**Name of Assistant Professor: RITU RANI**

**Class : B.A. 1st (2nd semester)**

**Subject: GEOGRAPHY ( Theory and Practical)**

**Lesson Plan**: 18Weeks (from January 2018 to April 2018)

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| Week 1, **January 1 to January 7**  Chapter 1: Physical Geography  Chapter 1 : Introduction to Topographical Sheets |
| Week 1, Day 1, January 1  \* Definition and Meaning of Physical Geography  \* Topographical Maps ( Practical) |
| Week 1, Day 2, January 2  \* Nature and Scope of Physical Geography  \* Topographical Map ( Practical) |
| Week 1, Day 3, January 3  \* Relationship with Physics, Chemistry & Mathematics  \* Its Utility |
| Week 1, Day 4, January 4  \* Relationship with other science  \* Its Utility |
| Week 1, Day 5, January 5 **Holiday** |
| Week 1, Day 6, January 6  \* Importance of Physical Geography  \* Topographical Maps (Practical) |
| Week 2, **January 8 to January14**  Chapter : Geological Times Scale |
| Week 2, Day 1, January 8  \* Meaning and Purpose  \* Degree Sheet |
| Week 2, Day 2, January 9  \* Proterozoic Eon  \* Half Degree Sheet And Quarter Degree Sheet(Practical) |
| Week 2, Day 3, January 10  \* Phanerozoic Era.  \* Degree Sheet (Practical) |
| Week 2, Day 4, January 11  Chapter |: Interior of Earth  \* Evidence from Natured Sources  \* Half Degree Sheet And Quarter Degree Sheet (Practical) |
| Week 2, Day 5, January 12  \* Evidences based on Earthquake  \* Utility of Topographical Map (Practical) |
| Week 2, Day 6, January 13  \* Modern views regarding interior of Earth  \* Degree Sheet (Practical) |
| Week 3, **January 15 to January 21**  Chapter : Rocks |
| Week 3, Day 1, January 15  \* Meaning and Classification  \* Conventional Sign (Practical) |
| Week 3, Day 2, January 16  \* Igneous Rocks  \* Conventional Sign(Practical) |
| Week 3, Day 3, January 17  \* Sedimentary Rock  \* Conventional Sign(Practical) |
| Week 3, Day 4, January 18  \* Metamorphic Rock  \* Conventional Sign(Practical) |
| Week 3, Day 5, January 19  \* Rock Cycle  \* Half Degree Sheet And Quarter Degree Sheet(Practical) |
| Week 3, Day 6, January 20  Chapter : Earth Movements  \* Diastrophism, Dip & Strike \* Conventional Sign (Practical) |
| Week 4, **January 22 to January 28** |
| Week 4, Day 1, January 22 **Holiday** |
| Week 4, Day 2, January 23  \* Types of Folds  \* Hachures & Spot Height (Practical) |
| Week 4, Day 3, January 24  \* Fault and its types  \* Hachures & Spot Height(Practical) |
| Week 4, Day 4, January 25  \* Topography by Faults  \* Bench Marks And Trigonometrically(Practical) |
| Week 4, Day 5, January 26 **Holiday** |
| Week 4, Day 6, January 27  Chapter : Earthquake  \* Definition and Meaning  \* Hachures & Spot Height(Practical) |
| Week 5, **January 29 to February4** |
| Week 5, Day 1, January 29  \* Origin of Earthquakes and Waves  \* Bench Marks & Trigonometrically(Practical) |
| Week 5, Day2, January 30  \* Intensity of Earthquake  \* Hill Shading & Layers Tints(Practical) |
| Week 5, Day 3, January 31 **Holiday** |
| Week 5, Day 4, February 1  \* Magnitude of Earthquake  \* Hill Shading & Layers Tints(Practical) |
| Week 5, Day 5, February 2  \* Causes of Earthquake  \* Bench Marks And Trigonometric (Practical) |
| Week 5, Day 6, February 3  \* Classification of Earthquake  \* Hill Shading(Practical) |
| **Week 6, February 5to February 11** |
