QP1

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| **University of Kerala** | |
| Discipline: **Geography** | **Time: 1 Hour 30 Minutes (90 Minutes)** |
| Course Code: UK1MDGGY101 | **Total Marks: 42** |
| Course Title: **INTRODUCTION TO EARTH SCIENCE AND ENVIRONMENT** |  |
| Type Of Course: MDC |  |
| Semester: 1 |  |
| Academic Level: 100-199 |  |
| Total Credit: 3 |  |

**Part A. 6 Marks. Time: 6 Minutes**

**Objective Type. 1 Mark Each.**

**Answer All Questions**

**(Cognitive Level: Remember/Understand)**

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| Qn. No | Question | Cognitive Level | Course Outcome (CO) |
| **1** | The largest planet in the solar system is \_\_\_\_\_\_\_\_\_\_\_. | Remember | **CO1** |
| **2** | The time changes by \_\_\_\_\_\_\_\_\_ minutes for every one degree of longitude. | Remember | **CO1** |
| **3** | Disintegration and decomposition of rocks is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Understand | **CO2** |
| **4** | The sudden and violent explosion in the crust of the earth through which magma, gas, dust, smoke and solid materials are ejected is called \_\_\_\_\_\_\_\_. | Understand | **CO3** |
| **5** | An elevated flat surface of land is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.\_\_\_\_\_\_\_\_\_\_\_. | Understand | **CO4** |
| **6** | Deposition of alluvium over vast stretches of land leads to the formation of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plains. | Understand | **CO4** |

**Part B. 8 Marks. Time: 24 Minutes**

**Short Answer. 2 Marks Each. A**

**Answer All Questions**

**(Cognitive Level: Understand/Apply**

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| Qn. No | Question | Cognitive Level | Course Outcome (CO) |
| **7** | Describe Jovian planets. | Understand | **CO1** |
| **8** | What are landslides? | Understand | **CO2** |
| **9** | Define endogenic processes | Apply | **CO3** |
| **10** | What are the main types of mountains? | Apply | **CO4** |

**Part C. 28 Marks. Time: 60 Minutes**

**Long Answer. 7 Marks Each.**

**Answer all 4 Questions, choosing among options within each question.**

**(Cognitive Level: Apply/Analyse/Evaluate/Create).**

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| Qn. No | Question | Cognitive Level | Course Outcome (CO) |
| **11** | Prepare a critical appraisal of various types of weathering  Or  Differentiate between slow and fast mass wasting processes. | Apply | CO2 |
| **12** | Provide a critical analysis of the structure and composition of the earth  **Or**  Analyse the liveability of the planet Mars. | Analyse | CO1 |
| **13** | Distinguish between alluvial plains and loess/desert plains  Or  Differentiate between Dome mountains and volcanic mountains | Evaluate | CO4 |
| **14** | Develop a note on volcanic materials emitted from a volcano.  Or  Create a note on the effects of earthquake in Place A (magnitude 3.5) and Place B (magnitude 7.5) | Create | CO3 |

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| **Cognitive Level** | **Marks** | **Percentage** |
| Remember | 2 | 4.8 |
| Understand | 8 | 19.0 |
| Apply | 11 | 26.2 |
| Analyse | 7 | 16.7 |
| Evaluate | 7 | 16.7 |
| Create | 7 | 16.7 |
| **TOTAL** | **42** | **100** |

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| **Course Outcomes** | **Marks** | **Percentage** |
| CO1 | 11 | 26 |
| CO2 | 10 | 24 |
| CO3 | 10 | 24 |
| CO4 | 11 | 26 |
| **TOTAL** | **42** | **100** |