21U525S (Pages: 2) Name: ……..

Reg. No: ……..

FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2023

(CUCBCSS – UG)

CC15U GL5 D01 -UNDERSTANDING THE EARTH

(Geology – Open Course)

(2015 to 2018 Admissions - Supplementary)

Time: Two Hours Maximum: 40 Marks

Draw neat sketches wherever necessary

Part A

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

1. The collective term used for the crust and the uppermost part of the mantle.
2. Most divergent plate boundaries coincide with the crests of submarine mountain ranges are called as?
3. This is a narrow, gently sloping, submerged surface extending from shoreline towards deep ocean.
4. This is the trembling or shaking of the ground caused by the sudden release of energy stored in the rocks beneath the surface.
5. The physical disintegration of rocks into smaller pieces.
6. A volcanic depression much larger than the original crater, having a diameter of at least 1 kilometer.
7. These are the conical undersea mountains that rise 1,000 meters or more above the sea floor.
8. The continents move away from each other freely over Earth's surface, changing their positions relative to one another
9. The most common igneous rock over continents.
10. These usually forms a remarkably flat ocean floor beyond the continental rise

(10 × 1 = 10 Marks)

Part B (Short Answer Type Question)

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

11. Submarine canyons.
12. Focus and epicenter.
13. Trenches.
14. Barrier islands.

15. Ventifacts.
16. Benioff Zone.
17. Seismograph.

(5 × 2 = 10 Marks)

Part C (Paragraph Type Question)

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

18. Draw various erosional or depositional features produced by a glacier.
19. Rock cycle.
20. Different types of volcanoes.

(2 × 5 = 10 Marks)

Part D (Essay Type Questions)

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

21. Give a detailed explanation on the geological work of running water
22. Write an essay on various kinds of motion of lithospheric plates and their resulted landform features.

(1 × 10 = 10 Marks)

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