

14. Geography

Bachelor Level (3 year)/III Year/Humanities, 2068

Geography (315)

Time: 3 hrs.

315 'A' GEOGRAPHY

Full Marks: 50

Attempt ALL the questions.

1. Discuss the scope and significance of agriculture geography.
OR 10
Discuss briefly the agricultural location theory of Von Thunen and its application in the present context.
2. Write short answers on any FOUR of the following: 4x6=24
 - a. Commodity approach
 - b. Impact of climate on agriculture
 - c. Role of market-facility in agriculture
 - d. Game theory
 - e. Effect of rural urban migration on Nepalese agriculture
 - f. Plantation farming
3. Write short notes on any FOUR of the following: 4x4=16
 - a. Man-land ratio
 - b. Contour farming
 - c. Bio-chemical input
 - d. Monoculture
 - e. Intensive farming
 - f. Flood problem in Nepal

315'B' POLITICAL GEOGRAPHY

50

Attempt ALL the questions.

1. Evaluate the validity of different types of political regionalization of Nepal.

Explain Ratzel's laws of spatial growth of state.

2. Write short answers to any FOUR: 4x6=24
- Factors of the development of capital cities
 - Behavioural model
 - Boundaries as economic barrier
 - The Core-Area Concept
 - Problems of landlocked countries
 - Mackinder's Geo-strategic views
3. Write short notes on any FOUR: ""
- Geo-politics
 - World system approach to political geography
 - Mal apportionment
 - Natural boundaries
 - Heartland
 - Frontier

315'D' GEOGRAPHICAL THOUGHT

Full Marks:50

Attempt ALL the questions.

1. 'Geography is a discipline of synthesis.' Explain the statement in the context of recent geographical trend.

OR

10

'Alexander Von Humboldt is universally acclaimed as the father of modern geography.' Explain.

2. Write short answer to any FOUR: 4x6=24
- Geography is an empirical science
 - Development of geographical knowledge in France
 - Renaissance period as the facts finding age
 - Development of geographic discipline in Nepal
 - Principle of unity: in diversity
 - Man as a creature of environment
3. Write short notes on any FOUR: 4x4=16
- Nile Valley Civilization.
 - Concept of region in geography
 - Dark age
 - Concept of transit point
 - Human ecology
 - Vidal de la Blache

315'E'TOURISM GEOGRAPHY

Full Marks: 50

Attempt ALL the questions.

1. Define tourism. Discuss the needs of sustainable development of tourism with reference to Nepal.

OR

10

What are the geographical components of tourism? Describe each of them.

2. Write short answers to any FOUR of the following: 4x6=24

- a. What do you mean by typology of tourists?
 - b. Elucidate the genesis of tourism destination.
 - c. What are the role and functions of Nepal Mountaineering Association (NMA)?
 - d. Why do people travel?
 - e. Highlights the significance of eco-tourism in Nepal.
 - f. How can planning help tourism for sustainable?
3. Write short notes on any FOUR of the following: 4x4=16
- a. System theory
 - b. Pacific Asia Travel Association (PATA)
 - c. Accessibility
 - d. Tourism resource
 - e. Demand side of tourism
 - f. Carrying capacity

315'G' REMOTE SENSING & GIS

Full Marks: 30

Attempt ALL the questions.

1. Explain the functions of GIS. [6]
OR
Explain the advantages of remote sensing.
2. Give brief answer to any THREE: [3x5=15]
 - a. Components of GIS
 - b. Use of GIS in land use planning
 - c. Image interpretation keys
 - d. Electromagnetic radiation
3. Write short notes on any THREE of the following: Px3=91
 - a. Digital elevation model
 - b. Vector data
 - c. Spectral resolution
 - d. Importance of raster data

Full Marks: 100

Geography (314)

Time: 3 hrs.

314 'B'

50

Attempt ALL the questions.

