

C1074

Total Pages : 3

Roll No.

GIS-509/DGIS-509

Application of Geo informatics Part-II

(MAGIS/DGIS)

Second Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.
(2×20=40)

1. Write a note on the forces that affects Earth's crust.
2. Write a detailed note on classification of landform. Briefly explain how interpretation is done for erosional and depositional landforms.

3. Discuss the concept of mapping environmental resources. Write down any five applications of GPS in environment in detail.
4. Discuss the role of GPS in public safety and disaster relief.
5. List down the application of GPS in marine, air, rail and road navigation in detail.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Define Geoinformatics and geosciences? Briefly list down the fields of science which are categorized within the Earth science.
2. Explain types of drainage systems with neat diagram.
3. Discuss the application of Remote Sensing and Geographic Information Systems in Hydro-geomorphology.
4. What is watershed analysis. Throw some light on its major aspects and uses.
5. Briefly explain the application of GPS in Agriculture.

6. What do you understand by Surveying and Mapping?
Differentiate between traditional and modern surveying.
 7. Elaborate the application of GPS in road and transport system.
 8. Write a note on ancient techniques of navigation and the instrument used for the purpose of navigation.
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