

2022

GEOGRAPHY — HONOURS — PRACTICAL

Paper : CC-4P

Full Marks : 30

The figures in the margin indicate full marks.

SET - II

[Question No. 1(a) or 1(b) or 1(c) on field surveying to be selected by lottery]

(Maximum time for ground survey allotted to each candidate is 25 minutes. Starting time and finishing time of ground survey are to be recorded by the candidate in the field book and to be verified by the examiner concerned on the ground.)

1. (a) Make a closed traverse survey by Prismatic Compass on the given triangle ABC. Plot the triangle with corrected magnetic bearings and adjust the closing error graphically by Bowditch's rule. 15

Or,

- (b) Make a Dumpy Level survey to obtain the reduced levels of at least 6 points located on line PQ at equal distance. Bench Mark at P is 8 m. Shift the instrument at least once to obtain the staff readings.

Draw a longitudinal profile of the line PQ.

15

Or,

- (c) Determine the height of a given object X from a station M, which is accessible from the object X. Prepare a field book and calculate the height of X from the base. 15

2. Draw a section along the given line CD on the Geological Map and interpret the map under the following heads :

- (a) Sequence of beds and rock structure
(b) Topography and its relation to the structure.

6+2+2

3. Viva voce based on Laboratory Notebook.

5