

Total number of printed pages-3

3 (Sem-3/CBCS) GLG SE

2021

(Held in 2022)

GEOLOGY

(Skill Enhancement Course)

Paper : GLG-SE-3014

(Basic Field Training)

Full Marks : 50

Time : Two hours

**The figures in the margin indicate
full marks for the questions.**

1. Answer the following questions : **(any four)**
1×4=4

- (i) Define plunge.
- (ii) What is pegmatite ?
- (iii) Define lineation.
- (iv) What is the relationship between strike and dip direction ?

Contd.

(v) Define contour line.

(vi) If $1 \text{ sq. cm} = 0.25 \text{ sq. km}$, what is the scale of the map?

2. Write briefly on the following : **(any three)**

2×3=6

(i) Dip and strike

(ii) Myrmekites

(iii) Graded bedding

(iv) Sandstone

(v) Joint

3. Write short notes on : **(any two)**

5×2=10

(i) Taking bearing using a compass

(ii) Vesicular and amygdaloidal structure

(iii) Unconformities

(iv) Migmatites

4. Answer the following :

10×3=30

(a) (i) Give a detailed account on classification of limestone.

Or

(ii) Discuss on lithology measurement in sedimentary sections using graphs.

(b) (i) Give a detailed account on classification of fold.

Or

(ii) Give a detailed account on foliation.

(c) (i) Write on the methods of orientation of topographic sheets in field.

Or

(ii) Discuss different types of textures in igneous rocks.
