

Ex/UG/Sc/CORE/GEOG/TH/04/2019

BACHELOR OF SCIENCE EXAMINATION, 2019

(2nd Year, 2nd Semester)

GEOGRAPHY (HONOURS)

Cartograms and Thematic Mapping

Paper : C204T(CORE-4)

Time : Two hours

Full Marks : 30

GROUP - A

Answer any *four* questions.

5x4=20

1. What are the utilities of drawing wind-rose? What would be the structure of a wind-rose at the time of onset of Monsoon in the western coastline of India? 3+2
2. Differentiate chropleth with isopleths maps. Give an example of agricultural isopleth map. 3+2
3. Differentiate between land use and land cover with suitable examples. Mention the characteristics of a cadastral map. 3+2
4. What are the different types of geomorphological maps? What should be the scale of the map if the area is intensely dissected? 3+2

(Turn Over)

(2)

5. Mention the necessity of using scientific notations. Define a divided proportional circle. 3+2
6. What are the essential features of a well composed map? 3+2

GROUP - B

Answer any *five* questions. 2x5=10

7. What do you mean by graduated line shading in thematic mapping?
8. Which type of data is most suitable for representation by proportional square symbols?
9. Is bar diagram a line feature symbol? Justify.
10. Give two examples of chorochromatic maps.
11. Mention the relationship between natural logarithm and 10 base logarithm.
12. Draw and identify any four forms of conventional signs of fluvial origin for geomorphological mapping.

(3)

13. Mention the merits and demerits of compound bar graphs.
14. Give examples of large-scale and small-scale maps used in real situations.

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