

## **SYLLABUS FOR PH.D. ENTRANCE TEST IN GEOGRAPHY 2022**

**Note: Ph.D. Entrance Test shall comprise of 100 Marks and contain Two Sections of 50 Marks each. Each Section shall be of 1½ hrs. duration.**

**Section-A: Research Aptitude Components (Descriptive) 10 marks each question.**

### **Unit: I**

1. Hypothesis, Paradigm.
2. Methodology and its usefulness for research, significance of literature review.
3. Forms and elements of theory.
4. Laws and generalizations and the relevance in research.

### **Unit:II**

1. Anova, T-Test, Z-Test, G-Test, Chi-Square Test.
2. Meaning, definition and relevance of GIS and remote Sensing in Geographical Research.
3. Digital Cartography.
4. Formulation of Questionnaire and field work techniques.

**Section: B Academic Components (objective Type) 1 mark each question.**

### **Unit-I**

1. Geomorphology, Climatology and Oceanography.
2. Regional Geography of India.
3. Definition, scope and significance of Population Geography.
4. Meaning, nature and scope of Bio-Geography.

### **Unit-II**

1. Meaning, nature and significance of Economic Geography.
2. Regional Planning and Development.
3. Geographic Thought in the classical modern and post modern period.
4. Settlement Geography – types, patterns and evolution of Settlement study in Geography, Rural/Urban Geography.

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