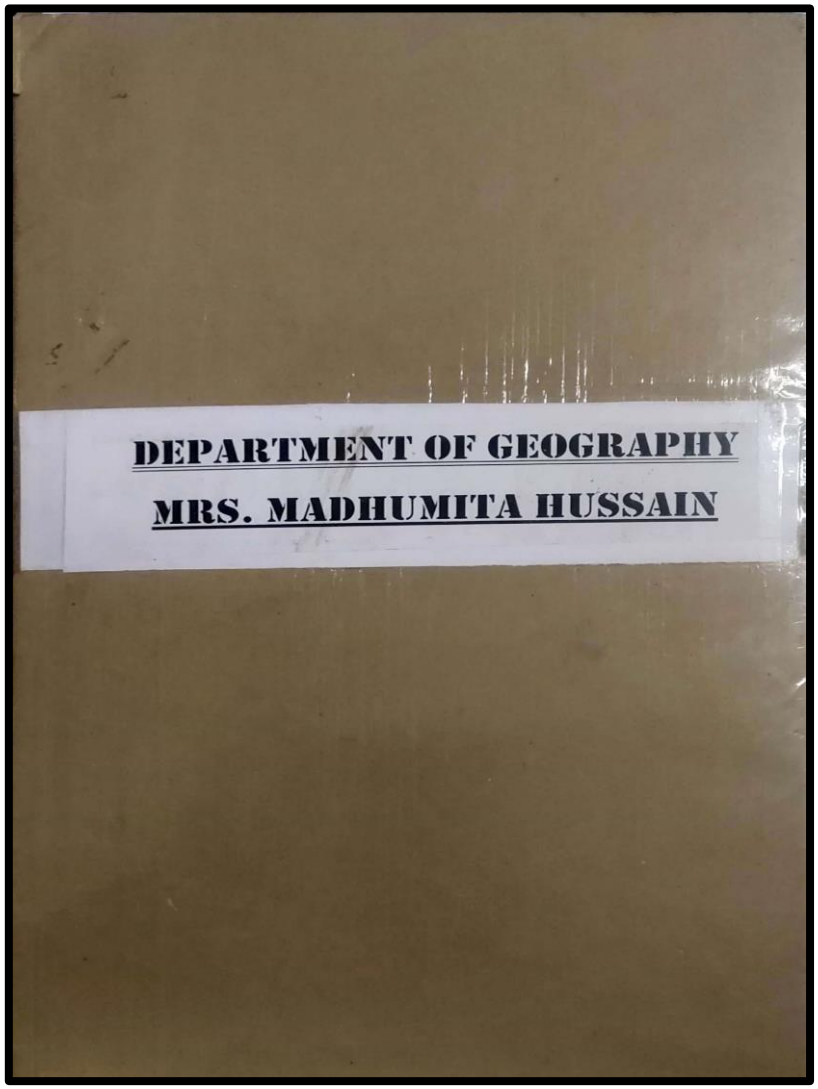
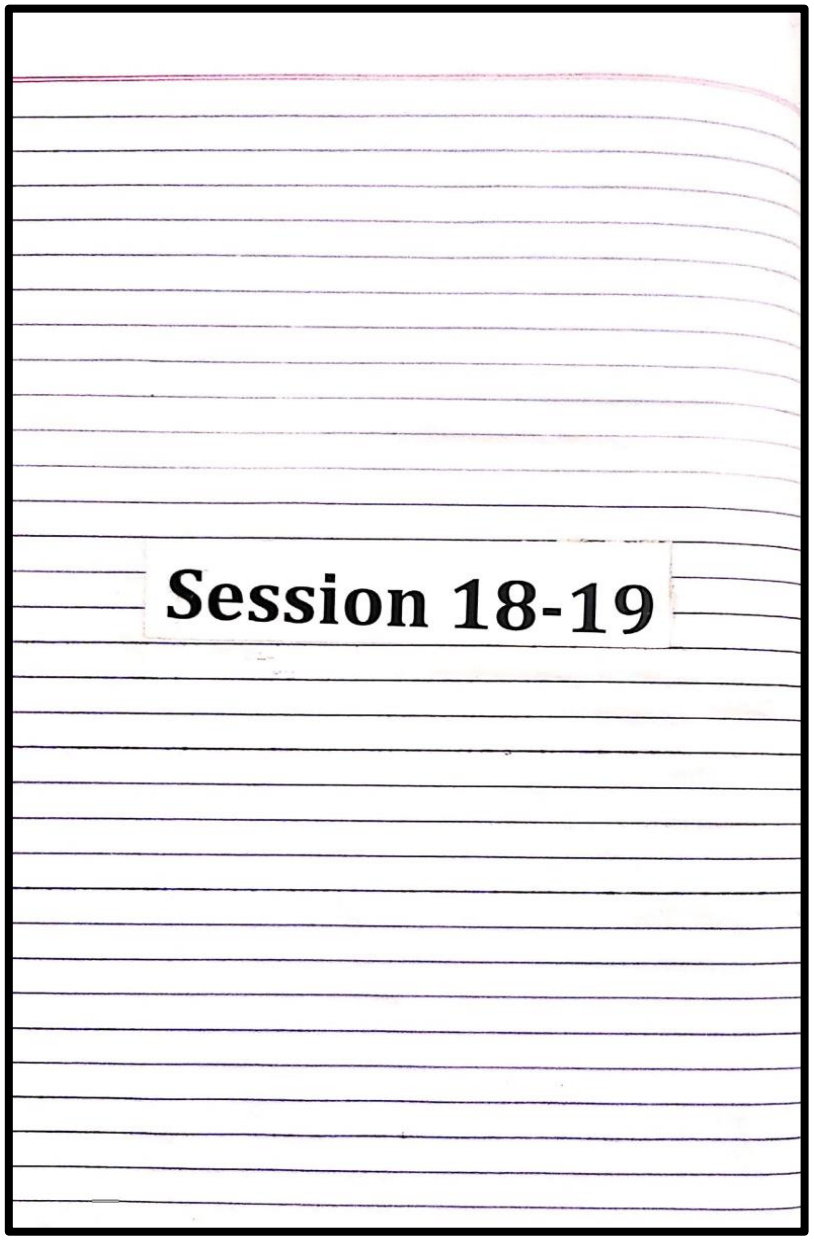
SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER



