



RABINDRA BHARATI UNIVERSITY
CENTRE FOR DISTANCE AND ONLINE EDUCATION
ASSIGNMENT FOR INTERNAL ASSESSMENT
GEOGRAPHY
SEMESTER I, January session 2026 (2025-2026) (CBCS mode)

Instructions regarding Internal Assessment preparation and submission:

- i. All answers should be **hand written**;
- ii. **Internal assessment should be arranged as follows:**
 - a. Cover page (to be downloaded from website);
 - b. Copy of ID card
 - c. Copy of present semester admission payment receipt.
 - d. Question paper
 - e. Contents
 - f. **Tie the answer script with a thread.** Do not use any channel files.
 - g. Use **A4 size blank normal paper** for your answers.
 - h. Answer of any ***one*** question from **Courses C.C. 1.1 – 1.3**
 - i. For practical, answer all the questions from **CC 1.4-1.5** (no choices for practical courses)



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CC 1.1: Geo-tectonics and Geomorphology
(Answer *one* from the following)

(1 x 10=10)

Q1. Discuss the slope elements as perceived by L.C. King. Compare and critically analyse the theories of slope decline and slope replacement. 4+6=10

Q2. How does the balance between kinetic energy and potential energy change when a stream moves from a steep mountain slope to a flat valley? Why is almost all natural stream flow classified as turbulent rather than laminar? What does a Froude number greater than 1 tell you about the relationship between a stream's flow velocity and its energy? 3+4+3=10

CC 1.2: Hydrology and Oceanography
(Answer *one* from the following)

(1 x 10=10)

Q3. State the key aspects and strategies adopted for water management in tropical farmlands. Identify the various artificial recharge techniques adopted in tropical cities. 6+4=10

Q4. Define Integrated River Basin Management (IRBM) and explain its fundamental principles. What are the challenges faced by IRBM? 6+4=10

CC 1.3: Philosophy of Geography
(Answer *one* from the following)

(1 x 10=10)

Q5. Critically evaluate the foundational contributions made by Alexander von Humboldt, Carl Ritter, and Friedrich Ratzel. 10

Q6. What is the difference between the Nomothetic approach and the Ideographic approach in Geography? Explain why both of these methods are important for geographers. 7+3=10

CC 1.4: Mapping Perception and Field Techniques
Answer the *following* question

(1 x 10=10)

Q7. Explain the referencing scheme of topographical sheets, air photos and satellite imagery.

5+3+2= 10

CC 1.5: Quantitative TechniquesAnswer the *following* question**(1 x 10=10)**

Q8. Using the following Table, determine the Spearman's Rank Correlation Coefficient between the two variables and interpret the nature of relationship between them. 8+2=10

State	Female Literacy rate	Complete Vaccination coverage of children within two years of age
Bihar	53.33	61.7
Chhattisgarh	60.59	76.4
Gujarat	70.73	60.4
Haryana	66.77	62.2
Jharkhand	56.21	61.9
Karnataka	68.13	62.6
Kerala	91.98	82.1
Madhya Pradesh	60.02	53.6
Maharashtra	75.48	56.3
Odisha	64.36	78.6