

QP CODE: 24900121



Reg No:.....

Name:.....

MAHATMA GANDHI UNIVERSITY, KOTTAYAM
FIRST SEMESTER MGU-UGP (HONOURS) REGULAR
EXAMINATION NOVEMBER 2024

First Semester

Multi-Disciplinary Course - MG1MDCGEO100 - UNDERSTAND THE EARTH

(2024 ADMISSION ONWARDS)

Duration: 1 Hours

Maximum Marks: 35

**Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Interest (I),
Appreciation (Ap), and Skill (S)**

*Students should attempt atleast one question from each course outcome to enhance their overall
outcome attainability.*

[Learning Domain][CO No(s)]

Part A

Write Short Notes On Any 7 Of The Following In 60 Words
Each question carries 2 marks

- | | | |
|---|--|---------|
| 1 | Discuss about diameter of the Earth | [U] [1] |
| 2 | Distinguish polar radius and equatorial radius and state their absolute difference | [U] [1] |
| 3 | Distinguish between sedimentary petrology and igneous petrology | [U] [2] |
| 4 | Define Petroleum | [K] [3] |
| 5 | Distinguish between endogenous and exogenous processes | [U] [3] |
| 6 | List out any four preventive measures of landslide hazards | [K] [4] |
| 7 | Discuss the difference between transform and divergent plate boundaries | [U] [3] |
| 8 | Explain the process of formation of sedimentary rock | [U] [2] |

(7 × 2 = 14)

Part B

Write Short Notes On Any 3 Of The Following In 230 Words

Each question carries 7 marks

- | | | |
|----|---|---------|
| 9 | Discuss the dimensional characteristics of the Earth | [U] [1] |
| 10 | Describe fossil fuel, list the types of fossil fuels and explain the process of it's formation. | [K] [3] |
| 11 | Compare and contrast the three rock types- igneous, sedimentary and metamorphic rocks | [U] [2] |
| 12 | Discuss institutional framework and policies to manage disasters in national and state level | [U] [4] |
| 13 | Classify plate boundaries with neat sketches | [U] [3] |

(3 × 7 = 21)

END OF THE QUESTION PAPER
