samples	Classify the major metallic and non- metallic minerals of India.	<u>Higher Order Thinking Skills Based</u> 1. Discuss the importance of India for land locked Asian countries.	Higher Order-15
		metamorphism, continental shelf, sustainable utilization.	PPT, Demonstration			
	Atomic Minerals and Conservation	Availability of Resources, extraction, Localization factors.	PPT, Case Studies, Flipped Classroom			

*S. Prakash*  
PRINCIPAL  
SOPHIA GIRLS' COLLEGE  
(AUTONOMOUS)  
AJMER

*Dr. Pooja*  
Dept. of Geogra-  
phy  
Sophia Girls College,  
Ajmer

*Apoorva Jain*



COURSE PLAN						
SEM/ Mont h	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Distribution
SEM I JULY	<b>UNIT I</b> Definition, Scope and Importance of Environment Geography; Elements of Environment: Physical and Cultural;	ecological niche, succession	PPT, Chart, Maps, Quiz, Demonstration.	Recall and relate the elements of environment t which are impacting the climate and present surrounding s.	<u>Knowledge Based</u> 1. Distinguish the physical and cultural elements of environmental geography. 2. Elaborate man and environment relationship. <u>Understanding Based</u> 3. Critically evaluate the conservation of water as a resource. 4. Classify the different kinds of disasters related to water. <u>Higher Order Thinking Skills Based</u> 5. Justify the present scenario of growing energy needs. 6. Critically evaluate the concepts of Desertification.	Knowledge—40  Understanding-35  Higher Order-25
	Approaches of Environmental Study: Determinism, Possibilism, Neo Determinism & Ecological; Relation between Man and Nature;	early human activities.	Match the following, Quiz			
	Forest as a Resource: Use and over-exploitation, Deforestation, Forest policy of India.	Ecological certification.	Maps, Flow Charts			
AUG UST	<b>UNIT II</b> Water as a Resource: Surface and Ground water, Its use and over-utilization;	Scarcity of water, pollution.	Diagrams, Models, charts.	Prioritize the need and importance of conserve resources.		
	Disasters related: Floods, Drought, Dams- Benefits and problems, Case study of Kariba dam (Zimbabwe) and Tehri dam (India);	Concrete dams, gravity dams, flash floods, soil erosion.	PPT, Case Studies, Flipped Classroom			
	Mineral as a Resource: Use and exploitation, environmental effects of extracting and using mineral resources.	Ores, drilling, open shaft drilling.	Maps, Diagrams, Models.			
SEPT EMB ER-OCT OBER	<b>UNIT III</b> Energy as a Resource: Growing energy needs; Renewable and Non Renewable energy sources, Use of alternate energy sources;	Energy needs, sustainability, concept of clean energy.	Diagrams, Models, demonstration through Globe	Prioritize the importance and the need to conserve Land resource.		
	Land as a Resource: Land degradation, Soil erosion and Desertification, Conservation of conventional energy resources;	Water logging, salinization, Concept of 3 R's.	PPT, Demonstration through flow charts,			
	Use of non-conventional energy resources according to year plans in India.	Environmental Planning in India, SDG.	PPT, Case Studies.			
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<p style="text-align: center;"> <b>SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)</b>  <b>M. A/M.Sc GEOGRAPHY (Previous) SEMESTER I</b>  <b>MAN AND NATURAL ENVIRONMENT (GEOM-103)</b>  <b>Max Marks: 100 (70Ext; 30 Int) Min. Marks: 40(28 Ext;12 Int) Credits: 06 Duration: 03 hrs</b>  <b>COURSE PLAN</b> </p>						
SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Distribution
SEM I JULY	<b>UNIT I</b> Introduction: Meaning, scope and interdisciplinary nature of Environmental Science; Energy fundamentals: Heat transfer processes; energy transfer across the interfaces of various geospheres	ecological niche.	PPT, Chart, Maps, Quiz, Demonstration.	Recall and relate the elements of environment which are impacting the climate and present surroundings.	<u>Knowledge Based</u> 1. Distinguish the physical and cultural elements of environmental geography. 2. Elaborate man and environment relationship.	Knowledge—40
	Hydrological cycle, Biogeochemical cycles — carbon, nitrogen, and phosphorus Man-environment relationship;	Formation of early, early human activities.	Match the following, Quiz, Demonstration			
	Effects of environment on human culture and livelihood; Concept of sustainable development	Ecological certification.	Maps, Flow Charts			
AUGUST	<b>UNIT II</b> Fundamentals of Ecology: Meaning and scope; Ecosystems - types, structural and functional aspects;	Scarcity of water, pollution.	Diagrams, Models, charts.	Prioritize the need and importance of conserve resources.	<u>Understanding Based</u> 1. Critically evaluate the conservation of water as a resource. 2. Classify the different kinds of disasters related to water.	Understanding-35  Higher Order-25
	Energy flow in ecosystem, food chain, food web, trophic levels, ecological pyramids; Ecotone, Human impact on ecosystems; Biodiversity:	Concrete dams, gravity dams, flash floods.	PPT, Case Studies, Flipped Classroom			
	Organisms-evolution and distribution in space and time, Hotspots of Biodiversity; Climate and its impact on biodiversity.	Ores, drilling, open shaft drilling.	Maps, Diagrams, Models.			
SEPTEMBER-OCTOBER	<b>UNIT III</b> Vegetation types; Endangered and Threatened species; Biodiversity conservation;	Energy needs, sustainability, clean energy.	Diagrams, Models, Globe	Prioritize the importance and the need to conserve Land resource.	<u>Higher Order Thinking Skills Based</u> 1. Justify the present scenario of growing energy needs. 2. Critically evaluate the concepts of Desertification.	
	National Forest Policy, Biodiversity Act, Wild-life Protection Acts of India;	Water logging, Concept of 3 R's.	PPT, flow charts,			
	Conservation of National Parks and Sanctuaries, world heritage sites, Ramsar convention, UNESCO sites and wetlands	Environmental Planning in India, SDG	Case Studies, Flipped Classroom			

