

18U525

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Name:

Reg. No.....

FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2020

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

CC15U GL5 D01 - UNDERSTANDING THE EARTH

(Geology – Open Course)

(2015 Admission onwards)

Time Two Hours

Maximum: 40 Marks

Draw neat sketches wherever necessary

Part A

Answer *all* questions. Each question carries 1 mark.

1. Peeling away of rocks due to weathering.
2. Discontinuity between SIAL and SIMA layer of the Earth.
3. Most violent type of volcanic eruption.
4. Branch of Geology dealing with study of soil.
5. Downward displacement of the surficial earth material without any horizontal motion.
6. Giant waves produced by earthquakes or under sea volcanic eruptions.
7. Flat topped, steep sided mounts in the oceans.
8. Single plume of molten rock ascending from the aesthenosphere into the lithosphere.
9. The point of origin of earthquake.
10. The process of change in pre-existing rock due to the action of pressure, temperature and chemically active fluids.

(10 x 1 = 10 Marks)

Part B (Short Answer Type)

Answer any *five* questions. Each question carries 2 mark.

11. Seismic waves.
12. Causes of landslides.
13. Dunes.
14. Products of volcanism.
15. Elastic Rebound Theory.
16. Spit and Bar.
17. Magma.

(5 x 2 = 10 Marks)

Part C (Paragraph Type Questions)

Answer any *two* questions. Each question carries 5 marks.

18. Structure of Earth
19. Plate tectonics
20. Rock cycle

(2 x 5 = 10 Marks)

Part D (Essay Type)

Answer any *one* question. The question carries 10 marks.

21. Write an essay on agents, types and products of weathering with a note on typical soil profile.
22. Describe the ocean bottom topography along with the recourses of ocean floor.

(1 x 10 = 10 Marks)
