Post Graduate Diploma in Digital Cartography (ANNUAL/CR)
Annual Examination: March/April-2023
Geography (Compulsoary) Paper-I
DCT1: Fundamentals of Cartography

Day and Date:Saturday,20/05/2023   **Total Marks: 60**
Time: 3.30 PM To 5.30 PM

Instructions:
1. All Questions are Compulsory.
2. All Questions carry equal marks.
3. Figures to the right indicate full marks

Q.1.Choose the Correct alternatives from the following.   15

1   The printing of a map or the electronic duplication of a map in a digital format is called as _____.

    1) Map production   2) Map reproduction   3) Xerography   4) Photography

2   GPS stands for _____.

    1) Global Personal System   2) Global Positioning System   3) Ground Practical System   4) Ground Positioning System

3   In cartography, the process of converting data from analog to digital format is called as _____.

    1) Vectorisation   2) Digitisation   3) Data conversion   4) Correction

4   Worldwide geocaching is carried out by _____.

    1) GIS   2) GPS   3) Internet   4) Remote Sensing

5   Geographic Information System (GIS) was coined in the year _____.

    1) 1960   2) 1070   3) 1980   4) 1990

6   _____ method is used for showing qualitative distribution on a map.

    1) Choropleth   2) Chorochromatic   3) Isopleth   4) Dot

7   The process of selecting the type, preparing the names, and placing them in position is collectively called _____ the map.

    1) Symbolization   2) Lettering   3) Production   4) Visualization

8   The process of creating graphic symbols to represent feature attribute values is part of _____.

    1) Symbolization   2) Generalization   3) Compilation   4) Simplification

9   Which of the following distributional maps shows the district density variation of population in Rajasthan?

    1) Chorochromatic   2) Choropleth   3) Isopleth   4) Choroschematic

10 Lines showing places of equal temperature are called _____.

    1) Isohalines   2) Isobars   3) Isopleths   4) Isotherm

11 ERDAS software is basically used for _____.

    1) Spatial Feature Analysis   2) Digital Image Processing 3) Spatial data analysis 4) Data Format Processing

12 Weekly temperature of a place can be represents by means of _____.

    1) Bar graph   2) Line graph   3) Pie diagram   4) Histogram

13 Digital Elevation Model is a _____ data model.

    1) Vector   2) Raster   3) Primary   4) All of above

14 _____ creates zones consisting of areas within a specified distance of select features.

    1) Buffering   2) overlay   3) Zonation   4) Pattern Analysis

15 _____ is a map that uses a progressive color scheme such as light red to dark red to show the variation is spatial data.

    1) Graduated Color Map   2) Graduated Symbol Map   3) Thematic Map   4) General Map

Q.2. Write short Notes (Three out of Four) .   15

1   Scope of Cartography.

2   Map Reproduction methods.

3   Cartographic Data.

4   Application of computer cartography in natural resource management.

Q.3. Write short Answers (Three out of Four) .   15

1   Explain in brief Manual Cartography.

2   Explain in brief the Rectangular (Projected) Co-ordinate systems.

3   Write in brief the geographic uses of pie diagram.

4   Explain in brief on various software's are used in computer cartography.

Q.4.. Answer the following question on broad. (One out of two).   15

1   What is Cartography? Explain the nature of Cartography.

2   Write down an application of computer cartography in agriculture.

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Model Answer Paper
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    <u>Option 2</u>

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    <u>Option 2</u>

3   In cartography, the process of converting data from analog to digital format is called as
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Option 2

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Option 4

11   ERDAS software is basically used for _____.

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Option 2

12   Weekly temperature of a place can be represents by means of _____.

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13   Digital Elevation Model is a _____ data model.

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Ans:

2   Map Reproduction methods.

Ans:

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Ans:

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Ans:

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Ans:

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Ans:

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Ans:

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