TDP (Honours) 1st Semester Exam., 2019

GEOGRAPHY

(Honours)

FIRST PAPER (CC-1)

(Physical Geography)

Full Marks : 60   Time : 3 Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.

Section - A

1. Answer any *six* of the following questions :   2×6=12

   (a) Mention any two causes of earthquake.

   (b) Distinguish between cuesta and hogback.

   (c) Differentiate between Sial and Sima.

   (d) Distinguish between earth flow and mud flow.

   (e) What do you understand by 'line of compensation'?

                              [Turn Over]

(f) What is tombolo?

(g) Define the term 'cycle of erosion'.

(h) Distinguish between corrasion and attrition.

Section - B

Answer the following questions :   12×4=48

2. (a) Discuss the interior structure of the earth according to Suess. What are the characteristics of Igneous rocks? Describe the landforms produced by intrusive Igneous rocks with neat sketches.   4+4+4=12

Or,

(b) Write the concept of Isostasy. Explain Airy's concept on Isostasy. Write a note on global Isostatic adjustment.   2+5+5=12

3. (a) Explain the following types of fault with neat sketches :   4×3=12

(i) Reverse fault

(ii) Strike slip fault

(iii) Normal fault.

Or,

(b) What is the difference between magma and lava? Write the characteristics of the following types of volcanoes with sketches.   3+(3+3+3)=12

(i) Hawaiian type

(ii) Vulcanian type

(iii) Fissure type.

4. (a) Define Geomorphology. "Complexity in landforms is more common than simplicity" — Explain the statement. What are the different erosional processes of river and glacier?   2+5+5=12

Or,

(b) What do you mean by slope development? Write the concept of slope development proposed by L.C. king with diagram. What are the transportation processes of wind in arid region?   2+5+5=12

[Turn Over]

5. (a) Why are the limestone regions called 'Karst region'? Discuss the favourable conditions for the development of Karst region.

Explain Cvijic's Karst cycle of erosion.

2+5+5=12

Or,

(b) Analyse the formation of 'inverted topography' with neat sketches. Describe different types of moraines with diagram. (4+2)+(4+2)=12