| Week 6, Day 1, February 5  \* Effects of Earthquake  \*Concave Slope(Practical) |
| Week 6, Day 2, February 6  \* Seismic Zones of India  \* Concave Slope(Practical) |
| Week 6, Day 3, February 7  \* World Distribution of Earthquake  \* Concave Slope(Practical) |
| Week 6, Day 4, February 8  \* Prediction of Earthquake  \* Convex Slope(Practical) |
| Week 6, Day 5, February 9  \* Safety Measures against Earthquake  \* Convex Slope(Practical) |
| Week 6, Day 6, February 10 **Holiday** |
| Week 7, **February 12 to February 18**  Chapter : Volcanoes |
| Assignments :Earthquakes and Volcanoes |
| Week 7, Day 1, February 12  \* Definition & Meaning of Volcanoes  \* Undulating Slope(Practical) |
| Week 7, Day 2, February 13 **Holiday** |
| Week 7, Day 3, February 14  \* Causes of Volcanoes  \* Undulating Slope(Practical) |
| Week 7, Day 4, February 15  \* Volcanic Land forms and World Distribution of Volcanoes  \* Terraced Slope(Practical) |
| Week 7, Day 5, February 16  \* Types of Volcanoes  \* Convex Slope(Practical) |
| Week 7, Day 6, February 17  \* Material ejected from Volcanoes  \* Undulating Slope(Practical) |
| Week 8 **February 19 to February25**  Chapter : Theory of Isostasy |
| Assignments |
| Week 8, Day 1, February 19  \* Definition and Meaning of Isostasy  \* Terraced Slope(Practical) |
| Week 8, Day 2, February 20  \* Proposition of Theory  \* V- Shaped Valley(Practical) |
| Week 8, Day 3, February 21  \* Views of J.H. Pratt.  \* V- Shaped Valley(Practical) |
| Week 8, Day 4, February 22  \* Views of Sir George  \* V- Shaped Valley(Practical) |
| Week 8, Day 5, February 23  \* Views of Hayford and Bowie  \* U-Shaped Valley(Practical) |
| Week 8, Day 6, February 24  \* Isostatic Adjustment of Earth  \* U- Shaped Valley(Practical) |
| Week 9, **February26 to March4**  Chapter : Theory of Continental Drift |
| Week 9, Day 1, February 26  \* Background and outline of Theory \* Terraced Slope (Practical) |
| Week 9, Day 2, February 27  \* Evidence in Favor of Theory  \* George (Practical) |
| Week 9, Day 3, February 28 **Holiday** |
| Week 9, Day 4, March 1 **Holiday** |
| Week 9, Day 5, March 2 **Holiday** |
| Week 9, Day 6, March 3 **Holiday** |
| Week 10, **March 5 to March11** |
| Assignments : continental Drift |
| Week 10, Day 1, March 5  Test of covered syllabus  Conical Hill(Practical) |
| Week 10, Day 2, March 6  Chapter : Plate Tectonic Theory  \* Meaning and Evidence  \*Volcanic Hill(Practical) |
| Week 10, Day 3, March 7  \* Significance of Theory \* Conical Hill(Practical) |
| Week 10, Day 4, March 8  \* Revision of Chapter  \*Volcanic Hill(Practical) |
| Week 10, Day 5, March 9  \* Test of Chapter  \* Conical Hill(Practical) |
| Week 10, Day 6, March 10  \* Chapter : Mass Movement  \* Meaning and factor affecting  \* Volcanic Hill(Practical) |
| Week 11, **March 12 to March 18** |
| Assignments : |
| Week 11, Day 1, March 12  \* Types of Mass Movements  \* Plateau(Practical) |
| Week 11, Day 2, March 13  Chapter : Cycle of Erosion  \* Factors controlling cycle of Erosion  \* Escarpment (Practical) |
| Week 11, Day 3, March 14  \* Graphical representation  \* Plateau(Practical) |
| Week 11, Day 4, March 15  \* Appraisal cycle of Erosion  \* Escarpment (Practical) |
| Week 11, Day 5, March 16  \* Normal Cycle of Erosion  \* Escarpment(Practical) |
| Week 11, Day 6, March 17  \* Interruption in cycle of Erosion  \* Plateau(Practical) |
| Week 12, **March 19 to March25**/ |