COURSE_PLAN_2018-19_MRS_MADHUMITA_HUSSAIN


Session 18-19

SOPHIA GIRL'S COLLEGE, AJMER (*AUTONOMOUS*)

B.A SEMESTER I PHYSICAL GEOGRAPHY–I (PAPER I)

(Elements of Geomorphology) (GEO-101)

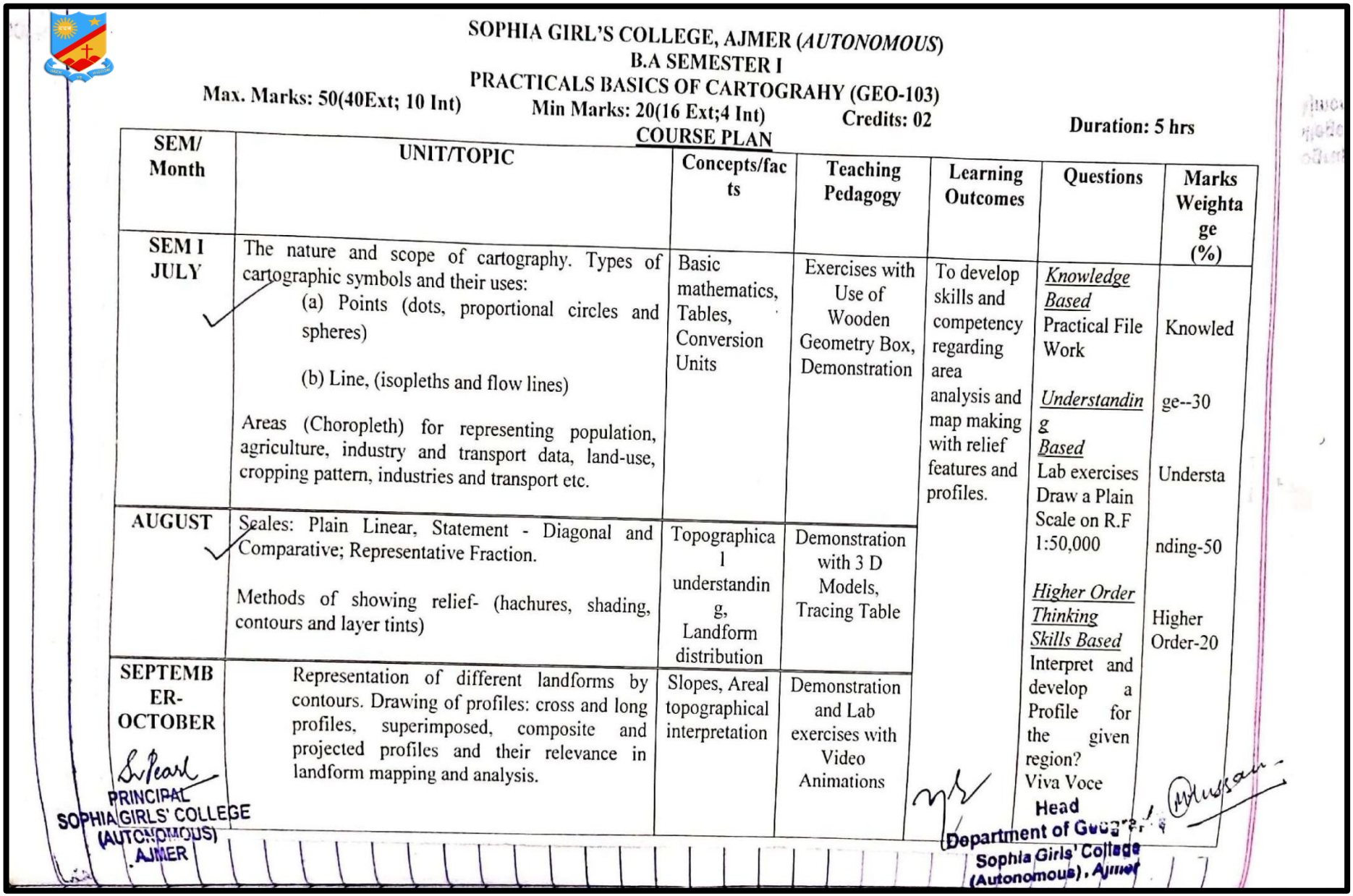
Max. Marks : 75 (50Ext; 25 Int) Min. Marks: 30(20 Ext;10 Int) Credit: 03

COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	**UNIT I** Solar System; Geological Time Scale; Origin of the Earth- Kant, Chamberlin and James Jeans, Big Bang Theory;	Ice age, Super Nova,	PPT, Chart, Maps, Visual 3- D Models	Identify the concepts of origin of earth and landform.	*Knowledge Based* 1. What is Solar System? 2. Illustrate the different layers of Earth's Interior? *Understanding Based* 1. Compare the Continental Drift Theory and the concept of Plate Tectonics? 2. Classify the different landforms formed by the action of river? *Higher Order Thinking Skills Based* 1. Justify the present distribution of world continents and oceans on the basis of Harry Hess's Plate Tectonics Theory? 2. Critically evaluate the concepts of Sea Floor spreading?	Knowledge —60 Understanding-20 Higher Order-20
	Earth's interior' Structure and zoning of the Earth's interior;	Law of Floatation	Quiz, Demonstration			
