

2020

GEOGRAPHY (Honours)

Paper : GEOH - DC-3A

(CBCS)

Full Marks : 25

Time : Two Hours

The figures in the margin indicate full marks.

Group - A

Answer any *one* question of the following : 10×1=10

1. Discuss the subject content of Population Geography and explain the Socio-ecological and political problems generated by migration. 5+5=10
2. Describe briefly the structure of rural settlement and describe the classical model of Burgess regarding settlement morphology. 5+5=10

Group - B

Answer any *three* questions of the following : 5×3=15

3. Highlight the major objectives of post independence Population Policy in India. 5
4. Describe various measures of fertility. 5
5. Discuss the pattern of population growth in India. 5
6. Classify rural and urban settlements according to the Census of India. 5
7. What is smart city? What are the major characteristics of smart city? 2+3=5
8. Describe the scope and contents of Settlement Geography. 5

2020

GEOGRAPHY (Honours)

Paper : GEOH - DC-4A

(CBCS)

Full Marks : 25

Time : Two Hours

The figures in the margin indicate full marks.

Group - A

Answer any *one* question of the following : 10×1=10

1. What do you mean by '*Thematic Map*'? Elucidate the applications of Geographic Information System (GIS) on environmental management with suitable examples. 2+8=10
2. Describe the major advantages and disadvantages of a choropleth map. Elucidate the steps of preparing a hazard zonation map (any one technique for any specific hazard). 5+5=10

Group - B

Answer any *three* questions of the following : 5×3=15

3. Write a short note on the *cadastral map*. 5
4. What do you mean by large scale maps? Mention their importance. 2+3=5
5. What type of data is suitable to represent Dot and Sphere diagram in cartograms? Justify your answer with suitable example. 5

6. Note your concept on :

(a) Rounding

(b) Logarithmic scale

$$2\frac{1}{2} + 2\frac{1}{2} = 5$$

7. Define Isopleths. What are the merits and demerits of isopleths technique?

$$2 + 3 = 5$$

8. What do you mean by Proportional circles? Mention the application of it.

$$3 + 2 = 5$$

UGB Semester-II (CBCS) H/ Pr/ 2020 (N)

2020

Geography (H)

Paper DC3B & DC4B

(Practical)

Gour Mahavidyalaya

Full Marks: 30

Time: Four Hours

The figures in the margin indicate full marks

DC3B

1. The following table shows the age-sex composition of the population for two countries, A and B. Compare the demographic conditions of these two countries with suitable diagrams and comment on it.

5

Age Group (Years)	Country-A		Country B	
	Male	Female	Male	Female
0-14	5,03,013	4,78,901	58,05,102	57,13,815
15-24	3,36,597	3,20,720	22,46,670	23,06,285
25-35	5,04,200	4,80,000	15,80,302	16,07,318
36-54	6,50,000	5,93,919	10,85,900	10,93,066
55-64	3,28,865	3,18,398	3,57,832	3,64,774
65 and above	4,42,232	5,10,594	2,93,430	3,17,866
Total	27,64,907	27,02,532	1,13,69,236	1,14,03,124

2. In India, as per Census 2011, the total population was 1,210,193,422 on which 24.6% were farmers. The total geographical area of India is 3,287,240 sq km. If the proportion of cultivated area to the total geographical area is 60.45 %, what will be the Agricultural Density of Population of India?

1

3. What are the three critical values in the nearest neighbour index (NNI) and what do these mean?

2

4. Arrange the cities of Myanmar in a log-log graph paper after Zipf

5

SL No	City/ Town	Population, 2010
1	Dwarka	3397187
2	Chitagung	1363998
3	Khulpi	545849
4	Nayabahadur	299671
5	Rango	203931
6	Mymenser	185517
7	Barish	163481
8	Jessusi	160198
9	Tongala	154174
10	Comicar	143282

5. Laboratory notebook and Viva-voce.

2

DC4B

6. Write a short note on the merits and demerits of the choropleth map.

2+2=4

7. Which are the cartogram techniques used to represent land use/cover data and importance of chorochromatic map?

1+2=3

8. Write the difference between choropleth and chorochromatic map with example. What are the uses of isoline maps?

4+2=6

9. Laboratory notebook and Viva-voce.

2

Submit the answer scripts in the following link: <https://forms.gle/GmCDHm3CpSmae4KB7>