



COURSE PLAN 2016-17 MS SHILPI YADAV



LESSON PLAN FOR THE SESSION

2016-2017

SEMESTER- I

B.A/HONS. PART- I

PAPER II - GEOGRAPHY OF RAJASTHAN

PAPER	PERIOD	TOPIC	OTHER ACTIVITIES
GEOGRAPHY OF RAJASTHAN	02:30-03:30 (Starting Date 10 th Sept)	Population: Qualitative and Quantitative aspects, Population Problems and Measures; Tribes of Rajasthan: Santhal, Meena, Bhils and Garasia, their problems and programmes for their development; Agriculture: Major crops-Bajra, Wheat, Gram, Jowar, Maize, Barley, Cash crops: Sugar cane, Cotton, Oil seeds, Agricultural Regions of the State, Dry farming.	Assignment of Rajasthan Geography, Map practice
Baday		Mineral Resources: Distribution of Metallic Minerals: Iron-ore, Zinc, Manganese, Lead, Silver, Copper, Tungsten. Non-Metallic: Gypsum. Mica, Feldspar, Asbestos, Silica, Quartz, Manganese, Limestone, Marble, Fertilizer Minerals. Power Resources- Coal, Petrol, Natural gas, Hydroelectricity, Wind, Atomic, Biogas etc., Problems and Measures; Industrial development: Cotton textile, Cement and Stone Industry; Tourism industry; Trade and Transport of Rajasthan.	Serena

Deptt. of Geography Sophia Girls College, Aimer SOPHIA GIRLS' COLLEGE (AUTONOMOUS)



LESSON PLAN FOR THE SESSION

2016-2017

SEMESTER-I

B.A/HONS. PART-I

PRACTICALS BASICS OF CARTOGRAHY

PAPER	PERIOD		TOPIC	OTHER
				ACTIVITIES
PRACTICALS BASICS OF CARTOGRAHY	02:30-03:30 (Starting I 20 th Sept)	Date	 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) (c) Areas (Choropleth) for representing population, agriculture, industry and transport data, land-use, cropping pattern, industries and transport etc. Scales: Plain Linear, Statement Diagonal and Comparative: Representative Fraction. 	Tracing of sheets in Geog. Lab Revision of Practical Syllabus PRINCIPAL IA GIRLS' COLLEGE AUTONOMOUS)
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LESSON PLAN FOR FHE SESSION

2016-2017

B.A II(SEMESTER III)

GEOGRAPHY OF INDIA -I (PAPER II)

PAPER	PERIOD		TOPIC	OTHER
GEO GE I PILIT	12 22 21 21		4	ACTIVITIES
GEOGRAPHY	12:30-01:30		UNIT - III	Assignments,
OF INDIA -I	(Starting 10 th Aug)	Date	Major Minerals: Metallic-Iron, Manganese, Chromite, Copper, Nickel, Lead, Zinc, Tungston, Bauxite, Gold, Silver, Non Metallic- Mice, Limestone, Dolomile, Asbestos. Atomic Minerals and Conservation.	Class tests and power point presentations
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LESSON PLAN FOR THE SESSION

2016-2017

M. A/M.Sc GEOGRAPHY (Previous)

SEMESTER I

GEOGRAPHICAL THOUGHT

PAPER	PERIOD	TOPIC	OTHER
			ACTIVITIES
GEOGRAPHICAL	09:00-10:00	UNIT-II	Assignments,
THOUGHT	(Starting Date 10 th Aug)	Ancient classical Geography- Contribution of Greek and Roman; Early Medieval	Class tests and
	10 Aug)	Geography and contribution of Arab	power point
,		Geographers. Late medieval Geography- age	presentations
		of travels, exploration and discoveries. German school of Geography- Contribution	
		of Humbolt, Ritter and Ratzel; School of	-
		French Geography- Contribution of Blache	9
		and Brunhes; British and American school of	
		Geography- Contribution of Mackinder, Herbertson, Miss Semple, Huntington and	A11
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Signature of the Teacher