	Forces of the Earth: Endo-genetic and Exo-genetic, Folds and Faults	Buoyancy & Gravitation	Maps, Flow Charts			
AUGUST	**UNIT II** Origin of Continents and Oceans- Theory of Continental Drift (Wegener's Drift theory); Theory of Isostacy;	Climatic Zones, Layers of the earth,	Diagrams, Models, demonstration through Globe	Illustrate the different forces acting over the earth.		
	Theory of Plate tectonics[2], Sea-floor spreading; Volcanoes: Occurrence, types, distribution and related landforms;	Himalayan Disturbances,	Diagrams, Models, demonstration through Globe			
	Earthquakes: Occurrence, distribution and related landforms[3]	Seismography	Maps, Diagrams, Models, Demonstration			
SEPTEMBER-OCTOBER	**UNIT III** Rocks: Types- Igneous, Sedimentary and Metamorphic;	Geological Structure, Fossils, Interior of the earth, Landforms	Demonstration through rock samples	Compare and analyze the different cycles of landform erosion and their processes.		
	Denudation: Weathering- types and results, Erosion- Concept of Cycle of erosion.	Exogenetic Forces of the earth, Agents erosion	PPT, Demonstration			
	Agents of erosion- Works of river, glaciers, wind (arid and semi-arid), waves and Karst.	Stages of development, World Physiography	PPT, Case Studies, Flipped Classroom			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer



