U.G. 1st Semester Examination - 2019

GEOGRAPHY

[HONOURS]

Course Code : GEO(H)CC-02-T

Full Marks : 40   Time : $2\frac{1}{2}$ 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.

1.   Answer any **five** questions from the followings:

$2\times5=10$

   a)   What is *vernier constant*?

   b)   Write two characteristics of Granite.

   c)   What do you mean by *isoline map*?

   d)   Differentiate *hade* from *heave*.

   e)   What do you understand by *line of unconformity*?

   f)   Differentiate polar from rectangular coordinate.

   g)   Mention two utilities of R.F.

   h)   What is Galena?

[Turn Over]

2. Answer any **two** questions from the followings:

5×2=10

a) Mention the major characteristics of gnomonic projection.

b) State the influence of modern technology on the development of cartography.

c) How would you determine the thickness of bed from a geological map?

d) Identity two merits and two demerits of UTM projection.

3. Answer any **two** questions from the followings:

10×2=20

a) Elucidate the reference scheme of old and open series topographical sheets of SOI.

b) Compare the construction and use of linear, comparative and diagonal scales.

c) Describe the components of a thematic map with suitable examples highlighting there significances.

d) Bring out the concept of Geoid and Spheroid with their applications in modern Cartography.

———————————