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**SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)**  
**M. A/M.Sc GEOGRAPHY (Final) SEMESTER III**  
**URBAN GEOGRAPHY (a) GEOM-303**

Max Marks: 100(70Ext; 30 Int)

Min. Marks: 40(28 Ext;12 Int)

Credits: 06

Duration: 03 hrs

**COURSE PLAN**

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	<b>UNIT I</b> Nature, scope and development of urban geography; urban concepts.	Concept of urbanisation.	PPT, Chart, Maps, Visual 3- D Models	Understand the nature, scope and evolution of urban geography as a subject.	<u>Knowledge Based</u> Paraphrase the concepts of urban geography.  <u>Understanding Based</u> Evaluate the Central Place Theory.	Knowledge--  30  Understandin g-40  Higher Order-30
	Origin and growth of urban centres: ancient and Medieval age. Process of urbanisation: Trends of urbanization in the world.	Development of urban geography.	Match the following, Quiz.			
	Urbanization In India, Development of Metropolitan cities in India. Classification of urban centres: Views of Mumford and Griffith Taylor. Conurbation and Megalopolise.	Urban growth centres.	Maps, Flow Charts			
AUGU ST	<b>UNIT II</b> Theories of urban system: the law of primate city and the rank-size rule.	Understanding of urban landscape.	Maps, Flow Charts	Discover and summarize various theories of development of urban systems.	<u>Higher Order Thinking Skills Based</u> Evaluate the principles of urban planning.	
	Central place theories: Christaller's central place system, Loach's economic landscape.	Market & service centres.	PPT, Chart, Maps, Visual 3- D Models			
	Urban land use: urban land use models of Burgess, Harris-Ullman and Hoyt. Central business district (CBD), the zone in transition.	Land use classification	Maps, Diagrams, Models.			
SEPTE MBER- OCTO BER	<b>UNIT III</b> Functional classification of cities: Empirical and Statistical methods. Centripetal and centrifugal forces of urban growth.	Functional classification of cities.	Demonstration through rock samples	Elaborate the functional classification of cities and interpret sustainable urban planning and development.		
	Rural Urban Fringe: Concept, criteria's of Delimitation and characteristics. Urban Problems: Development of Slums in urban areas and their problems, problems of housing and social infrastructure.	Rural-urban fringe, Umland.	PPT, Demonstration			
	Urban Planning: principles of urban planning. Sustainable Urban Development: studies of master plans of Ajmer and Jaipur cities.	Town Planning.	PPT, Case Studies.			