SOPHIA GIRL'S COLLEGE, AJMER (*AUTONOMOUS*)

B.A SEMESTER I

PRACTICALS BASICS OF CARTOGRAHY (GEO-103)

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 (%)
SEM I JULY	The nature and scope of cartography. Types of cartographic symbols and their uses: (a) Points (dots, proportional circles and spheres) (b) Line, (isopleths and flow lines) Areas (Choropleth) for representing population, agriculture, industry and transport data, land-use, cropping pattern, industries and transport etc.	Basic mathematics, Tables, Conversion Units	Exercises with Use of Wooden Geometry Box, Demonstration	To develop skills and competency regarding area analysis and map making with relief features and profiles.	*Knowledge Based* Practical File Work *Understanding Based* Lab exercises Draw a Plain Scale on R.F 1:50,000 *Higher Order Thinking Skills Based* Interpret and develop a Profile for the given region? Viva Voce	Knowled ge--30 Understa nding-50 Higher Order-20
AUGUST	Scales: Plain Linear, Statement - Diagonal and Comparative; Representative Fraction. Methods of showing relief- (hachures, shading, contours and layer tints)	Topographical understanding, Landform distribution	Demonstration with 3 D Models, Tracing Table			
SEPTEMBER-OCTOBER	Representation of different landforms by contours. Drawing of profiles: cross and long profiles, superimposed, composite and projected profiles and their relevance in landform mapping and analysis.	Slopes, Areal topographical interpretation	Demonstration and Lab exercises with Video Animations			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)

B.A SEMESTER III

PRACTICAL: INTERPRETATION OF TOPOGRAPHICAL MAPS

(GEO-303)

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 (%)
SEM I JULY	**Interpretation of Topographical Map.** a. Primary Information (About Indexing, latitude and longitude explanations and administrative setup)	Basic mathematics, Tables, Conversion Units	Exercises with Use of Wooden Geometry Box, Demonstration	Develop understanding of the Topographical landscapes in consonance to Survey of India Toposheets and asses their regional differentiation.	*Knowledge Based* Practical File Work *Understanding Based* Lab exercises Draw a Plain Scale on R.F 1:50,000 *Higher Order Thinking Skills Based* Interpret and develop a Profile for the given region? Viva Voce	Knowledge--30 Understanding-50 Higher Order-20
AUGUST	b. Arrangement and Identification of Toposheets of India. c. Use of Conventional signs and symbols; d. Methods of representing relief on map contours level colouring spot heights, benchmarks.	Topographical understanding, Landform distribution	Demonstration with 3 D Models, Tracing Table			
SEPTEMBER-OCTOBER	e. Identification of relief features on a map through contours – conical hill, plateau, ridge, v-shaped valley, escarpment, cliff, waterfall, types of slopes (uniform, undulating, convex and concave, gentle and steep); Interpretation of Relief, Drainage, Settlements, Land-use, Vegetation and Transport network on Toposheets f. Drawing of a cross-section or a profile from.	Slopes, Areal topographical interpretation	Demonstration and Lab exercises with Video Animations			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)

B.A SEMESTER V

REGIONAL GEOGRAPHY OF THE WORLD: (USA, France, Brazil) (PAPER I) (GEO-502)

