



SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER



COURSE_PLAN_2019-20_MS_KRITIKA_MISHRA



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	UNIT I 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.	Knowledge
	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	UNIT II 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	UNIT III Major Minerals: Metallic-Iron, Manganese, Copper, Zinc, Tungston, Bauxite, Gold,	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
	Silver; Non Metallic Minerals - Mica, Limestone;	metamorphism, continental shelf, sustainable utilization.	PPT, Demonstration			
	Atomic Minerals and Conservation.	Availability of Resources, extraction, Localization factors.	PPT, Case Studies, Flipped Classroom			

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SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)
B.A SEMESTER V
ENVIRONMENT GEOGRAPHY- (PAPER I) (GEO-501)

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 Distribution
SEM I JULY	UNIT I 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 environmen t which are impacting the climate and present surroundin gs.	<u>Knowledge Based</u> 1. Distinguish the physical and cultural elements of environmental geography.	Knowledg e—40
	Approaches of Environmental Study: Determinism, Possibilism, Neo Determinism & Ecological; Relation between Man and Nature;	Early human activities.	Match the following, Quiz		2. Elaborate man and environment relationship.	
	Forest as a Resource: Use and over-exploitation, Deforestation, Forest policy of India.	Ecological certification.	Maps, Flow Charts		<u>Understanding Based</u> 3. Critically evaluate the conservation of water as a resource.	
AUG UST	UNIT II 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.	4. Classify the different kinds of disasters related to water.	Understan ding-35 Higher Order-25
	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		<u>Higher Order Thinking Skills Based</u> 5. Justify the present scenario of growing energy needs.	
	Mineral as a Resource: Use and exploitation, environmental effects of extracting and using mineral resources.	Ores, drilling, open shaft drilling.	Maps, Diagrams, Models.		6. Critically evaluate the concepts of Desertification.	
SEPT EMB ER- OCT OBER	UNIT III 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.		Km
	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,			
	Development of non-conventional energy resources according to five year plans in India.	Environmental Planning in India, SDG.	PPT, Case Studies.			

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2019

SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)

M. A/M.Sc GEOGRAPHY (Previous)

SEMESTER I

GEOMORPHOLOGY (GEOM-102)

Max Marks: 100(70Ext; 30 Int)

Credit: 06

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

Duration: 03 hrs.

COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	UNIT I Nature and Scope; Fundamental Concepts; Forces of the Earth;	Uniformatism, Composition of the earth.	PPT, Chart, Maps, Visual Models.	Identify and discuss the fundamental concepts, incidences and occurrences of seismology and vulcanicity, plate tectonics and isostasy.	<u>Knowledge Based</u> Illustrate the fundamental concepts of geography.	Knowledge-- 40
	Plate Tectonics; Theories of Isostasy;	Law of Floatation, Buoyancy, Magnetism.	Match the following, Demonstration		<u>Understanding Based</u> Analyze the mountain building theories.	
	Seismicity and Vulcanicity: Causes, consequences & associated features.	Paleo-magnetism, P-S Waves	Maps, Flow Charts		<u>Higher Order Thinking Skills Based</u> Justify the present distribution of world continents and oceans on the basis of Hary Hess's Plate Tectonics Theory? Critically Evaluate the concepts of Sea Floor spreading?	
AUGUST	UNIT II Mountain Building: Continental Drift Theory (Wegner), Geosynclinal Theory of Kober, Holme's Convectional Current Theory, Theories of Joly and Jeffery;	Plate tectonics, Composition and layering of the earth	Diagrams, Models, demonstration through Globe	Summarize and evaluate Continental and mountain building theories.	<u>Higher Order Thinking Skills Based</u> Justify the present distribution of world continents and oceans on the basis of Hary Hess's Plate Tectonics Theory? Critically Evaluate the concepts of Sea Floor spreading?	Understandin g-30 Higher Order-30
	Denudation: Weathering and Erosion their process and types,	Exogenetic forces.	Diagrams, Models.			
	Davisian Model of Cycle of Erosion and Penck's Morphological System; Mass Wasting.	V-shaped Valley, Diastrophism, Landslides.	Maps, Diagrams, Models, Demonstration			
SEPTEMBER OCTOBER	UNIT III Formation and Characteristics: Fluvial, Glacial, Aeoline (Arid and Semi-Arid), Karst, Coastal landforms;	Attrition, Ablation, Abrasion, plucking.	Demonstration through rock samples	Illustrate various landforms and classify their process of evolution and distribution.	<u>Higher Order Thinking Skills Based</u> Justify the present distribution of world continents and oceans on the basis of Hary Hess's Plate Tectonics Theory? Critically Evaluate the concepts of Sea Floor spreading?	Understandin g-30 Higher Order-30
	Slopes; Forms, processes and evolution;	Channel, slope profile.	PPT, Demonstration			
	Theories of Slope: Davis, Penck, King; Rejuvenation.	Channel, slope profile.	PPT, Case Studies, Flipped Classroom			