*S. P. Singh*  
**PRINCIPAL**  
**SOPHIA GIRLS' COLLEGE**  
**(AUTONOMOUS)**  
**AJMER**

*3/2*  
**Deptt. of Geography**  
**Sophia Girls College, Ajmer**

*Apoorva*





# SOPHIA GIRL'S COLLEGE, AJMER (AUTONOMOUS)

## B.A SEMESTER II

### HUMAN GEOGRAPHY PAPER II (GEO-202)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

Duration: 21/2 hrs

#### COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Distribution
DEC	<b>UNIT I</b> Nature and Scope of Human Geography; Branches of Human Geography;	Synthesised study, relationship with other fields.	PPT, Chart, Maps, Class discussions.	Identify branches of human geography and distinguish between the different concepts of man – environment relationship.	<u>Knowledge Based</u> 1. Explain the nature and scope of human geography.	Knowledge—55
	Concepts of man-environment relationship- Determinism, Possibilism; Races of Mankind: Spatial distribution, physical and social profile of racial groups;	Forces of nature, Technological development, recent environmental issues.	Flipped Classroom, Quiz, Demonstration		<u>Understanding Based</u> 1. Categorize the early economic activities.	
	Early economic activities of mankind: Food gathering, Hunting, Fishing, Shifting cultivation.	Tribes with examples of their economic activities.	Maps, Flow Charts.		2. With the help of suitable map show the distribution of human races.	
JAN	<b>UNIT II</b> Human Adaptation to the environment: (i) Cold region—Eskimo; (ii) Hot region Bushman, Beduin; (iii) Plateau—Gonds, Masai, (iv) Mountain-Gujjars;	Adaptation, theory of survival, migration, Tranhumance.	Diagrams, Maps and Quiz.	Classify the different tribes of the world and use various factors to interpret the spatial distribution of population.	<u>Higher Order Thinking Skills Based</u> Discuss the factors affecting the population growth and distribution in India.	Higher Order-15
	Distribution of population: World distribution pattern - physical, economic and social factors influencing spatial distribution,	Ecumene, Push and pull factors.	Diagrams, Models, demonstration through Globe.			
	Concepts of over, under and optimum population, Zero population growth.	Human as a resource	Maps, Diagrams, Models.			
FEB TO MARCH	<b>UNIT III</b> Migration—Internal and International, Theories; Human Settlements : Site, forms and types;	Immigration and emigration.	PPT, Case Studies, Flipped Classroom	Visualize the various patterns of migration, settlements and summarize the major problems of urbanization in India.	Critically evaluate the migration zone theory.	
	House types with special reference to India;	Physical and cultural factors.	PPT,			
	Urbanization: Meaning, Growth and Causes of Urbanization, slums and associated problems with reference to India problems of urbanization and remedies.	Urban Sprawl, Slum expansion, unemployment.	PPT, Case Studies, Flipped Classroom			

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B.A SEMESTER IV

ECONOMIC GEOGRAPHY-II (PAPER I) (GEO-401)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

Duration: 2<sup>1/2</sup> hrs

**COURSE PLAN**

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcome s	Questions	Marks Distrib ution
DEC	<b>UNIT I</b> Minerals: Ferrous and Non-Ferrous and their world distribution (Iron ore, Manganese, Aluminium, Bauxite, Copper, Mica and Gold) (in major producing countries);	Illegal mining, geological structure, rocks types, Alloys.	PPT, Chart, Maps, Rock Samples.	Categorize ferrous and non-ferrous minerals and identify their distribution on a world map.	<u>Knowledge Based</u> 1. Explain the distribution of Iron in the world. 2. Discuss the distribution of power resources.	Knowle dge-40
	Power Resources Production and utilization of conventional-Coal, Petroleum, Natural gas and atomic energy;	continental shelf, sustainable utilization.	Quiz, Demonstration			
	Non-Conventional- Solar, tidal, wind, biomass, geothermal and hydroelectricity.	Availability of Resources,	Maps, Flow Charts			
JAN	<b>UNIT II</b> Industries: Factors affecting localization and their classification;	Industrialisation, Localisation factors.	Diagrams, Models.	Relate factors affecting localization of industries and discuss the major industries of the world.	<u>Understanding Based</u> Discuss the relevance of non-conventional resources.	Underst anding- 40
	Major industries of the world- Iron and steel, textile-cotton and Woollen,	International trade - Import and export,	Diagrams, Models, Globe			
	chemicals, cement, paper, ship buildings.	Metamorphism, Agro-forestry.	Maps, Diagrams,			
FEB 70 MARCH	<b>UNIT III</b> Trade and Transport: Geographical factors in their development, Major water, land and air transport;	Silk Route, Inland waterways, SEZ.	Demonstration through rock samples	Identify the influence of geographical factors in the development of trade and transport.	<u>Higher Order Thinking Skills Based</u> 1. Discuss the factors affecting trade in India. 2. Explain the factors affecting localisation of industries.	Higher Order- 20
	Major importing and exporting countries;	Intra and inter countries trade.	PPT, Demonstration			
	Major Trade organizations: EU, EFTA, WTO, ASEAN, NAFTA, OPEC-their objectives and major characteristics.	Block integrations, Free trade Zones.	PPT, Case Studies, Flipped Classroom			

