



University of Kashmir, Srinagar-6, J&K

NAAC Accredited Grade "A"

P.G. Department of Geography & Regional Development
(DST-FIST and UGC-SAP (DRS-II) Assisted Department)

SECTION-XII

1. Europe- Relief, drainage, climate
2. Europe:- Demographic characteristics
3. Study of Denmark with special reference to dairy farming
4. North America in the context of the Atlantic states- relief, drainage
5. Climate and natural vegetation of North America
6. Demographic characteristics of North America
7. Study of USA with special reference to Industrial regions

SECTION-XIII

1. Definition, Types and elements of maps
2. Mapping techniques:- Isopleth, Choropleth, Chorochromatic and Chorochromatic
3. Types of Cartographic Symbols and their uses:- i. Points, ii. Lines, iii. Areas
4. Scales:- Definition, Classification, types and uses
5. Methods of showing relief features
6. Profiles:- Definition, types and uses

SECTION-XIV

1. Basic principles of land surveying
2. Meaning and scope of chain and tape survey
3. Plain table survey:- definition, types, accessories, procedure and precautions
4. Prismatic Compass Survey:- Open and Close traverse
5. Dumpy Level Survey:- definition, scope, accessories, procedure and precautions
6. Geomorphic and socio-economic field survey-Meaning, significance and procedure
7. Study and Interpretation of Survey of India (SOI) topographic maps of a hilly and plain area in respect of:- (i) Relief, (ii) Drainage, (iii) Settlement, (iv) Communication pattern
8. Remote sensing:- Definition, scope, types and applications
9. Computer Cartography:- Introduction and Relevance

Visit us at
Email Id:

<http://geogrd.uok.edu.in> OR
geord@kashmiruniversity.ac.in

<http://uok.edu.in>
Ph/Fax No.....



University of Kashmir, Srinagar-6, J&K
NAAC Accredited Grade "A"
P.G. Department of Geography & Regional Development
(DST-FIST and UGC-SAP (DRS-II) Assisted Department)

SECTION-IV

1. Composition and structure of the atmosphere; Insolation and global energy budget
2. Vertical, horizontal and seasonal distribution of temperature
3. Atmospheric Pressure and winds, Vertical and horizontal distribution of pressure
4. Planetary, periodic and local winds
5. Climatic classifications; Basis of Koppen's classification
6. Atmospheric moisture, humidity, evaporation and condensation
7. Types of Precipitation, World patterns of rainfall:- regional and seasonal distribution
8. Air masses and fronts, concept, classification and properties
9. Tropical and temperate cyclones, Thunderstorms and tornadoes

SECTION-V

1. Surface configuration of the ocean floor- continental shelf, continental slope, abyssal plain, mid- oceanic ridges and oceanic trenches
2. Hydrological cycle
3. Relief of Atlantic, Pacific and Indian Oceans
4. Distribution of temperature and salinity of oceans and seas
5. Waves, tides and currents:- Currents of the Atlantic, Pacific and Indian Oceans
6. Marine deposits; Oceans as store house of resources for the future
7. Coral reefs and Atolls
8. Global warming; El-Nino:- general causes, consequences and measures of control

SECTION-VI

1. Population:- Structure and Composition
2. World distribution pattern:- Physical, Economic, Demographic and Social factors
3. Population:- Growth, density and occupational structure of India
4. Concept of overpopulation, under population, optimum population and zero population growth
5. Migration- definition and types
6. Population theories:- Malthus's and Demographic Transition

SECTION-VII

1. Geography as the study of Environment
2. Definition, Scope and significance of Ecology
3. Concepts and broad types of eco-system
4. Classification and types of resources
5. Resource and environmental interface
6. Biotic and Abiotic resources

Visit us at
Email Id:

<http://geogrd.uok.edu.in> OR
geord@kashmiruniversity.ac.in

<http://uok.edu.in>
Ph/Fax No.....



University of Kashmir, Srinagar-6, J&K
NAAC Accredited Grade "A"
P.G. Department of Geography & Regional Development
(DST-FIST and UGC-SAP (DRS-II) Assisted Department)

SECTION-XV

1. Measures of Central Tendency:- Mean, Median, Mode and Partition values
2. Measures of Dispersion:- Mean deviation, Standard deviation
3. Coefficient of variation in data analysis
4. Correlation analysis:- Scatter diagram, Carl Pearson's method
5. Map projection:- General principles and classification
6. Drawing graticules on the following Projections by graphical methods
 - (a) Simple Cylindrical projection, (b) Cylindrical Equal Area projection
 - (c) Mercator's Projection, (d) Zenithal Projection
 - (d) Conical projection with one and two standard parallels

Prof. M.S.Bhat
Head of the Department.

Visit us at
Email Id:

<http://geogrd.uok.edu.in> OR
geord@kashmiruniversity.ac.in

<http://uok.edu.in>
Ph/Fax No.....