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** USA: Physiography, Drainage, Climate, Natural Vegetation, Agriculture Belts, Soil, Minerals,	Polar winds, Gulf stream,	PPT, Chart, Maps, Visual Models	Develop geographical understanding of USA and analyze its economic development.	*Knowledge Based* 1. Illustrate the physiographic features of USA. 2. Discuss the minerals distribution of France and USA.	Knowledge--40
	Power: Coal and Petrol, Industries: Iron and Steel and Engineering,	Inland waterway, Geology of rocks.	Match the following, Quiz,			
	Spatial distribution of Population and its economic development, Infrastructural development in terms of transport network.	Ecumene, Localisation factors.	Maps, Flow Charts			
AUGUST	**UNIT II** France: Physiography, Drainage, Climate, Natural Vegetation, Minerals,	Temperate cyclones, Geology of rocks.	Diagrams, Models, demonstration through Globe	Develop geographical understanding of France and analyze its economic development.	*Understanding Based* 1. Illustrate the climate of France. 2. Discuss the population distribution of USA.	Understanding-35
	Power resources: Coal and Petrol, Industrial Regions: Paris Basin,	Extraction of resources.	Diagrams, Models, demonstration through Globe			
	Spatial distribution of Population and its economic development.	Optimum population, migration.	Maps, Diagrams, Models, Demonstration			
SEPTEMBER-OCTOBER	**UNIT III** Brazil: Physiography, Drainage-Amazon and Oronico basin, Climate, Natural Vegetation,	Grasslands, Forest ecosystem, ocean currents near the coastal regions.	Diagrams, Models, demonstration through Globe	Develop geographical understanding of Brazil and analyze its economic development.	*Higher Order Thinking Skills Based* 1. Compare the climatic features of Brazil and USA. 2. Discuss the [illegible] produce in Brazil.	Higher Order-25
	Agriculture-Plantation Crops, Minerals, Power resources, Industries,	agro-forestry, Geological structure.	PPT, Demonstration			
	Spatial distribution of Population, Economic Development and Urbanization.	Ecumene, Migration.	PPT, Case Studies, Flipped Classroom			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)
M. A/M.Sc. GEOGRAPHY (Previous) SEMESTER I
GEOGRAPHICAL THOUGHT (GEOM-101)

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 JULY	**UNIT I** The nature and scope of geography; Elements of geography: location on the surface of the Earth, physical conditions, forms of life and human responses;	Origin of the subject, environmental determinism.	PPT, Diagrams, Flow Charts.	Recognize the elements of Geography and trace the evolution of the subject.	*Knowledge Based* Summarize the elements of geography.	
	Development of modern geography in India;	Latest tools and techniques.	Flipped Classroom, Diagrams.			
	Geography of Vedic age and Geography of Purana: Dwipa, Ocean, River and Mountain systems.	Vedas & Upnishadas	Maps, Flow Charts, PPT.		*Understanding Based* Examine the contributions of Arab Geographers.	Knowledge--
AUGUST	**UNIT II** Ancient classical Geography: Contribution of Greek and Roman; Dark Age and contribution of Arab Geographers;	Evolution of Mankind.	Charts, Demonstration through Maps.	Discover and develop understanding about the contributions of various schools of Geographical Thought.		40
	Late medieval Geography: Age of travels, exploration and discoveries; German school of Geography: Contribution of Humboldt, Ritter and Ratzel;	Geographical understanding of countries.	PPT, Maps, Flow Charts			Understanding
	School of French Geography: Contribution of Blache and Brunhes; British and American school of Geography: Contribution of Mackinder, Herbertson, Miss Semple, Huntington and Davis.	Geographical understanding of countries.	Diagrams, Charts, Demonstration through Maps.		*Higher Order Thinking Skills Based*	-30
SEPTEMBER-OCTOBER	**UNIT III** Dualism in Geography: Man-environment relationships (Determinism, Possibilism and Concept of Neo-determinism), Physical and Human, Systematic and Regional;	Ecological balance, forces of nature.	Flipped Classroom, PPT, Class discussions.	Identify and focus on the various geographical concept and dichotomy in the subject.	Elaborate the concept of Dualism in Geography.	Higher Order-30
	Quantitative revolution in geography; Behavioural Geography;	Development of the subject.	PPT, Class discussions.			
	Major Concepts in Geography: Terrestrial unity, Pragmatism, Idealism, Positivism, Radicalism, Areal differentiation.	Human ideologies.	PPT, Flipped Classroom			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

COURSE_PLAN_2018-19_MRS_MADHUMITA_HUSSAIN

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)

M. A/M.Sc GEOGRAPHY — SEMESTER I

PRACTICAL GEOGRAPHY — (GEOM-105)

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 AUGUST	The Art and science of Cartography: History of Maps, Types and uses of Cartographic symbols- point, line and area symbols.	Basic mathematics, Tables, Conversion Units	Exercises with Use of Wooden Geometry Box, Demonstration	Create, develop and interpret weather maps and understanding of the Topographical landscapes in consonance to Survey of India Toposheets and asses their regional differentiations	*Knowledge Based* Practical File Work *Understanding Based* Lab exercises Draw a Plain Scale on R.F 1:50,000 *Higher Order Thinking Skills Based* Interpret and develop a Profile for the given region? Viva Voce	Knowledge--20 Understanding-50 Higher Order-30
	Weather maps: Study and interpretation of January and July months. Study of Topographical sheets: Scheme of Indian Toposheets.	Topographical understanding, Landform distribution	Demonstration with 3 D Models, Tracing Table			
SEPTEMBER-OCTOBER	Data: Types, Sources and Tabulation; Graphical Representation. Graphs: Frequency Curve, Frequency Polygon, Histogram, Ogive. Diagrams: Simple and Compound wind rose, Climograph, Hythergraph and Climatograph	Slopes, Areal topographical interpretation	Demonstration and Lab exercises with Video Animations			