1. What are the major consequences of migration? 10
OR
Discuss briefly about the climatic factors affecting the distribution of population in Nepal.
2. Write short answer on any FOUR of the following: 4x6=24
 - a. Population density measures
 - b. Factors of population growth in Nepal
 - c. Different sources of population data
 - d. Causes of mortality decline in Nepal
 - e. Social consequences, of migration
 - f. Importance of population policies

3. Write short notes on any FOUR of the following: 4x4=16
- Under-five mortality rate
 - Economic consequences of migration
 - Internal migration
 - Infant mortality rate (IMR)
 - Population census
 - Agricultural density

314 'D' Environmental Geography 50

Attempt ALL the questions.

1. Describe different approaches of environmental geography and highlight on Holistic Approach. 10
- OR
- Explain earth's life support system in ecosystem management.
2. Write short answers on any FOUR: 4x6=24
- Different geo-ecological regions of Nepal
 - Different components of environment
 - Major environmental problems of Kathmandu Valley
 - Soil components and its properties
 - Major causes of forest degradation in Nepal
 - Bio-diversity and its types
3. Write short notes on any FOUR: 4x4=16
- Agro-forestry
 - Major watershed of Nepal
 - Environmental impact assessment (EIA)
 - Hydrological cycle
 - Types of pollution
 - Eco-farming

314 'G' Rural Development 50

Attempt ALL the questions.

1. Discuss the needs for rural development in a mountainous country like Nepal. 10
- OR
- What are the major development programmes adopted in the 10th national plans in Nepal? Describe.
2. Write short answers on any FOUR: 4x6=24
- Quantitative indicators of development with examples.
 - What is integrated Rural Development Approach?
 - What are the main causes of poverty? Describe briefly in rural context.
 - Differentiate between growth and development.
 - Describe role of local institutions in rural development
 - Why is land use planning important for development?
3. Write short notes on any FOUR: 4x4=16
- Community development approach
 - Natural Resource Management
 - Project cycle in development

- d. Irrigation and rural development
- e. Rural - urban migration
- f. Relative poverty

Tribhuvan University, 2069

Attempt ALL the questions.

1. What are major sources of population data? Briefly discuss their important and limitations. 10

OR

2. Explain the factors of even distribution of population in Nepal. 4x6=24

- a. Ethnic diversity in Nepal
- b. Definition of population geography
- c. Immigration and emigration
- d. Push and pull factors of migration
- e. Need of population education in Nepal
- f. Fecundity and fertility

3. Write short notes on any FOUR: 4x4=16

- a. Demography
- b. Dependency ratio
- c. Infant mortality rate (IMR)
- d. Life expectancy
- e. Arithmetic density
- f. Vital registration

314 'D' Environmental Geography

Attempt ALL the questions.

1. Define environmental geography and describe its approaches in brief. 10

OR

Define Environmental Impact Assessment (EIM) and discuss the processes of EIA in Nepal.

2. Write short answers on any FOUR: 4x6=24

- a. Bio-geochemical cycle and its components
- b. Global warming & its effect as agriculture system
- c. Problem of land pollution and landscape degradation
- d. Natural and human accelerated soil erosion
- e. importance of soil in ecosystem
- f. Major watershed areas of Nepal

3. Write short notes on any FOUR: 4x4=16

- a. Air pollution in Kathmandu Valley
- b. Desertification
- c. Strip farming
- d. Non-timber forest products
- e. Food chain
- f. Solar energy flow

314 'G' Rural Development

Attempt ALL the questions.

1. What do you mean by rural development? Critically evaluate the changing concept of rural development in Nepal. 10

OR

Explain the causes and consequences of rural to urban migration in Nepal with reference to Todaro Migration model.

2. Write short answers on any FOUR: 4x6=24
- Importance of integrated rural development approach for Nepal
 - Causes of poverty
 - Basic need approach in Nepal
 - Indicators of development
 - Role of organizations in rural development
 - Importance of land use planning in rural development
3. Write short notes on any FOUR: 4x4=16
- Project cycle
 - PRA
 - Social mapping
 - Relative poverty
 - Irrigation and rural development
 - NGOs

Tribhuvan University, 2069

Attempt ALL the questions.

