

Kanya Mahavidyalaya, Kharkhoda (Sonepat)

Lesson Plan Session 2020-21

Name of the Assistant/Associate Professor: MS. NISHA
Class and Section: B.A FINAL YEAR
Subject: GEOGRAPHY
Paper: ECONOMIC GEOGRAPHY
Year/Semester: 5 th SEMESTER

06 Oct. 2020 to 05 Nov. 2020

Month/Week	Topic
October (Week-2)	ECONOMIC GEOGRAPHY: meaning , definition, nature and scope of economic geography, branches and relation of economic geography with economics and other social science, importance of economic geography.
October (Week-3)	Classification of economic activities: economic activities meaning and types, primary activities, secondary activities, tertiary activities, quaternary activities, quinary activities.
October (Week-4)	World natural resources: meaning and definition of natural resources, classification of resources on the basis of continuity and eventually to use, on the basis of origin, on the basis of the aim of utility, resource conservation is resources development.
November (Week-1)	Utilization and conservation of natural resources: biotic resources: vegetation resources, animal resources; Abiotic resources: water resources, mineral resources; Resources conservation: meaning, need for conservation, conservation of soil, water, air, forest, mineral resources.

06 Nov. 2020 to 05 Dec. 2020

Month/Week	Topic
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November (Week-2)	AGRICULTURE RESOURCES: meaning and importance of agriculture; Food crops: rice and wheat and their methods of plantation and distribution all over the world.
November (Week-3)	Commercial crops: cotton and sugarcane and their plantation and distribution all over the world; Plantation crops: tea, coffee, rubber and their distribution all over the world.
November (Week-4)	MINERAL RESOURCES: meaning and definitions of minerals, classification of mineral resources (ferrous and non- ferrous), distribution and production of coal, iron ore, petroleum and natural gas.
December (Week-1)	MANUFACTURING INDUSTRIES: meaning, characteristics, location of industries, classification of manufacturing industries; concept of high tech industry, changing trends of industrial world.

06 Dec. 2020 to 05 Jan. 2021

Month/Week	Topic
December (Week-2)	IRON AND STEEL INDUSTRY: location of iron and steel industry, world distribution of iron and steel industry.
December (Week-3)	TEXTILE INDUSTRY: location and world distribution of textile industry; INDUSTRIAL REGIONS OR INDUSTRIAL COMPLEXES OF THE WORLD.
December (Week-4)	TRANSPORT AND COMMUNICATION: increased significance of transport and communication, transport-meaning and modes, geographical factors in their development
January (Week-1)	Modes of transport through ppt.

05 Jan. 2021 to 06 Feb. 2021

Month/Week	Topic
January (Week-2)	Major modes of water, land, and air transport in the world; communication-satellite communication, cyber space: internet
January (Week-3)	Assignment and revision test.
January (Week-4)	INTERNATIONAL TRADE: meaning of international trade, history of international trade, basis of international trades, important aspects of international trades, types of international trade.

February (Week-1)	Case for free trade, world trade organization, recent trends in international trade, regional trade blocks,
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06 Feb. 2021 to 25 Feb. 2021

Month/Week	Topic
February (Week-2)	World trade organization and patent protection in agriculture
February (Week-3)	Main advantage of international trade, main disadvantage of international trade, international trades of major countries of the world, GATT and world trade organization.
February (Week-4)	Revision: oral and written

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Lesson Plan Session 2020-21

Name of the Assistant/Associate Professor: MS. NISHA
Class and Section: B.A FINAL YEAR
Subject: GEOGRAPHY
Paper: INTRODUCTION TO REMOTE SENSING AND G.I.S & QUANTITATIVE METHODS
Year/Semester: 6 th SEMESTER

15 April 2021 to 15 May 2021

Month/Week	Topic
April(Week-3)	AERIAL PHOTOGRAPH: Introduction, meaning, history of aerial photography, development of aerial photography in India, application of aerial photo, types of aerial photos, geometry of aerial photos, scale of aerial photos, methods of aerial photography.
April (Week-4)	INTERPRETATION OF AERIAL PHOTOGRAPHS: Image interpretation, basic principle of interpretation of aerial photos,

	factor affecting the interpretation of aerial photographs, elements of image interpretation.
May (Week-1)	BASIS OF AERIAL PHOTOGRAPH INTERPRETATION: tone, shade, size, shape, pattern, association, location, resolution; methods of interpretation of aerial photographs, purpose and benefits of aerial photo interpretation.
May (Week-2)	REMOTE SENSING: meaning and definition, fundamental of remote sensing, stages of remote sensing; electromagnetic spectrum, utility and fundamentals of electromagnetic spectrum.

16 May 2021 to 15 June 2021

Month/Week	Topic
May (Week-3)	ZONES OF REMOTE SENSING: gamma ray zones, ultraviolet zones, visible zone, infrared zone, microwave zone, radar wave zone; multi-spectral concept, orbital paths of satellites.
May (Week-4)	TYPES OF REMOTE SENSING SATELLITES: Geostationary satellite, polar satellite, swath of satellite; sensors or sensing systems, multi-spectral scanner and its types.
June(Week-1)	TYPES OF RESOLUTION IN REMOTE SENSING: spatial resolution, spectral resolution, radiometric resolution, temporal resolution; interpretation of physical and cultural features; remote sensing in India.
June (Week-2)	IMAGERIES AND THEIR APPLICATION: introduction and definition, types of images, classification of images, merits and demerits of images, application of imageries.

16 June 2021 to 15 July 2021

Month/Week	Topic
June (Week-3)	GEOGRAPHICAL INFORMATION SYSTEM: Meaning and definitions, data base in G.I.S., sources of data in G.I.S, types of data in G.I.S, sequence of activities of G.I.S
June (Week-4)	OBJECTIVES OF G.I.S: planning and G.I.S, elements of G.I.S, advantages of G.I.S, geo-information technique, , concept of space and time in S.I.S.
July (Week-1)	APPLICATION OF GEOGRAPHICAL INFORMATION SYSTEM: technological development and G.I.S, G.I.S and categories of consumers, case studies of using G.I.S.
July (Week-2)	MEASURES OF CENTRAL TENDENCY: MEAN, MEADIAN, MODE: meaning and definitions of statistics, classification of statistical

	data, calculation and tabulation of data.
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16 July 2021 to 05 August 2021

Month/Week	Topic
July (Week-3)	STATISTICAL SERIES: individual series, frequency distribution series: discrete series and continuous series; meaning and definition of central tendency.
July (Week-4)	TYPES OF STATISTICAL AVERAGES: mathematical mean/averages, positional averages: median and mode in details with their merits and demerits.
August (Week-1)	REVISION: ORAL AND WRITTEN TEST