

U.G. 4th Semester Examination - 2020

GEOGRAPHY

[GENERIC ELECTIVE]

Course Code : GEOH/GE/P/02/C

(Surveying and Levelling)

[PRACTICAL]

Full Marks : 20 Time : 4 Hours

The figures in the right-hand margin indicate marks.

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

Answer all the questions.

1. Answer any **five** questions: 2×5=10
- a) What is closing error?
 - b) What is true meridian?
 - c) Distinguish between backsight and foresight.
 - d) Mention the importance of change point in Dumpy level survey.
 - e) What do you mean by height of the instrument?
 - f) What is meant by local attraction?

- g) The following are the observed fore bearings of the lines:

AB $88^{\circ}30'$; BC $142^{\circ}15'$; CD $209^{\circ}10'$; DE $324^{\circ}45'$.

Find their back bearings.

2. Laboratory Note Book and Viva Voce. 5+5=10