1. Discuss the nature, scope and significance of agriculture geography. 10
- OR
- "Patterns of world agriculture are the result of physical and socioeconomic factors." Explain.
2. Write short answers on any FOUR of the following: 4x6=24
- Rice as the major cereal crop of Asia
 - Crop regions in Nepal
 - Commodity approach
 - Distribution and problems of population farming
 - Impact of agricultural subsidies
 - Land reform in Nepal
3. Write short notes on any FOUR of the following: 4x4=16
- Feminization of agriculture
 - Man-land ratio
 - Shifting cultivation
 - Transhumance
 - Agriculture inputs
 - Occupational approach

315 POLITICAL GEOGRAPHY

Attempt ALL the questions.

1. Describe basic elements and concepts of Wallerstein's "World System Approach" to political geography. 10
- OR
2. Explain the main features of political regionalization in Nepal.
2. Write short answers to any FOUR: 4x6=24
- Halford Mackinder's strategic Heartland
 - Centripetal and centrifugal forces regarding state existence
 - The concept of "Core and Periphery" in political geographic perspective

- d. Location of administrative headquarters in Nepal
 - e. Problems of landlocked countries
 - f. Proportional and inclusive representation
3. Write short notes on any FOUR: 4x4=16
- a. Lebensraum
 - b. Geopolitics
 - c. Mal apportionment
 - d. BIMSTEC
 - e. Frontiers
 - f. Protectorate state

315 'D' GEOGRAPHICAL THOUGHT Full marks: 50

Attempt ALL the questions.

1. Outline the contribution of German geographers to the development of geography. 10
- OR
- Describe the main features of the recent trends in geography.
2. Give short answer to any FOUR: 4x6=24
- a. Factors behind the development of geography by Arab geographers
 - b. Contributions made by Ellen Churchill Semple
 - c. Concept of region in geography
 - d. Development of geographic discipline in Nepal
 - e. Geography as an empirical science
 - f. Contribution made by Ptolemy
3. Write short notes on any FOUR: 4x4=16
- a. Central place theory
 - b. Vedic age
 - c. Columbus
 - d. Refine geographical thought
 - e. Cosmos
 - f. Contribution of W.M. Davis

315 'E' TOURISM GEOGRAPHY Full Marks: 50

Attempt ALL the questions.

1. Define tourism geography. Tourism interacts with geography in a wide variety of ways. Discuss. 10
- OR
- Explain the trends of tourism development in Nepal.
2. Write short answers to any FOUR of the following 4x6=24
- a. Positive impacts of tourism with respect to Nepal
 - b. Highlight the significance of eco-tourism in Nepal
 - c. Nepal is known as "Land of diversity". Explain
 - d. Nepal is a world class centre for pilgrimage tourism. Discuss.
 - e. What do you mean by carrying capacity?
 - f. Why tourism planning is needed?
3. Write short notes on any FOUR of the following 4x4=16

- Geographical elements of tourism
- Genesis of tourism destination
- Sustainable development of tourism
- Trekking Agents Association of Nepal (TARN)
- Supply side of tourism
- Socio-cultural impacts of tourism

315 'G' REMOTE SENSING & GIS

Full Marks: 30

Attempt ALL the questions.

- Discuss the need of GIS for the development of Nepal. [6]
OR
- Explain the image interpretation keys.
- Give brief answer to any THREE: [3x5=15]
 - Data sources for GIS
 - Application of GIS inland use planning
 - Physical basis of remote sensing
 - Characteristics of active remote sensing
- Write short notes on any THREE of the following: [3x3=9]
 - Land use / land cover
 - Buffer analysis
 - Platforms
 - The spectral resolution

Tribhuvan University, 2070

Attempt ALL the questions.

- Discuss Hagerstand's diffusion model. 10
OR
- Outline the characteristics of intensive subsistence farming. Why are such agricultural methods still in existence?
- Write short answers to any FOUR of the following: 4x6=24
 - Causes of declining agricultural productivity in Nepal
 - Plantation agriculture in the tropics
 - Multiple cropping
 - Ecological approach
 - Scope of agricultural geography
 - Food security and drought
- Write short notes on any FOUR of the following: 4x4=16
 - Bio-chemical input
 - Rural credit as an incentive of agriculture development
 - Agro-forestry
 - Effect of foreign labour migration on agriculture
 - Extensive farming
 - Negative impact of pesticides

315 'B' POLITICAL GEOGRAPHY

50

Attempt ALL the questions.