Department of Geography

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LESSON PLAN FOR THE SESSION

2016-2017

M. A/M.Sc GEOGRAPHY (Previous)

SEMESTER I

MAN AND NATURAL ENVIRONMENT

PAPER	PERIOD	TOPIC	OTHER
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MAN AND	09:00-10:00	UNIT – III	Assignments and
NATURAL	(Starting Date 4th	Indian forest and vegetation types and	Class tests
ENVIRONMENT	Nov)	diversity of flora and fauna Endangered,	
		and Endemic Species; Threatened species,	
1 4 4	The second	Red data books. Biodiversity Conservation:	
		Biodiversity conservation; Convergence	-
		and divergence in species; Sustainable	
		exploitation and development; Strategies	
		for conservation, National Forest Policy,	
		Biodiversity Act., Wild-life Protection Act	. •
O'		of India. Conservation of National Parks	
Gadau		and Sanctuaries.	Louis
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LESSON PLAN FOR THE SESSION

2016-2017

M. A/M.Sc GEOGRAPHY (Previous)

SEMESTER I

POLITICAL GEOGRAPHY

PAPED	DEDIOD	TONG	No.
TALEK	FERIOD	TOPIC	OTHER
POLITICAL	00:00 10:00		
PAPER POLITICAL GEOGRAPHY Signature of the Tea	PERIOD 09:00-10:00 (Starting Date 22 th July)	SOPHIA G	OTHER ACTIVITIES Assignments, Class tests, Map practice and power point presentations Are of the Principal INCIPAL INCIPAL IRLS' COLLEGE DNOMOUS) JMER
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LESSON PLAN FOR THE SESSION

2016-2017

M. A/M.Sc GEOGRAPHY (Final)

SEMESTER III

PRACTICAL GEOGRAPHY: REMOTE SENSING TECHNIQUES

PAPER	PERIOD	TOPIC	OTHER
LWI DI			ACTIVITIES
PRACTICAL GEOGRAPHY: REMOTE SENSING TECHNIQUES	08:00-09:00 (Starting Date 15 th July)	 Historical development of remote sensing as a technology-Relevance of remote sensing in Geography-Concepts and basics: Energy source, energy and radiation principles, energy interactions in the atmosphere and earth surface features, remote sensing systems: platforms. sensors and radiation records. Satellite Remote Sensing: platforms-LANDSAT, SPOT, NOAAAVHRR, RADARSAT, IRS, INSAT: principles and geometry of scanners and CCD arrays, orbital characteristics and data products-MSS, TM, LISS I & II, SPOTPLA & MLA, SLAR. Image Processing: types of imagery, techniques of visual interpretation, ground verification, transfer of interpreted thematic information to base maps-digital processing: rectification and restoration, image enhancement, contrast manipulation, classification: supervised and unsupervised, post-classification analysis and accuracy assessment, microwave sensing: interpretation of SLAR imageries, elements of 	Composition of maps, satellite data collection, practice on software.
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LESSON PLAN FOR THE SESSION 2016-2017

B.A I (SEMESTER II)

HUMAN GEOGRAPHY (PAPER II)

PAPER	PERIOD	TOPIC	OTHER ACTIVITIES
HUMAN GEOGRAPHY	12:30-1:30 (Starting Date 11 th Jan)	UNIT-I Human Adaptation to the environment: (i) Cold region—Eskimo; (ii) Hot region Bushman, Beduin; (iii) Plateau—Gonds, Masai, (iv) Mountain — Gujjars, Nomads; Distribution of population: World distribution pattern - physical, economic and social factors influencing spatial distribution. Concepts of over, under and optimum population, Zero population growth.	Assignments and Class tests
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Signature of the Teacher

Deptt. of Geography
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Signature Of the Principal