PRINCIPAL
SOPHIA GIRLS COLLEGE
(AUTONOMOUS)
AJMER

Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

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/ Month	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.	***Knowledge Based*** Enumerate the concepts of centralisation and de-centralisation. ***Understanding Based*** Correlate the methods of measuring the spatial distribution of manufacturing industries with the major industrial regions of the world. ***Higher Order Thinking Skills Based*** Evaluate the environmental degradation caused by manufacturing industries Industrial hazards and occupational health.	Knowledge--30 Understanding-40 Higher Order-30
	centralization and decentralization of industrial enterprises; horizontal, vertical and diagonal linkages of modern industries;	Forward and backward linkages.	Match the following, Quiz,			
	Theories and models of industrial location: Weber, Losch, Isard and Hoover.	Locational triangle,Isodapane	Maps, Flow Charts			
AUGUST	**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.		
	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,			
SEPTEMBER-OCTOBER	**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.		
	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			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)
M. A/M.Sc GEOGRAPHY (Final) **SEMESTER III**
SOCIAL GEOGRAPHY (a) **(GEOM-304)**

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	**UNIT I** Nature and development of social geography;	Society and social structure.	PPT, Chart, Maps, Visual 3-D Models	Discuss the knowledge of formation of societies and social consciousness.	*Knowledge Based* Discuss the measurement of human development with social, economic and environmental indicators. *Understanding Based* Explain the concepts of social well-being, physical quality of life, *Higher Order Thinking Skills Based* Speculate Social, Higher Order and environmental impact assessment of development projects.	Knowledge--30 Understanding--40 30
	philosophical bases of social geography-Positivists, structuralist, radical, humanist, post-modern and post structuralist;	Social transformation	Match the following, Quiz,			
	social geography in the realm of social sciences. Space and society: Understanding society and its structure and process.	Society and social structure.	Maps, Flow Charts			
AUGUST	**UNIT II** Social differentiation and region formation; bases of social region formation; role of race, caste, ethnicity; religion and languages;	Society and space	Diagrams, Models,	Explain the formation of regions with respect to various social parameters.		
	Indian unity and diversity; social transformation and change in India. Social well-being: Concepts of social well-being, physical quality of life,	Social well-being, Holistic development	Diagrams, Models, Globe.			
	Human development; measurement of human development with social, economic and environmental indicators.	HHI ,HDI	Maps, Diagrams,			
SEPTEMBER-OCTOBER	**UNIT III** Rural urban deprivation in India with respect to health care; education and shelter; deprivation and discrimination issues relating to women and under privileged groups, Patterns and bases of rural and urban society.	rural and urban societies.	Maps, Flow Charts	Speculate public policies and evaluate social planning system in India.		
	Public policy and social planning in India: review of Five year Plans and area plans towards social policy in India; Strategies to improve social well-being in tribal, hill, drought and flood prone areas;	rural and urban societies	PPT, Demonstration			
	Social and environmental impact assessment of development projects.	Five year planning	PPT, Flipped Classroom			

Sr Pearl
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

COURSE_PLAN_2018-19_MRS_MADHUMITA_HUSSAIN

SOPHIA GIRL'S COLLEGE, AJMER (*AUTONOMOUS*)

B.A SEMESTER II

PHYSICAL GEOGRAPHY –II PAPER I (GEO-201) (Climatology and Oceanography)