1. Define political geography and discuss its development. OR 10
Mention approaches of political geography and discuss functional approach of Richard Hartshorne.
2. Write short answers to any FOUR:
a. Meaning and concept of state and nation
b. Differentiate the terms - Demarcation and delimitation of boundary
c. Importance of Nepal as a transit point
d. Inclusive and proportional representation
e. Unified and federal state
f. Ratzel's contribution to political geography
3. Write short notes on any FOUR: 4×4=16
A. Gerrymandering
B. Adult Franchise
C. Constitution Assembly
D. Primate city
E. ASEAN
F. Globalization

315 'D' GEOGRAPHICAL THOUGHT

Full Marks: 50

Attempt ALL the questions.

1. 'French school of geographical thought has played important role in the development of modern geography. Discuss. OR 10
Describe the trends in geography after 1950.
2. Give short answer to any FOUR: 4×6=24
a. Concept of geopolitics
b. Geography is an empirical science
c. Quantitative techniques in geography
d. Contribution made by Herodotus
e. Difficulties faced by landlocked states
f. Importance of study of geographical thought
3. Write short notes on any FOUR: 4×4=16
a. Erdkude
b. Ibn-khaldun
c. Environmentalism
d. Terrestrial unity
e. Dark-age in geography
f. Marco Polo

315 'E' TOURISM GEOGRAPHY

Full Marks: 50

Attempt ALL the questions.

1. "Push and pull factors determine the spatial interaction of tourist

flows between tourist generating and tourist destination region." Discuss.

OR

Define tourism. Describe the scope of tourism geography.

2. Write short answers to any FOUR of the following: $4 \times 6 = 24$
- Typology of tourists
 - Geography and tourism are integral part. Explain.
 - Why is demand side of tourism important?
 - "Nepal is richly endowed with natural and culture tourism products." Justify.
 - What are the roles and functions of Nepal Tourism Board (NTB)?
 - How can planning help tourism become sustainable?
3. Write short notes on any FOUR of the following: $4 \times 4 = 16$
- Butler's concept of evolution of tourist destinations
 - Accommodation
 - Pacific Asia Travel Association (PATA)
 - Prospects of tourism in Nepal
 - Carrying capacity
 - Social impact of tourism

315 'G' REMOTE SENSING & GIS

Full Marks: 30

Attempt ALL the questions.

1. Explain the increasing application of GIS and its uses for planning
OR [6]
Explain the advantages of remote sensing.
2. Give brief answer to any THREE: [3x5=15]
- Functional components of GIS
 - Data sources for GIS
 - Major image interpretation keys
 - Characteristics of active remote sensing
8. Write short notes on any THREE of the following: [3x3=9]
- Vector data
 - Overlay
 - Temporal resolution
 - Electromagnetic spectrum

Tribhuvan University, 2070

Attempt ALL the questions.

1. Discuss the push and pull factors of population migration with special reference to Nepal.
OR 10
Discuss the demographic transition theory.
2. Give short answer to any FOUR: $4 \times 6 = 24$
- Age structure of population
 - Distinguish between census and sample surveys

- c. Causes of population growth in Nepal
 - d. Ethnic diversity in Nepal
 - e. Over-population and under-population
 - f. International migration in Nepal
3. Write short notes on any FOUR: 4×4=16
- a. Economic density
 - b. Age specific fertility rate
 - c. Population geography
 - d. Vital registration
 - e. Broad age group
 - f. Dependency ratio.

314 'D' Environmental Geography 50

Attempt ALL the questions:

1. Give the meaning of ecosystem and discuss its various components. 10
 OR 10
 Describe in brief the various kinds of environmental pollution and their control-mechanism in Nepal.
2. Write short answers on any FOUR: 4×6=24
- a. Properties of soil
 - b. Farm management system
 - c. Ozone layer depletion and its effect in human health
 - d. Mountain environment
 - e. Importance of watershed management in Nepal
 - f. Processes of environmental impact assessment in Nepal
3. Write short notes on any FOUR: 4×4=16
- a. Solar energy flow
 - b. Bio-diversity
 - c. Land degradation
 - d. Gully Reclamation and land breaks
 - e. Carbon cycle
 - f. Use of organic manure

