

AU-339

M.Sc. Semester—II (CBCS Scheme) Examination

GEOLOGY

(Sedimentology)

Paper—VII

Time : Three Hours]

[Maximum Marks : 80

- N.B. :—** (1) All questions are compulsory and carry equal marks.
(2) Draw neat sketches wherever necessary.

1. Write in brief on the following :
(a) Surface processes of sedimentation
(b) Skewness and Kurtosis.

OR

- (c) Grain size measurement
(d) Sieving technique.
2. Give in detail classification of limestone as proposed by Folk (1962).

OR

- Give behavioural classification of trace fossils and add a note on their significance.
3. Describe in detail fluvial sedimentary environment and its characteristic deposits.

OR

- Describe in detail shallow marine sedimentary environment and its characteristic deposits.
4. Write in brief on the following :
(a) Paleocurrent analysis
(b) Cathodoluminescence.

OR

- (c) Significance of stromatolites
(d) Preparation of lithologs.
5. Write in brief on the following :
(a) Tectonic control of sedimentation
(b) Rift basin.

OR

- (c) Subduction basin
(d) Delta type basin.

