

D 72906

(Pages : 2)

Name.....²⁷.....

Reg. No.....

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, DECEMBER 2014

(CUCSS)

Applied Geology

GEL 1C 03—STRATIGRAPHY AND APPLIED PALAEOLOGY

(2010 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Answer all questions

I. Answer *all* questions in two or three sentences each :

- 1 Age of Saline Series.
- 2 Riaolo Series.
- 3 Fence diagram.
- 4 Principle of original horizontal ity.
- 5 Suture pattern in ammonoids.
- 6 Pelagic fauna.
- 7 Geologic history of trilobites.
- 8 Straigraphic importance of foraminifers.
- 9 Uses of fossils.

(9 × 1 = 9 weightage)

II. Answer any *five* questions, each not exceeding *two* pages :

- 10 Sargur Group.
- 11 Magnetostratigraphy.
- 12 Preservation of fossils.
- 13 Classification and geologic history of graptolites.
- 14 Extinction of dinosaurs.
- 15 Contributions of Hutton and Lyell.
- 16 Parallel and iterative types of evolution.
- 17 Factors of human evolution.

(5 × 3 = 15 weightage)

Turn over

III. Write essays on :

18 Describe the Cuddapah Supergroup of rocks.

Or

19 Describe the important stratigraphic principles.

(1 × 6 = 6 weighta

20 Describe the imperfections in fossil records.

Or

21 Describe the evolutionary history of horses.

(1 × 6 = 6 weighta