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M. A/M.Sc GEOGRAPHY (Previous)
SEMESTER II

POPULATION GEOGRAPHY (GEOM - 103)

Max Marks: 100(70Ext; 30 Int)

Credit: 06

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

Duration: 03 hrs

COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	UNIT I Population Geography: Nature, Scope;	Demography, Factors affecting.	PPT, Chart, Maps.	Explain the development of demography and elaborate the concept of population.	<u>Knowledge Based</u> Summarize the development of demography and elaborate the concept of population.	Knowledge
	Objectives and Approaches;	Demography, Factors affecting.	PPT, Quiz.			
	Modern theories: Malthusian Theory, Optimum Theory and Demographic Transition Theory.	Concept of Sustainable development	Flow Charts, Diagrams.			
AUGUST	UNIT II Population Dynamics: Fertility, Mortality, Age, Sex, Family & Households, Literacy, Education, Religion, Caste and Tribes, Rural & Urban,	Age pyramids, Factors affecting, Qualitative aspects of population.	Diagrams, Models, demonstration through Globe	Measure and discuss the population dynamics of the world.	<u>Understanding Based</u> Examine the population dynamics of the world.	e-40
	Urbanization, Occupational Structure, Gender Issues (with special reference to India);	Urban Sprawl, Slum development.	Diagrams, Models,			
	Migration: Types, Causes, Consequences and related theories.	Push and Pull Factors	Maps, Diagrams, Models, Demonstration			
SEPTEMBER- OCTOBER	UNIT III World Population Distribution;	Regional disparity	Demonstration through rock samples	Critically evaluate the population as a resource and population policies.	<u>Higher Order Thinking Skills Based</u> Evaluate the theories of migration.	Higher Order-30
	Ackerman's Population Resource Regions; Critical appraisal of Population Policies of India;	Government initiatives and need of regional planning.	PPT, Demonstration			
	Human Development Index: Indicators and Measurements.	Social welfare and well-being, Happiness Index.	PPT, Case Studies, Flipped Classroom			

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SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)
M. A/M.Sc GEOGRAPHY (Final) SEMESTER III
INDUSTRIAL GEOGRAPHY (a) (GEOM-302)

Max Marks: 100(70Ext; 30 Int)