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 II DEC	**UNIT I** Definition and Significance of Climatology; Composition and structure of the atmosphere;	Concept of Climate and Weather,	PPT, Chart, Maps, Visual 3- D Models	Understand the meaning and significance of climatology	*Knowledge Based* 1. Illustrate the composition and structure of atmosphere. 2. Distinguish between planetary and periodic winds.	Knowled
	Atmospheric Temperature: Vertical and Horizontal distribution of temperature; Atmospheric pressure and Pressure belts;	State Conversions, Relationship between Temperature and pressure	Match the following, Quiz, Demonstration			ge--55
	Winds: Planetary, Periodic and Local winds; Hydrological cycle	Global Climatic Zones	Maps, Flow Charts		*Understanding Based* 1. Discuss the horizontal and vertical distribution of temperature. 2. Define cyclones and their types.	Understa
JAN	**UNIT II** Air masses; Fronts: Concept, classification and properties;	Atmospheric Circulations	Diagrams, Models, Globe.	Explain various climatic phenomenon and deduce measures to control global warming.		nding-30
	Cyclones: Tropical and Temperate cyclones;	Pressure circulation, Western Disturbances.	Diagrams, Models, demonstration through Globe.			
	Climatic classification of Koppen and Thornwait; Atmospheric pollution; Global warming	Ozone depletion, Greenhouse gases.	Maps, Diagrams, Models		*Higher Order Thinking Skills Based* 1. Explain the origin and development of coral reefs. 2. Discuss the importance of ocean currents.	Higher Order-15
FEB TO MARCH	**UNIT III** Definition and significance of Oceanography; Ocean Bottom Relief: Atlantic, Pacific and Indian Ocean;	Plate movements, Formation of Trenches.	PPT, Maps and diagrams.	Define oceanography and elaborate the significance of oceans.		
	Distribution of Temperature and Salinity; Circulation of oceanic waters- Tides: Concept and types; Currents: Atlantic, Pacific and Indian ocean;	Factors affecting salinity, Fishing Grounds.	PPT, Demonstration			
	Coral Reefs: Types, Darwin's Subsidence Theory.	Great Barrier Reef,	PPT, Flipped Classroom.			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

COURSE_PLAN_2018-19_MRS_MADHUMITA_HUSSAIN

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)

B.A SEMESTER IV

PRACTICAL: MAP PROJECTIONS (403)

Max. Marks: 50(40Ext; 10 Int) Min Marks: 20(16 Ext;4 Int) Credits: 02 Duration: 4 hrs

COURSE PLAN

SEM/ Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM IV DEC	**Map projections:** 1. Maps – Grids of latitude and longitudes.	Basic mathematics, Tables, Conversion Units	Exercises with Use of Wooden Geometry Box, Demonstration	Enhance the knowledge about the size and shape of the Earth. Know Mathematical references to locate points on the Earth surface. Classify map projections and explain the use of particular projections for mapping purposes.	*Knowledge Based* Practical File Work *Understanding Based* Lab exercises Draw a Plain Scale on R.F 1:50,000 *Higher Order Thinking Skills Based* Interpret and develop a Profile for the given region? Viva Voce	Knowledg e--30 Understan ding-50 Higher Order-20
JAN	2. The globe and maps – their merits and demerits. 3. Classification of map projections.	Topographical understanding, Landform distribution	Demonstration with 3 D Models, Tracing Table			
FEB TO MARCH	4. Map projection –Basis, identification and uses: (a) Zenithal Equi-distant, Equal area, Orthographic, Stereographic, Gnomonic Projection (b) Cylindrical Equal – Area, Equi-distant, Mercator's Projection. (c) Conical Projection with one standard parallel.	Latitudes and longitudes, Degree and angles.	Demonstration and Lab exercises with Video Animations			

Sr Pearl

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)

B.A SEMESTER VI

EVNIRONMENTAL GEOGRAPHIY - (PAPER II) (GEO-601)

