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GIS 406

**First Semester M.Sc. Degree Examination, December 2018/January 2019
(CBCS) GEOINFORMATICS
Fundamentals of Geological Science**

Time : 3 Hours

Max. Marks : 70

I. Define **any five** of the following.

(2×5=10)

- 1) Mantle
- 2) Synclinal fold
- 3) Fault
- 4) Basalt
- 5) Dyke
- 6) Dip and strike
- 7) Oceanic crust.

II. Write short notes on **any five** of the following.

(4×5=20)

- 8) Marble and their uses
- 9) Recumbent fold
- 10) Current bedding
- 11) Origin of laterite
- 12) Continental drift
- 13) Distinguish between shale and slate.
- 14) Rock forming minerals.

III. Answer **any four** of the following.

(5×4=20)

- 15) Write a note on Moh's scale of hardness.
- 16) Explain major and minor plates.

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- 17) Write a note on types of unconformities.
- 18) Describe the formation of conglomerate and breccia.
- 19) Explain the oceanic floor spreading.

IV. Essay type question.

- 20) Give a brief account of the internal structure of the earth. What are the major characteristics of each region ?

OR

What are the metamorphic rocks ? Describe the agents and kind of metamorphism.

10

- 21) Describe different types of faults and draw sketches of the same.

OR

Write an essay on plate tectonics.

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