



RABINDRA BHARATI UNIVERSITY
CENTRE FOR DISTANCE AND ONLINE EDUCATION
ASSIGNMENT FOR INTERNAL ASSESSMENT
GEOGRAPHY
[SEMESTER II, 2022-2023 (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. Question paper
 - d. Contents
 - e. Answer of any **one** question for **each** of **Courses C.C. 2.1 – 2.3**
 - f. For practical, answer the following question for courses **CC 2.4-2.5** (no choices for practical courses)



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C.C 2.1: Climatology

(Answer any *one* from the following questions)

(1 x 10=10)

Q1. Discuss the relationship between climatology and meteorology. How do you think climate affects human civilization? Write a brief note on the heat budget of the earth. [3+3+4=10]

Q2. Describe the various forms of precipitation and critically discuss any one theory for the formation of precipitation. What is the mixing ratio and discuss its relationship with condensation? [2+4+4=10]

Q3. What is Jet stream and discuss its impact on weather. How does El Nino affect climate change? [6+4=10]

CC 2.2 Soil and Bio-Geography

(Answer any *one* from the following questions)

(1 x 10=10)

Q1. What are the factors affecting soil texture and structure and discuss how they influence soil health and fertility. How can soil structure be improved for proper soil management? [6+4=10]

Q2. Discuss the significance of soil classification. Describe the USDA system of soil classification. Why is it also known as the 7th Approximation? [2+7+1=10]

Q3. Define and classify biome. Describe the temperate grassland biomes and discuss how human intervention has affected the temperate grassland biomes all over the world. [2+3+5=10]

C.C. 2.3 Population and Settlement Geography

(Answer any *one* from the following questions)

(1 x 10=10)

Q1. Differentiate between the concept of stationary and stable population. How sex ratio can be used to understand the demographic dynamics of a country? [5+5=10]

Q.2. Write the difference between Malthusian Theory and Neo-Malthusian Theory of Population. Critically analyze the Marxist Theory of Surplus Population.[5+5=10]

Q.3. Define and write about the significance of Settlement Geography. Discuss the evolution of rural settlement in a spatial dimension. [4+6=10]

C.C 2.4-Climatology, Bio-Geography and Soil Geography (Practical)

(Answer the *following* question)

(1 x 10=10)

Q.1. What is the purpose of Synoptic Chart? Prepare a station model based on the following data and interpret it. [2+6+2=10]

Station	RRR	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd
Kolkata	235	7	14	3	95	2	5	76	24	5	4	3	6	4	24

C.C.2.5 Population and Settlement Geography (Practical)

(Answer the *following* question)

(1 x 10=10)

Q.1. Calculate Age-sex ratio and show it with a suitable graph. Draw an age-sex pyramid and interpret it. Age-sex wise population data for West Bengal (2011) is given below. [4+5=10]

West Bengal (2011)			
Age-Group	Persons	Males	Females
0-4	7333143	3743862	3589281
5-9	8247809	4216763	4031046
10-14	9156523	4677506	4479017
15-19	9058031	4702325	4355706
20-24	8758322	4422630	4335692
25-29	7997909	4044904	3953005
30-34	6841590	3464659	3376931
35-39	7012646	3523361	3489285
40-44	6153060	3219604	2933456
45-49	5335719	2814212	2521507
50-54	4257880	2317232	1940648
55-59	3268650	1746903	1521747
60-64	2745454	1406401	1339053
65-69	1982993	991280	991713
70-74	1390607	686881	703726
75-79	739767	360216	379551
80+	883561	406536	477025