314 'G' Rural Development 50

Attempt ALL the questions:

1. Discuss policies and programmes of Interim Plan II (2010 - 2013) with a focus on rural development. 10
 OR 10
 Discuss briefly the labour surplus theory of Lewis and its application in rural to urban migration in developing country like Nepal.
2. Write short answers on any FOUR: 4×6=24
- a. Participatory planning and its importance
 - b. Changing poverty situation in Nepal within the last thirty years
 - c. Qualitative and quantitative indicators of development
 - d. Project cycle in rural development
 - e. Types of local institutions and their importance

- f. Do's and Dents in PRA
3. Write short notes on any FOUR: 4×6=16
- Bottom up approach
 - Importance of maps
 - Agricultural enterprises
 - Rural infrastructure
 - Indicators of development
 - NGO's/ CBO's

Tribhuvan University, 2071

Attempt ALL the questions.

1. Discuss the causes and forms of population migration in Nepal. 10
- OR

Discuss the essence of Ravenstein's theory of population migration.

2. Give short answer to any FOUR: 4×6=24
- Age specific fertility rate
 - Population problems of Nepal
 - Factors of population distribution
 - Scope of population geography
 - Family planning programme in Nepal
 - Population census in Nepal
3. Write short notes on any FOUR: 4×4=16
- Masculinity index
 - Sex ratio of Nepal
 - Linguistic composition of population
 - Child-women ratio
 - Over population
 - Dependency ratio

314 'D' Environmental Geography 50

Attempt ALL the questions.

1. Define environmental geography and discuss its scope. 10
- OR
- Discuss importance of water resource and describe major watershed areas of Nepal.
2. Write short answers on any FOUR: 4×6=24
- Bio-geochemical cycle and its major components
 - Noise pollution and its effect in human health
 - Causes of forest degradation in Nepal and also highlight on its conservation measures
 - Air pollution in Kathmandu Valley and its effect in climate change
 - Bio-diversity conservation through community forest in Nepal
 - Global warming and its effect on climate change
3. Write short notes on any FOUR: 4×4=16
- Agro - forestry

- b. Mountain environment
- c. Water pollution
- d. EIA process
- e. Conservation tillage
- f. Solar energy flow

314, 'G' Rural Development

50

Attempt ALL the questions.

1. Critically evaluate the application of Growth Pole Model in Nepalese plan.
OR 10
- Critically discuss the features and benefits of participatory planning.
2. Write short answers on any FOUR: 4x6=24
 - a. Community development approach
 - b. Role of institute for natural resource management
 - c. Importance of maps in land use planning
 - d. Causes of rural poverty
 - e. Salient features of 10th Five Year Plan
 - f. Differentiate between growth and development
3. Write short notes on any FOUR: 4x4=16
 - a. Rural planning
 - b. Social mapping
 - c. Rural market centre
 - d. Top-down approach in planning
 - e. Micro credit and rural development
 - f. Village social system

Tribhuvan University, 2071

Attempt ALL the questions.

1. Discuss the factors which affect the location and characteristics of commercial dairy farming in temperate region.
OR 10
- Define agricultural geography and discuss its scope.
2. Write short answers on any FOUR of the following: 4x6=24
 - a. Subsistence agriculture of Nepal
 - b. Terrace farming
 - c. Land ownership and agriculture
 - d. Agriculture geography and agricultural sciences
 - e. Input - output model
 - f. Slash and bum farming
3. Write short notes on any FOUR of the following: 4x4=16
 - a. pH value of soil
 - b. Climate and agriculture
 - c. Cropping pattern
 - d. Influence of infrastructures on agricultural modifications
 - e. Crop combination

f. Problems of agriculture in Nepal

315 'B' POLITICAL GEOGRAPHY

5

Attempt ALL the questions.

1. Critically examine the validity of world strategic view conceived by Hal ford Mackinder.

OR

10

Explain briefly the geopolitical dynamics in Nepal.