SOPHIA GIRLS' COLLEGE (AUTONOMOUS) AJMER

2016-2017

SEMESTER-II

B.A/HONS. PART-I

PRACTICALS SOCIO-ECONOMIC SURVEY

PAPER	PERIOD	TOPIC	OTHER ACTIVITIES
PRACTICALS SOCIO- ECONOMIC SURVEY	02:30-03:30 (Starting Date 2 nd Jan)	 Conduct a socio-economic survey of the Village Households with the help of a questionnaire. Supplement the information by personal observations and perceptions. Based on the results of socio-economic and landuse enquiry, prepare a Field Survey Report for the Village. Maps diagrams, photographs and sketches should support the report. SOPH 	Tracing of sheets in Geog. Lab Revision of Practical Syllabus PRINCIPAL A GIRLS' COLLEGE UTONOMOUS)
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		A II(SEMESTER IV)	
	GEOGRA	APHY OF INDIA -I (PAPER II)	
PAPER	PERIOD	TOPIC	OTHER
	12:30-01:30	UNIT-I	ACTIVITIES Assignments,
GEOGRAPHY OF INDIA -I	(Starting Date	0111-1	Class tests and
OF INDIA -1	19 th Dec)	Thermal Power - Coal- Types, Distribution	power point)
		and Production. Petroleum- Origin and Occurrence, Reserves and Production.	presentations
		Natural Gas- Reserves and Production.	
		Hydro electricity, Nuclear Energy: Distribution and Production, The status of	20
		their use and need for conservation. Non-	0
		Conventional Sources of Energy: Solar	Serva
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		2016-2017	
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		EMESTER II	*
PRACTICA	AL GEOGRAPI	HY: AIR PHOTO INTERPRETA	TION
PAPER	PERIOD	TOPIC	OTHER ACTIVITIES
PRACTICAL GEOGRAPHY: AIR PHOTO INTERPRETATION	09:00-10:00 (Starting Date 5 th Jan)	Geometric fundamentals of photogrammetry: Elements of vertical photographs, relief displacement, image parallax, streoscopic, ortho photos air photo interpretation: shape, size, pattern, tone texture, shadows, site.	Revision of Practical Syllabus
Signature of the Teache	er Der	t of Geography Signa	ture AMER Princip
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LESSON PLAN FOR THE SESSION

2016-2017

M. A/M.Sc GEOGRAPHY (Final)

SEMESTER IV

GEOGRAPHY OF SOUTH ASIAN COUNTRIES

(PAKISTAN, NEPAL, BANGLADESH, SRILANKA)

PAPER	PERIOD	TOPIC	1 1		OTHER
			1		ACTIVITIES
GEOGRAPHY OF SOUTH ASIAN COUNTRIES (PAKISTAN, NEPAL, BANGLADESH, SRILANKA) Signature of the Te	08:00-09:00 (Starting Date 15 th Dec)	Homogeneity a Pakistan-Geogra Climate and cli	ical relations.	study of cal units, egetation, esources, Trade properties (AUT)	Assignments, Class tests, an Videos
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10.0	LESSON	PLAN FOR THE SESSION	
		2016-2017	
M. A/M.Sc GEOGRAPHY (Final)			
SEMESTER IV			
PRACTICAL GEOGRAPHY: GEOGRAPHIC INFORMATION SYSTEM			
APPLICATION			
PAPER	PERIOD	TOPIC	OTHER
	00.00.00	Di	ACTIVITIES
PRACTICAL GEOGRAPHY:	08:00-09:00 (Starting Date 5 th	 Elements of GIS: Data capture- verification and preprocessing-data 	Composition
GEOGRAPHIC	Jan)	storage and maintenance of	maps, satelli
INFORMATION		databases-Database Management	practice o
SYSTEM		Systems: types and merits and demerits-data manipulation, analysis	software.
APPLICATION		(integrated analysis of spatial and	
	7	attribute data, overlay analysis,	
		neighbourhood operations and connectivity functions) and spatial	
		modeling-output format and	
		generation.	
		 GIS Technology: Coordinate 	
		system-basic principles of	
		cartography and computer assisted cartography for GIS-remote sensing	
	5	data as a data source for GiS and	
W.		integration of GIS and Remote	
		Sensing-GPS and GIS: technology,	
		data generation and limitations- visualization in GIS-Digital	
	-61	Elevation Models (DEM and TINS).	
		GIS Application: GIS as a Decision Support,	Service
	14	System-expert system for GIS-basic flow chart for GIS application-GIS standards,	Divona
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