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

Credits: 06

Duration: 03 hrs

COURSE PLAN

SEM/ Mont h	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	UNIT I Nature, scope and recent developments, elements and factors of localization of manufacturing industries;	Industrial location.	PPT, Chart, Maps, Visual 3- D Models	Identify the elements and factors of localization of industries.	<u>Knowledge Based</u> Enumerate the concepts of centralisation and de-centralisation.	Knowledge e--30 Understan
	centralization and decentralization of industrial enterprises; horizontal, vertical and diagonal linkages of modern industries;	Forward and backward linkages.	Match the following, Quiz,		<u>Understanding Based</u>	
	Theories and models of industrial location: Weber, Losch, Isard and Hoover.	Locational triangle, Isodapane	Maps, Flow Charts		Correlate the methods of measuring the spatial distribution of manufacturing industries with the major industrial regions of the world.	
AUG UST	UNIT II Distribution and spatial pattern of manufacturing industries- Iron and Steel, energy goods and automobiles;	Resource based industries.	Diagrams, Models, PPT.	Establish a connection between the localization theories and distribution of manufacturing industries in the world.	<u>Higher Order Thinking Skills Based</u> Evaluate the environmental degradation caused by manufacturing industries Industrial hazards and occupational health.	ding-40 Higher Order-30
	Textiles, chemicals, petro-chemicals, hardware and software industries. Methods of delineating manufacturing regions;	Resource based industries.	Diagrams, Models, Globe			
	Major manufacturing regions of the world, Methods of measuring the spatial distribution of manufacturing industries.	Industrial distribution of the world.	Maps, Diagrams, Models,			
SEPT EMB ER- OCT OBER	UNIT III Environmental degradation caused by manufacturing industries Industrial hazards and occupational health.	Global Environmental concerns	Diagrams, Models, Globe	Speculate the impact of globalization and changing industrial policies on world environment.		Dept. of Geography SOPHIA GIRLS' COLLEGE, AJMER
	Impact of manufacturing industries on economic development; Role of globalization on manufacturing sector;	LPG - Reforms	PPT, Demonstration			
	Shifting of industries and its impact on the urban fringe; changing industrial policy - need for integrated industrial decentralization.	Decentralisation and centralisation.	Case Studies, PPT.			

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SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)

B.A SEMESTER IV

GEOGRAPHY OF INDIA-II (PAPER II) (GEO-402)

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

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

Credit: 03

Duration: 2½ hrs

COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Distrib ution
SEM I . DEC	UNIT I Conventional sources of energy- Coal- Types, Distribution and Production. Petroleum- Origin, Reserves and Production.	Illegal mining, geological structure, rocks types.	PPT, Chart, Maps, Visual 3-D Models	Identify conventional and non-conventional sources of energy.	<u>Knowledge Based</u> 1. Sketch the coal distribution in India. 2. Illustrate the different types of non-conventional sources of energy.	
	Natural Gas- Reserves and Production, Nuclear Energy: Distribution and Production, their conservation;	metamorphism, sustainable utilization.	Match the following, Quiz,			
	Non-Conventional Sources of Energy: Solar, Wind, Tidal and Bio Gas.	Mineral extraction,	Maps, Flow Charts			
JAN	UNIT II Agriculture- Major Crops: Rice, Wheat, Sugar Cane, Cotton, Jute, Tea, Coffee (Essential conditions required and their production);	Soils, geological structure, Importance of humus and organic matter.	Diagrams, Models, demonstration through Globe	Classify major industrial regions and major crops of India.	<u>Understanding Based</u> 1. Discuss the essential conditions required for Sugarcane. 2. Classify the major industrial regions of India with examples.	Knowle dge--40 Underst anding-
	Green Revolution; Industries- Iron and steel, textile, cement, paper and pulp.	continental shelf, sustainability.	Diagrams, Models, Globe			
	Major Industrial regions of India.	Availability of Resources.	Maps, Diagrams,			
FEB. TO MARCH	UNIT III Population: Spatial distribution, growth and density; population explosion;	Urban sprawl, migration, birth rate.	Maps, Diagrams,	Interpret the spatial distribution pattern of population in India and classify planning regions.	<u>Higher Order Thinking Skills Based</u> 3. Justify the present distribution population in India. 4. Critically evaluate the concept of Smart City.	40 Km Higher Order-
	Ecumene, urbanization- Smart city concept;	Urban sprawl, sustainable development.	PPT, Demonstration			
	Regional Planning in India - macro, meso and micro - regions of India.	Hinterland, Fringe, Periphery.	PPT, Case Studies.			