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 VI DEC	**UNIT I** Ecosystem: Concept, Types: Biotic and Non-Biotic, Structure and Function of an ecosystem:	Biomes, Ecological succession.	PPT, Chart, Maps, Visual 3- D Models	Classify the ecosystems and energy flow.	*Knowledge Based* 1. Define ecosystem and its functions. 2. Define biodiversity and its exploitation. *Understanding Based* 1. Explain the types of environmental pollution. 2. Classify the different Environment protection Acts. *Higher Order Thinking Skills Based* 1. Prioritize the importance environmental ethics. 2. Critically evaluate the nuclear hazards and their impacts.	Knowledge--40 Understanding-35 Higher Order-25
	Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems;	Salinity, latitudinal division of continents.	Match the following, Quiz,			
	Energy flow in the ecosystem, Food chains, Food webs and Energy pyramids.	Bio-accumulation and remediation.	Maps, Flow Charts			
JAN	**UNIT II** Biodiversity: Definition, Concept, In-situ and Ex-situ, Conservation;	Biodiversity hotspots, succession and development of plants.	Diagrams, Models, demonstration through Globe	Prioritize the importance and the need to conserve biodiversity.		
	Environmental Pollution: Definition, Cause, Types :- Air pollution, Water pollution, Soil pollution,	Sustainable Development Goals.	Diagrams, Models, demonstration through Globe			
	Marine pollution, Noise pollution, Nuclear hazards and Control measures.	Sustainable Development Goals, Government policies.	Maps, Diagrams, Models, Demonstration			
FEB-TO MARCH	**UNIT III** Environmental Ethics : Issues and possible solutions, Climate change,	International environmental agreements.	Demonstration through rock samples	Prioritize the importance environmental ethics.		
	global warming, acid rain, ozone layer depletion, nuclear accidents; Environmental Protection Act,	Government policies, Agenda-21, Kyoto Protocol.	PPT, Demonstration			
	Issues involved in enforcement of environmental legislation, Public awareness.	Social-corporate responsibility.	PPT, Case Studies, Flipped Classroom			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Department

COURSE_PLAN_2018-19_MRS_MADHUMITA_HUSSAIN

SOPHIA GIRLS' COLLEGE, AJMER (*Autonomous*)

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

POPULATION GEOGRAPHY (GEOM - 204)

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 II DEC	**UNIT I** Population Geography: Nature, Scope and Objectives; Development of Demography as a subject;	Demography, Factors affecting.	PPT, Chart, Maps.	Explain the development of demography and elaborate the concept of population.	*Knowledge Based* Summarize the development of demography and elaborate the concept of population. *Understanding Based* Examine the population dynamics of the world. *Higher Order Thinking Skills Based* Evaluate the theories of migration.	Knowledge--40 Understanding-30 Higher Order-30
	Sources of population data, their level of reliability, and problems of mapping of population data; Modern theories related to population distribution and growth;	Demography, Factors affecting.	PPT, Quiz.			
	population distribution, density and growth profile in India and world, Concepts of under population and over population, Ecumene.	Concept of Sustainable development	Flow Charts, Diagrams.			
JAN	**UNIT II** Population composition: age and sex, family and households, literacy, education, religion, caste and tribes,	Age pyramids, Factors affecting, Qualitative aspects of population.	Diagrams, Models, demonstration through Globe	Measure and discuss the population dynamics of the world.		
	rural and urban, urbanization, occupational structure, gender issues; Population composition of India;	Urban Sprawl, Slum development.	Diagrams, Models,			
	Population dynamics: Measurements of fertility and mortality.	Push and Pull Factors	Maps, Diagrams, Models, Demonstration			
FEB TO MARCH	**UNIT III** Migration: national and international patterns; Population and development:	Regional disparity	Demonstration through rock samples	Critically evaluate the population as a resource and population policies.		
	population-resource regions Population policies-	Government initiatives of regional planning.	PPT, Demonstration			
	National population policies of India; Human Development Index.	Social welfare and well-being, Happiness Index.	PPT, Case Studies, Flipped Classroom			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

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 IV 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.	*Knowledge Based* Discuss the geographical understanding of Pakistan and discuss its political relations with South Asian countries.	Knowledge--30
	Climate and climatic regions, Vegetation, Agriculture, Livestock.	Tropical cyclones, flooding	Match the following, Quiz,			Understanding-30
	Mineral Resources, Power Resources, Industries, Trade, Population, Political relations.	Resource potential.	Maps, Flow Charts			Higher Order--40
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.	*Understanding Based* 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, Srilanka, Bhutan, Maldives-Geographical and political units,	Geographical understanding of the study area.	PPT, Case Studies.	Develop geographical understanding of Nepal, Sri Lanka, Bhutan, and Maldives and discuss their political relations with South Asian countries.	*Higher Order Thinking Skills Based* Illustrate the Geographical and political units of India and its neighbours.	
	Climate and climatic regions, Vegetation, Agriculture, Livestock,		PPT, Demonstration			
	Mineral Resources, Power Resources, Industries, Trade, Population, Political relations.	Understanding of resource potential.	PPT, Case Studies.			

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Head
Department of Geography
Sophia Girls' College
(Autonomous), Ajmer

PRINCIPAL
SOPHIA GIRLS' COLLEGE

COURSE_PLAN_2018-19_MRS_MADHUMITA_HUSSAIN