

No. of Printed Pages : 1

Sl. No.

**76413**



**M.Sc. II Semester (CBCS) Degree Examination,  
September/October - 2022**

**APPLIED GEOLOGY**

**21APG2C7L : Sedimentary Petrology**

Time : 3 Hours

Maximum Marks : 70

**Note :** Answer **any five** of the following questions with question No. **1** is **compulsory**. Each question carries **equal** marks.

1. (a) What is sediment ? Explain the scope of the sedimentary petrology. **7**  
(b) Discuss the classification of sedimentary rocks. **7**
2. (a) Describe the diagenesis process. **7**  
(b) Write an essay on carbonaceous sedimentary rocks. **7**
3. (a) Describe the alluvial sedimentary environment. **7**  
(b) Write note on the roundness and sphericity in sedimentary rocks. **7**
4. Answer the following :  
(a) Clastic and non-clastic rocks **5**  
(b) Aeolian sedimentary systems **5**  
(c) Glacial sedimentary systems **4**
5. Describe the primary structures of sedimentary rocks with neat sketches. **14**
6. (a) Write a detailed note on the sedimentary basins of India. **7**  
(b) Explain the marginal marine sedimentary environment. **7**
7. Give a detailed account on siliciclastic and argillaceous sedimentary rocks with neat sketch. **14**
8. Write a note on :  
(a) Lithification **5**  
(b) Provenance **5**  
(c) Breccias **4**

- o o o -