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B.A SEMESTER VI

PRACTICAL GEOGRAPHY (PAPER III) (GEO-603)

Max. Marks: 50(40Ext; 10 Int)

Min Marks: 20(16 Ext;4 Int)

Credits: 02

Duration: 5 hrs

COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
DEC	FILED SURVEY: REPORT WRITING BASED ON FIELD VISITS OF AN INDUSTRIAL CENTRE, HERITAGE SITE LIKE FORTS, IRRIGATION PROJECT, NATIONAL PARK etc	Importance of Survey ,field investigations , Questionnaire s.	Demonstration and Lab exercises with Video Animations.	Construct, Formulate and analyze questionnaires for data collection and field survey to help them understand the importance of ecological, historical or industrial hotspots of regional importance.	<u>Knowledge Based</u> Practical File Work  <u>Understanding Based</u> Lab exercises Draw a Plain Scale on R.F 1:50,000  <u>Higher Order Thinking Skills Based</u> Interpret and develop a Profile for the given region? Viva Voce	Knowledge--30  Understanding-  50  Higher Order- 20
JAN	Data Analysis and Report writing with the help of suitable diagrams.		Demonstration with 3 D Models, Tracing Table			
FEB TO MARCH	The students are required to give a project presentation with report submission on assigned problem involving field investigations.		Demonstration and Lab exercises with Video Animations			

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Apoorva

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Sophia Girls College, Ajmer





**SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)**  
**M. A/M.Sc GEOGRAPHY (Final) SEMESTER IV**  
**REGIONAL DEVELOPMENT AND PLANNING (a) (GEOM-402)**

Max Marks: 100(70Ext; 30 Int)

Min. Marks: 40(28 Ext;12 Int)

Credits: 06

Duration: 03 hrs

**COURSE PLAN**

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
DEC	<b>UNIT I</b> Regional concept in geography, conceptual and theoretical framework; merits and limitations for application to regional planning and development;	Concept of region, planning initiatives.	PPT, Chart, Maps, Visual 3-D Models	Explain and interpret the concept of regional planning.	<u>Knowledge Based</u> Explain and interpret the special purpose regions.  <u>Understanding Based</u> Discuss	Knowledge  -30  Understand  ing-30
	changing concept of the region from an inter-disciplinary view-point, concept of space, area and locational attributes; Types of regions:	Regional Planning initiatives,	Quiz, Demonstration			
	Formal and functional, uniform and nodal, single purpose and composite region, Concept of special purpose regions.	Regional disparities, areal differentiation.	Maps, Flow Charts			
JAN	<b>UNIT II</b> Special purpose regions-river valley regions, metropolitan regions, problem regions - hilly regions,	Concept of a region and urban centres.	Diagrams, Models, Globe	Discuss the models and theories of regional planning and their relevance in present times.	Approaches to delineation of different types of regions and their utility in planning.  <u>Higher Order Thinking Skills Based</u> Assess the process in regional development including short-term and long term perspectives of planning;	Higher Order-40
	tribal regions, regions of drought and floods; Resource regions;	Special purpose regions.	Diagrams, Models.			
	Approaches to delineation of different types of regions and their utility in planning; Regional Disparity.	Decentralisation and planning.	Maps, Diagrams, Models.			
FEB TO MARCH	<b>UNIT III</b> Planning process in regional development short-term and long term perspectives of planning;	Planning and management	Maps, Flow Charts	Assess the short and long term impact of planning in the process of regional development.		
	Concept of Multi-level planning; Indicators of development; measuring levels of regional development and disparities - decentralised planning;	Decentralisation and planning.	PPT, Demonstration			
	Regional development in India problems and prospects.	Regional planning.	PPT, Case Studies,			

*Sr Pearl*  
**PRINCIPAL**  
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*Dept. of Geography*  
**Sophia Girls College, Ajmer**

*Apoorva*

*Sr Pearl*

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