**B.A Ist Year 2nd semester**

 **GEOGRAPHY (Theory) Session (2020-2021)**

 **May**

Definition, Nature, scope and fields of Physical Geography.

Interior of the earth of Physical Geography, Geological time scale and rocks.

Earth movements ;Folds and Faults.

 **June**

Earth Movement; earth quakes and volcanoes.

Theory of Isostasy ; Wegner’s theory of continental drift and Plate tectonic theory. Weathering; causes and its types.

Process of Wind, River, Underground water, Glaciers.

**July**

 Theory of Isostasy ; Wegner’s theory of continental drift and Plate tectonic theory. Weathering; causes and its types.

 Mass-movements; causes, its types and impacts.

Concept of cycle of erosion; cycle of erosion by W.M.Davis, Penck.

**Teacher’s Name - Mrs. Seema**

  **B.A IInd Year 4th semester**

 **GEOGRAPHY (Theory) Session (2020-2021)**

**May**

Nature and scope of Human Geography, Branches of Human Geography, Approaches to the study of Human Geography.

 Division of Mankind: Spatial distribution of race and tribes of India; concept of menenvironment relation: A historical approach.

 Human adaptation to the environment (i) Cold region – Eskimo (ii) Hot region- Bushman

(iii) Plateau – Gonds (iv) Mountains – Gujjars

**June**

 Meaning, nature and components of resources; Classification of resources – renewal and non- renewable ; biotic and aboitic, recyclable and non recyclable.

Distribution, utilization and conservation of biotic (flora and fauna) and aboitic (water, minerals and energy) resources.

 Distribution and density of world population, population growth, fertility and mortality patterns.

 Concept of over, under and optimum population; Population theories: Malthus, Ricardo and Marx.

 **July**

Rural settlements: Meaning, classification and types. Urban settlements: Origin,

classification and functions of towns.

 Population pressure, resource use and environment degradation; sustainable

development, concept of deforestation, soil erosion, air and water pollution.

**Teacher’s Name - Sh. Rajiv Kumar, Sh. Sonu**

 **B.A IIIrd Year 6th semester**

 **GEOGRAPHY (Theory) Session (2020-2021)**

**June**

Introduction to Aerial Photographs: their advantages and types.

 Elements of aerial Photo interpretation.

 Introduction to Remote Sensing; Electromagnetic spectrum, stages in remote sensing, type of satellites.

 Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.

**July**

 Introduction to Geographical Information System: Definition, purpose, advantages andsoftware and hardware requirements.

 Application of GIS in various fields of geography.

 Measure of Central Tendency: Mean, Median and Mode.

**August**

 Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation.

**Teacher’s Name - Sh. Deepak**