

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

2020

Geography (H)

Paper DC5B, DC6B, & DC7B

(Practical)

Full Marks: 45

Time: Four Hours

The figures in the margin indicate full marks

**DC5B**

1. . Write down the steps of measuring the relative humidity from the hygrometer? calculate relative humidity based on the following table. 3+2 = 5

Dry-bulb temperature (°C)	Wet-bulb temperature (°C)
31.7	24.5

2. What is the function of rain gauge? 1
3. What is the purpose of using maximum and minimum thermometer? 2
4. Identify the season of the given weather Map by giving a proper explanation? 2
5. What do you mean by Trough and Ridge in atmospheric condition? 2
6. What is the full form of IMD? 1
7. Laboratory notebook and Viva-voce 2

**DC6B**

8. Define variable. What is the difference between continuous variable and discrete variable? 1+2 =3
9. Find out the median from the following data. 2
- 12, 11, 9, 8, 7, 14, 23, 15, 21, 45, 54, 32, 22, 16, 19, 32, 24, 14, 19, 16, 23, 22, 33
10. Which of the following measures of central tendency is not influenced by extreme values in the data set? I) Mean, II) Median 1
11. From the frequency distribution table (Table-1) calculate mid values and relative frequency. Draw frequency polygon taking mid values at X-axis. 2+2+3=7
12. Laboratory notebook and Viva-voce 2

**Table-1:** Weekly salary of 140 workers

weekly wages (\$)	No of workers
1-10	15
10-20	35
20-30	56
30-40	23
40-50	9
50-60	2

**DC7B**

13. Draw a climograph (after Taylor) based on the following data and interpret the nature of climate with respect to human comforts 4+2

**Table 2:** Monthly temp and humidity of Malda, 2011

Month	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
Temp (°F)	66.8	67.8	70.9	78.8	82.0	85.5	82.8	83.0	80.2	77.9	67.8	66.9
RH %	40	44	38	39	57	79	86	80	77	78	49	48

14. Mention the use of ergograph. 2
15. Write down the characteristics of the following rocks and minerals:  
Calcite, feldspar, granite 5
16. Laboratory notebook and Viva voce 2

Links for answer script submission: <https://forms.gle/tawkMLupuo2368Di9>

Note: In case of facing problem with the following link send to the mail id:  
[gmgeographyexam@gmail.com](mailto:gmgeographyexam@gmail.com)

Dry Bulb (°C)	Number of degrees difference between the wet- and dry-bulb readings (°C)									
	1	2	3	4	5	6	7	8	9	10
10	88%	77	66	56	45	35	26	16	7	--
11	89	78	67	57	47	38	28	19	11	2
12	89	79	68	59	49	40	31	22	14	5
13	89	79	69	60	51	42	33	25	16	9
14	90	80	70	61	52	43	35	27	19	11
15	90	80	71	62	54	45	37	29	22	14
16	90	81	72	63	55	47	39	31	24	17
17	91	82	73	64	56	48	41	33	26	19
18	91	82	73	65	57	50	42	35	28	21
19	91	82	74	66	58	51	44	37	30	24
20	91	83	75	67	59	52	45	38	32	26
21	91	83	75	68	60	53	47	40	34	27
22	92	84	76	69	61	54	48	41	35	29
23	92	84	77	69	62	56	49	43	37	31
24	92	84	77	70	63	57	50	44	38	32
25	92	85	77	71	64	57	51	45	40	34
26	92	85	78	71	65	58	52	46	41	35
27	93	85	78	72	65	59	53	47	42	37
28	93	86	79	72	66	60	54	49	43	38
29	93	86	79	73	67	61	55	50	44	39
30	93	86	80	73	67	61	56	50	45	40
31	93	86	80	74	68	62	57	51	46	41
32	93	87	80	74	68	63	57	52	47	42
33	93	87	81	75	69	63	58	53	48	43
34	93	87	81	75	69	64	59	54	49	44

