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Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

Geography

GRY 5B 06—CARTOGRAPHY

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Part A

I. Answer all *ten* of the following about 50 words. Each question carries 2 marks :

- 1 Define map scale.
- 2 What is NATMO ?
- 3 What is geodesy ?
- 4 Define mathematical model of the earth.
- 5 What are Toposheets ?
- 6 Illustrate any four symbols used by Survey of India to represent physical features.
- 7 What is GPS ?
- 8 Define Plane Surveying.
- 9 What are hachures ?
- 10 What are thematic map ?

(10 × 2 = 20 marks)

Part B

II. Answer any *six* of the following about 150 words. Each question carries 5 marks :

- 11 Write a short note on the historic development of cartography.
- 12 Write a note on Survey of India.
- 13 Describe the types of map projection.
- 14 Define datum and describe the types.

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- 15 Describe the different basis of classification of maps.
- 16 Write a note on Remote Sensing.
- 17 Describe the factors that are significant in lettering on a map.
- 18 Describe the different methods of visualization of socio-economic data.

(6 × 5 = 30 marks)

Part C

III. Answer any *one* of the following about 300 words. Each question carries 10 marks :

- 19 Differentiate map design and map lay out. Explain the principles of map design.
- 20 Explain the types and significance of special purpose maps.

(1 × 10 = 10 marks)