2. Write short answers on any FOUR: 4×6=24

- Functional and physiographic boundaries
- Water politics in Nepal
- Super power and polarization of world politics
- Insurgent state and insurgency in Nepal
- Inclusive and proportional representation
- "World System Approach" to political geography

3. Write short notes on any FOUR: 4×4=16

- Raison de etra
- Structural adjustment
- Lebensraum
- OPEC
- Local governance
- Electoral abuse

315 'D' Geographical Thought

Full Marks: 50

Attempt ALL the questions.

1. Name major explorers of the world and write briefly the contributions of any two of them during the age of explorations.

OR

10

Explain in brief the major contributions in the development of geography made by American geographers.

2. Give short answer to any FOUR: 4×6=24

- Nile basin as a region of earlier geographical knowledge
- Impact of exploration on the development of geographic thought
- Dark age in geographical development
- Renaissance period as the fact finding age
- Importance of field observation in geographic study
- Concept of location in geography

3. Write short notes on any FOUR: 4×4=16

- Concept of geopolitics
- Geography as an empirical science
- Principle of unity in diversity
- Importance of statistical methods in the field of modern geography
- Geography as an academic discipline in Nepal
- Contribution of Sir Dudley Stamp

315 'E' TOURISM GEOGRAPHY

Full Marks: 50

Attempt ALL the questions.

1. What are geographical components of tourism? Describe each of them.

OR

10

What is the impact of tourism upon the physical, economic and - socio-cultural environment of host countries? Describe it with special reference to Nepal.

2. Write short answers to any FOUR of the following: 4×6=24
- Give a brief account of tourism products and its characteristic?
 - Evaluate the potential of tourism as a source of local employment.
 - What are the prospects of tourism industry in Nepal?
 - Describe the scope of tourism geography.
 - Why do people travel?
 - Describe the role of Nepal Mountaineering Association (NMA) in the tourism development in Nepal.
3. Write short notes on any FOUR of the following: 4×4=16
- Importance of tourism
 - Eco-tourism
 - System theory
 - United Nations World Tourism Organisation (UNWTO)
 - Accessibility
 - Trends of tourism development in Nepal

315 'G' REMOTE SENSING & GIS

Full Marks: 30

Attempt ALL the questions.

1. Explain the functions of GIS.

OR

[6]

Explain the advantages of remote sensing.

2. Give brief answer to any THREE: [3×5=15]
- Functional components of GIS
 - Application of GIS in land use planning
 - Characteristics of photographic systems
 - Characteristics of active remote sensing
3. Write short notes on any THREE of the following: [3×3=9]
- Digital elevation model
 - Raster data
 - Overlay
 - Temporal resolution

Tribhuvan University, 2072

Attempt ALL the questions.

1. What is demographic transition theory? Describe its different stages in brief. 10

OR

What is vital registration system? Discuss its importance with reference to Nepal.

2. Give short answer to any FOUR: 4×6=24
- Factors affecting fertility.
 - Importance of population policy
 - Marxian theory

- d. Arithmetic and agricultural density
- e. Ethnic diversity in Nepal
- f. Population migration versus movement.

3. Write short notes on any FOUR: 4×4=16
- a. Demographic
 - b. Sex ratio
 - c. Age pyramid
 - d. Emigration
 - e. Urban population
 - f. Age specific fertility rate

314 'D' (Environment Geograph)

50

Attempt ALL the questions.

1. Describe the earth's life support system and highlight its importance. 10
- OR
- Define environmental geography and describe its approaches in short.
2. Write short answer on any FOUR: 4×6=24
- a. Soil erosion in Nepal
 - b. Causes of forest depletion in Nepal
 - c. Watershed management
 - d. EIA and IEE
 - e. Global warming and its effect
 - f. Mountain environment
3. Write short notes on any FOUR: 4×4=16
- a. Air pollution
 - b. Conservation tillage
 - c. Food chain
 - d. Bio-diversity
 - e. Carbon-cycle
 - f. Desertification

50

314 'G' (Rural Development)

Attempt ALL the questions.

