

20P150

(Pages: 1)

Name:

Reg. No.....

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2020

(CBCSS-PG)

(Regular/Supplementary/Improvement)

CC19P GEL1 C03 – GEOINFORMATICS

(Applied Geology)

(2019 Admission onwards)

Time: Three Hours

Maximum: 30 Weightage

I. Short answer type questions. Answer any *four* questions.

1. Spectral resolution and spatial resolution.
2. Geosynchronous and sun-synchronous satellite.
3. Thematic maps.
4. False Color Composite.
5. Queries.
6. Spectral signatures.
7. Multi Spectral Scanners (MSS)

(4 x 2 = 8 Weightage)

II. Short essay questions. Answer any *four* questions.

8. Electromagnetic radiation.
9. History of GIS.
10. Supervised and unsupervised classification.
11. Explain DBMS.
12. Five fundamental functionalities of a desktop GIS.
13. RADAR
14. Different type of satellite platforms.

(4 x 3 = 12 Weightage)

III. Long essay. Answer any *two* questions.

15. Write an essay on principles and applications of microwave remote sensing.
16. Indian remote sensing satellites.
17. Application of GIS in different field of geology.
18. Aerial photo interpretation.

(2 x 5 = 10 Weightage)
