

NEW
Part-III 3-Tier
2018

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. (a) Illustrate the numbering system with corresponding scale of different series of topographical maps prepared by survey of India. Calculate the magnitude of enlargement of topomap from one series to another.

8+2

- (b) Draw a representative profile of suitable length on supplied topographical map of plateau region in such a way that 'break of slopes' can be identified. Marking the broad relief features on *the profile* draw a transect

(Turn Over)

chart to show the relation among the physical attributes. 5+5

2. (a) Prepare a slope map after Wentworth for 16 sq. km area from supplied SOI toposheet of 1:50,000 scale. [Grid to be selected by the examiners and each cell should be of 1 sq. km.] Interpret the map. 10+2
- (b) Show the relationship between settlement and road network from the selected grid of given topographical map (5' × 5' grid to be selected by the examiners). 8
3. (a) Draw proportional square from the data given below. Also show graphical scale for the squares.

<i>Name of Country</i>	<i>China</i>	<i>India</i>	<i>Keneya</i>	<i>Indonesia</i>	<i>Japan</i>
Tea production (Lakh tons)	10.49	8.93	3.10	1.71	0.92

5

- (b) Prepare a spread sheet in MS Excel to enter the following data and draw suitable cartogram with proper labelling. (Print out of the work to be attached with answer script).

<i>Year</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
Production of fish (lakh ton)	69.1	71.3	76.6	78.2	79.7

5+5

4. (a) Interpret the given Indian Daily Weather map under the following heads :

- (i) Distribution of Pressure ;
- (ii) Wind system ;
- (iii) Identify the season mentioning the basis.

5+8+2

(b) Attempt any one question (selected by lottery):

- (i) Take the readings from dry bulb and wet bulb thermometer and record them in proper table. Calculate relative humidity of air with the help of humidity chart. 5

Or

- (ii) Take the readings of mercury height with great precision from relevant weather instrument and record it in a proper type. Calculate the atmospheric pressure in mb with necessary temperature correction. 5

5. (a) Prepare a survey schedule for collecting data on any one social problem of your locality (at least 10 questions addressing the problem). 5

(b) Attempt any *one* question (selection by lottery)

- (i) Estimate pH of the given soil sample using the soil kit. Explain why the soil having pH6 is ten times more acidic than that of a neutral soil. 7+3

Or

- (ii) Classify texture of the given soil sample under four classes (three sieves). Prepare a table to show distribution of texture. 6+4

6. Practical Note Book and Viva-Voce. 5+5

[Please follow the instructions on the Practical Note Book mentioned in syllabus]

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