

**Second Unit Test
2024
GEOLOGY
Sixth Semester
Corse No. : GEL-DSC-601**

Marks: 14

The figures in the margin indicate full marks for the questions

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|---|---|
| 1) What is fuel ratio? | 1 |
| 2) Define coal bed methane and write the advantages of CBM as a source of energy. | 3 |
| 3) Explain the basic principles of underground coal gasification. | 2 |
| 4) How does petroleum originate in nature. | 4 |
| 5) What are the physical properties of petroleum? | 2 |
| 6) Write on migration of kerogen. | 2 |

**Second Unit Test
2024
GEOLOGY
Fourth Semester
Corse No. : GEL-GEC-401/ DSC-401**

Marks: 14

The figures in the margin indicate full marks for the questions

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|---|---|
| 1) What are fossils? Describe various types of fossils. | 3 |
| 2) In which rocks would you find fossils and why? | 1 |
| 3) What is palaeontology? List different branches of palaeontology. | 2 |
| 4) Explain how fossils are preserved in nature. | 3 |
| 5) Write the importance of fossils in Geology? | 3 |
| 6) What are the conditions for fossilisation? | 2 |

**Second Unit Test
2024**

GEOLOGY

Second Semester

Course No. : GEL-GEC-201/ DSC-201

Marks: 14

The figures in the margin indicate full marks for the questions

1. Define mineral and its characteristics. 3
2. What are the physical properties of minerals which are used to identify them? 3
3. Mention diagnostic physical properties of quartz and biotite. 4
4. List the optical properties studied under plane polarised light and cross polars. 4
