

OLD
Part-III 3-Tier
2017

GEOGRAPHY

(Honours)

PAPER—VII (Set-1)

(PRACTICAL)

Full Marks : 100

Time : 6 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all the questions.

1. Draw a geological section along the line XY on the given geological map and interpret the same on the following heads.
- (a) Geological succession and structure.
 - (b) Relation of drainage system with underlying structure.
 - (c) Differentiated between true dip and apparent dip.

6+2+2

2. (a) Identify the settlement types and patterns from the given topographical map of plateau region. Find out the relationship between settlement and relief from the given topographical map. 6+4
- (b) Prepare a drainage map based on stream ordering (drainage basin is to be selected by the examiners) and also find out the bi-furcation ratio. Briefly analyse the character of the drainage pattern of the basin. 4+4+2
3. Construct the station models on the basis of the data given below and interpret it. 8+2

Station	C _M	C _H	C _L	N	dd	ff	ww	TdTd
A	3	-	2	6	09	07	22	25
B	7	-	3	4	32	03	96	24

4. Selection by lottery (any one) :
- (a) Take the readings from dry bulb and wet bulb thermometer and record it in proper tabular form. Calculate the relative humidity of air with the help of humidity chart. Define absolute humidity. 8+2

- (b) Record the reading from Barometer in an appropriate table and calculate the atmospheric pressure in mb at that time with necessary temperature correction. How does Barometer help in weather forecasting? 8+2
- (c) Measure the pH value of the supplied soil sample with the help of the soil kit. Write down the steps for measuring the pH value of soil sample with the help of soil kit. 7+3
5. Identify the given five specimens of rocks and minerals mentioning at least two salient features of each. 2×5
6. Field report and Viva-Voce. 20+10
7. Laboratory note book and Viva-Voce. 5+5
-