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SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)
B.A III (SEMESTER VI)
REGIONAL GEOGRAPHY OF THE WORLD:
(Egypt, China and Australia) **(PAPER II) (GEO-602)**
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 Distribution
SEM I DEC	UNIT I Egypt: Physiography, Drainage-Nile Valley, Climate, Natural Vegetation, Agriculture, Irrigation projects, Minerals, Power resources, Industries, Spatial distribution of Population,	Geology, Deserts, Drylands, Nile river basin.	PPT, Chart, Maps, quiz and maps.	Develop geographical understanding of Egypt and analyze its economic development.	<u>Knowledge Based</u> 1. Illustrate the physiographic features of Egypt. 2. Discuss the minerals distribution of China and Australia.	Knowledge e--40
	Economic development and Impact of Desertification.	Concept of resources, Extraction of resources.	Match the following, Quiz, Demonstration			
		Suez canal,	Maps, Flow Charts			
JAN	UNIT II China: Physiography, Drainage, Climate, Natural Vegetation,	Siberian winds, formation of mountain ranges and Tibet plateau.	Diagrams, Models, Globe	Develop geographical understanding of China and analyze its economic development.	<u>Understanding Based</u> 1. Illustrate the climate of China. 2. Discuss the population distribution of Australia.	Understanding-35 Higher Order-25
	Minerals, Power resources, Industrial Region,	Spatial distribution of eastern and western China, Silk Route.	Diagrams, Models, Globe			
	Spatial distribution of Population and its economic development.		Maps, Diagrams, Models.			
FEB TO MARCH	UNIT III Australia: Physiography, Drainage, Climate, Natural Vegetation,	Great Barrier Reef, Mediterranean climate.	PPT, Flipped Classroom	Develop geographical understanding of Australia and analyze its economic development.	<u>Higher Order Thinking Skills Based</u> 1. Compare the climatic features of Egypt and China. 2. Discuss the relevance of agricultural produce of Australia.	Higher Order-25
	Dairy farming, Power resources, Industries,	Agriculture, International Trade.	Demonstration through rock samples			
	Spatial distribution of Population and Economic	Aborigines, White policy.	PPT, Case Studies, Flipped Classroom			

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SOPHIA GIRLS' COLLEGE, AJMER (Autonomous)
M. A/M.Sc GEOGRAPHY (Final) SEMESTER IV
GEOGRAPHY OF SOUTH ASIA (GEOM-401)
 Max Marks: 100(70Ext; 30 Int) Min. Marks: 40(28 Ext;12 Int) Credit: 06 Duration: 03 hrs

COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I DEC	UNIT I Geographical Realm of South Asia, Homogeneity and Diversity, Study of Pakistan-Geographical and political units,	Geographical understanding of the study area.	PPT, Chart, Maps, Visual 3- D Models	Develop geographical understanding of Pakistan and discuss its political relations with South Asian countries.	<u>Knowledge Based</u> Discuss the geographical understanding of Pakistan and discuss its political relations with South Asian countries.	Knowledge-30 Understanding-30 Higher Order-40.
	Climate and climatic regions, Vegetation, Agriculture, Livestock,	Tropical cyclones, flooding	Match the following, Quiz,			
	Mineral Resources, Power Resources, Industries, Trade, Population, Political relations.	Resource potential.	Maps, Flow Charts			
JAN	UNIT II Study of Bangladesh -Geographical and political units, Climate and climatic regions,	Geographical understanding of the study area.	Diagrams, Models,	Develop geographical understanding of Bangladesh and discuss its political relations with South Asian countries.	<u>Understanding Based</u> Elaborate the climatic aspects of Bangladesh and Nepal.	
	Vegetation, Agriculture, Livestock, Mineral Resources,	Soils, Geology of land	Diagrams, Models,			
	Power Resources, Industries, Trade, Population, Political relations.	Understanding of resource potential.	Maps, Diagrams, Models,			
FEB. TO MARCH	UNIT III Study of Nepal, Sri Lanka, Bhutan, Maldives-Geographical and political units,	Geographical understanding of the study area.	PPT, Case Studies,	Develop geographical understanding of Nepal, Sri Lanka, Bhutan, Maldives and discuss their political relations with South Asian countries.	<u>Higher Thinking Skills Based</u> Illustrate the Geographical and political units of India and Deptt. of Geography Sophia Girls College, Ajmer	
	Climate and climatic regions, Vegetation, Agriculture, Livestock,	Temperate winds, Temperate inversion	PPT, Demonstration			
	Mineral Resources, Power Resources, Industries, Trade, Population, Political relations.	Understanding of resource potential.	PPT, Case Studies.			

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