

Roll No.

Total Pages : 2

CMDE/M-24

4718

COMPUTING TECHNIQUES IN GEOSCIENCE

Paper–G–203

Time Allowed : 3 Hours]

[Maximum Marks : 75

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Describe the following in 5-10 lines each: $5 \times 3 = 15$
- | | |
|-------------------------|-----------------|
| (a) Plan | (b) ROM |
| (c) Non-Volatile memory | (d) Power Point |
| (e) DOS | |

UNIT–I

2. Discuss WINDOWS operating systems and its characteristics. 15
3. Write short notes on any **two** of the following: $2 \times 7\frac{1}{2} = 15$
- | | |
|--------------------|---------------------|
| (a) CPU | (b) Types of memory |
| (c) Input devices. | |

UNIT–II

4. Describe the data types and statements in FORTRAN. 15
5. Write short notes on any **two** of the following: $2 \times 7\frac{1}{2} = 15$
- | | |
|-------------------------------------|--|
| (a) Programming languages | |
| (b) Iterative statements in FORTRAN | |
| (c) FORTRAN programs. | |

UNIT–III

6. Describe the application of computers in preparation of graphs. 15
7. Write short notes on any **two** of the following: $2 \times 7\frac{1}{2} = 15$
- | | |
|-------------------|-------------------|
| (a) Histograms | (b) Thematic maps |
| (c) Bar diagrams. | |

UNIT–IV

8. Describe the terms mode, median and mean. Illustrate your answer with suitable labelled diagrams. 15
9. Write short notes on any **two** of the following: $2 \times 7\frac{1}{2} = 15$
- | | |
|----------------|-----------------|
| (a) Regression | (b) Correlation |
| (c) Skewness. | |