

UG/2nd Sem/H/20(CBCS)

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

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## 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 :  $10 \times 1 = 10$

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 :  $5 \times 3 = 15$

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.

$$3 + 2 = 5$$

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**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
<b>Total</b>	<b>27,64,907</b>	<b>27,02,532</b>	<b>1,13,69,236</b>	<b>1,14,03,124</b>

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

1

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-vioce.

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-vioce.

2

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