| Week 12, Day 1, March 19  \* Rejuvenation and its land forms \* Waterfall(Practical) |
| Week 12, Day 2, March 20  \* Revision of Chapter  \* Sea Cliff (Practical) |
| Week 12, Day 3, March 21  Chapter : Works of Wind \* Waterfall(Practical) |
| Week 12, Day 4, March 22  \* Process of Denudation  \* Sea Cliff(Practical) |
| Week 12, Day 5, March 23  \* Erosional work  \* Water Fall(Practical) |
| Week 12, Day 6, March 24  \* Depositional Work  \* Sea Cliff (Practical) |
| Week 13, **March26to April 1**  Chapter : The Work of River |
| Week 13, Day 1, March 26  \* Erosional Work and Transportational Work  \* Overhanging Cliff (Practical) |
| Week 13, Day 2, March 27  \* Land Forms in Upper Part  \* Overhanging Cliff (Practical) |
| Week 13, Day 3, March 28  \* Land Forms in Middle Part \* Over Hanging Cliff (Practical) |
| Week 13, Day 4, March 29 **Holiday** |
| Week 13, Day 5, March 30  \* Land Forms in Lower Parts  \* Fiord(Practical) |
| Week 13, Day 6, March 31  \* Development of River Valley  \* Fiord Coast (Practical) |
| Week 14, **April 2 to April 8**  Chapter : Underground Water |
| Assignments |
| Week 14, Day 1, April 2  \* Meaning and Sources  \* Pass (Practical) |
| Week 14, Day 2, April 3  \* Types of Springs  \* Saddle (Practical) |
| Week 14, Day 3, April 4  \* Erosional Features  \* Pass(Practical) |
| Week 14, Day 4, April 5  \* Depositional Features  \* Saddle(Practical) |
| Week 14, Day 5, April 6  Chapter : The Work of Glacier  \* Meaning and Movements  \* Pass (Practical) |
| Week 14, Day 6, April 7  \* Types of Glacier  \* Saddle(Practical) |
| Week 15, **April 9 to April15** |
| Week15 , Day 1, April 9  \* Erosional Work  \* Longitudinal Profile(Practical) |
| Week 15, Day 2, April 10  \* Glacial Land Forms by Erosion  \* Cross Profile (Practical) |
| Week 15, Day 3, April 11  \* Depositional Work of Glacial \* Longitudinal Profile (Practical) |
| Week 15, Day 4, April 12  \* Specific Land Form of Glacial  \* Cross Profile (Practical) |
| Week 15, Day 5, April 13  \* Revision of Lesson  \* Longitudinal Profile (Practical) |
| Week 15, Day 6, April 14 **Holiday** |
| Week 16, **April 16 to April22**  Chapter : Work of Sea Waves |
| Week 16, Day 1, April 16  \* Meaning and Structure  \* Serial Profile (Practical) |
| Week 16, Day 2, April 17  \* Types of Sea Works  \* Superimposed Profile(Practical) |
| Week 16, Day 3, April 18 **Holiday** |
| Week 16, Day 4, April 19  \* Marine Erosion  \* Serial Profile (Practical) |
| Week 16, Day 5, April 20  \* Process for Marine Erosion  \* Cross Profile (Practical) |
| Week 16, Day 6, April 21  \* Coastal Land Form by Erosion  \* Serial Profile(Practical) |
| Week17 **April 23 to April29** |
| Week17 , Day 1, April 23  \* Depositional Work of Sea Wave  \* Projected Profile (Practical) |
| Week 17, Day 2, April 24  \* Revision of Chapter - Physical Geography  \* Composite Profile (Practical) |
| Week 17, Day 3, April 25  \* Revision of Chapter - Interior of Earth \* Projected Profile(Practical) |
| Week 17, Day 4, April 26  \* Revision of Chapter – Rock  \* Composite Profile (Practical) |
| Week 17, Day 5, April 27  \* Revision of Chapter - Plate Tectonic  \* Projected Profile(Practical) |
| Week 17, Day 6, April 28  \* Revision of Chapter - Cycle of Erosion  \* Composite Profile(Practical) |
| Week 18 **April 30 to May 6**  \* Commencement of UG exam |
| Assignments |
| Week18 , Day 1, April 30 **Holiday** |