

**MAGADH UNIVERSITY**  
**BODH GAYA**



**SYLLABUS**  
**OF**  
**PRE- Ph. D. REGISTRATION**  
**ENTRANCE TEST**

**PAT Geography Syllabus**

**2014 onwards**

**FACULTY OF SCIENCES**

**Study Raw.Com**

*Price Rs. 100/-*

**GEOGRAPHY****PAPER - I**

Time - 3 Hours

Full Marks-100

A candidate is required to attempt 50 objective type questions from the following Units carrying 2 marks each. There will be atleast 2 questions from each Unit prescribed below.

**UNITS**

1. Interior of the Earth

2. Isostasy

3. Plate Tectonic

4. Karst Topography

5. Fluvial Topography

6. Periglacial landscape

7. Salinity

8. Ocean Deposits

9. Classification of Climate

10. Weather Forecasting

11. Indian agriculture and Agro-Industries

12. Development of Bihar in Perspective of its resources

13. Contributions of German, French and American School in Geography



*Pre-Ph.D. Syllabus*

14. Dualism in Geography
15. Subsistence and commercial farming
16. Iron & steel industry
17. Textile industry
18. Power resources - Petroleum, water and solar
19. Problem of urbanization in Indian
20. Study of urban morphology of any city of Bihar
21. Dharwar system of rocks in India
22. Gondwana system
23. Petroleum, Mica - Occurrence distribution and production
24. Population problem and policy
25. Drainage Basin Morphometry
26. Rejuvenation & concept of grade
27. Evolution of Peninsular India
28. Environmental Pollution
29. Environmental Education and Information
30. Ecology and Ecosystem
31. Hazards and Ecosystem
32. Concept and types of tourism
33. Development of Tourism in India



## Pre-Ph.D. Syllabus

12. Air masses & fronts
13. Problems of Urbanization of India.
14. Study of urban morphology of any city of Bihar.
15. Dharwar system-A geological study.
16. Evolution of Peninsular India- A geomorphologic study.
17. Morphogenetic Regions.
18. Population problems and policy.
19. Growth of population in Bihar.
20. Land use study in perspective of Indian Agriculture
21. Study of Plate-Tectonic movements
22. Concept of man and Environment relationship.
23. Tourism potentials in Bihar
24. Concept and types of tourism.
25. Environmental hazards in India
26. Problem and types of pollution - Air, water and land  
Concept of Sustainable developments.
27. Quantitative Revolution in geography.
28. Future Geography in India.
29. Problem of Urbanization of India
30. Role of geographers in urban and regional planning