1. What is poverty? Discuss present situation of poverty in Nepal. 10
- OR
- Differentiate rural areas from urban areas and how rural urban linkage contributes to develop a country like Nepal.
2. Write short answer on any FOUR: 4×6=24
- a. Merits of Bottom up approach
 - b. Labour surplus theory of Lévis
 - c. Growth pole theory in Nepal
 - d. Participatory planning
 - e. Role of local institutions and rural development
 - f. Land use and rural development
3. Write short notes on any FOUR: 4×4=16
- a. Agglomerated settlement

- b. Qualitative indicators of development
- c. Integrated settlement development approach
- d. Physical planning
- e. Rural infrastructures
- f. Todaro's model

Tribhuvan University, 2072

Attempt ALL the questions. 50

1. Describe the agricultural location of Von Thunen and point out its limitations in the present context.

OR 10

Describe various factors that influence the agriculture practices of the world with reference to Nepal.

2. Write short answers to any FOUR of the following: 4×6=24

- a. Agricultural mechanization and size of holding in Nepal
- b. Commodity approach in agricultural geography
- c. The role of crop rotation in soil fertility maintenance
- d. Mixed farming
- e. Agricultural density
- f. Bases of Whittlesey's classification

3. Write short notes on any FOUR of the following: 4×4=16

- a. Plantation farming
- b. Man land ratio
- c. Crop diversification
- d. Land use classification
- e. Green revolution
- f. Bio-chemical inputs

315 B' (Political geography) 50

Attempt ALL the questions.

1. Define political geography and explain its scope.

OR 10

Describe the basic elements of state.

2. Write short answer to any FOUR: 4×6=24

- a. Differentiate between nation and state
- b. Clarify the term proportional and inclusive representation
- c. Concept of Unipolar and Multipolar power polarization in world politics
- d. Differentiate between frontiers and boundaries.
- e. Clarify the centripetal and centrifugal forces of state building
- f. Describe the local governance system in Nepal

3. Write short note on any FOUR: 4×4=16

- a. Adult Frenchies
- b. ASEAN
- c. Water politics
- d. Globalization

- e. Protectorate state
- f. Decentralization

315 D' (Geographical thought)

Full Marks: 50

Attempt ALL the questions.

1. "The dichotomism the systematic and regional geography is false. They do not oppose but support each other." Discuss.

OR

10

Give a detailed description of the contribution of Jean Brunhes in the subject of geography.

2. Give short answer to any FOUR:

4×6=24

- a. Define concept of region in geography
- b. Geography links natural and social sciences
- c. Development of geography in Greek period
- d. Contribution made by Ptolemy
- e. Contribution made by W.M. Davis
- f. Development of geographical study in higher education in Nepal

3. Write short note on any FOUR:

4×4=16

- a. Hwang-Ho basin and Volga basin
- b. Strabo
- c. Bernhard vereniks
- d. Technology of observation
- e. Applied geography
- f. Ellusworth Huntington

315 'E' (Tourism Geography)

50

Attempt ALL the Questions.

1. Explain the nature and scope of tourism geography and its relation with other disciplines.

OR

10

Discuss the major controlling factors of demand for and supply of tourism.

2. Write short answer to any FOUR of the following:

4×6=24

- a. Tourism is multifaceted industry. Explain.
- b. What are the major factors effecting tourism planning?
- c. Explain why careful tourism policy is necessary?
- d. Potentiality of tourism in Nepal.
- e. What is ecotourism? Why is it important?
- f. Transport is the vital element of tourism development. Discuss.

3. Write short note of any FOUR of the following:

4×4=16

- a. Butler's concept of evolution of tourist destination
- b. Home stay
- c. Rural tourism
- d. Sightseeing
- e. Tourist and tourism industry
- f. International Air Transport Association (IATA)

315 'G' (Remote Sensing & GIS)

30

Attempt ALL the questions.

1. Describe the growing need and application of GIS.

OR

6

Explain the principle of EMR (Electro-Magnetic Radiation)

2. Give brief answer to any THREE: $3 \times 5 = 15$

- a. Data capture
- b. Data sources for GIS
- d. Union
- d. Characteristics of sensors

3. Write short notes on any THREE of the following:

$3 \times 3 = 9$

- a. Spatial data
- b. Aerial photo
- c. Clip and merge
- d. Temporal resolution