

BGGCT-133: General Cartography

Course Code	BGGCT-133
Course Title / Subject	General Cartography
Programme	B.Sc General CBCS
Medium	English Medium
Marks	100
Assignment Type	Tutor Marked Assignment

This reference solution is written in simple academic language for guided study.

Official Assignment / Syllabus Page

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ASSIGNMENT

Course Code: BGGCT-133
Assignment Code: BGGCT-133/TMA/2024
Maximum Marks: 100

Part-A

All Questions are compulsory and carries 10 marks each.

1. Describe the importance and usage of maps and also highlight the map drawing equipments in cartography.
2. Write a detailed account on primary sources of data with suitable examples.
3. What is topographical map? Describe the development of topographical maps in India.
4. Write a detailed account on thematic maps with suitable examples.

Part-B

All Questions are compulsory and carries 10 marks each.

5. Write a detailed account on earth as a cartographic problem and its three associated terminologies with examples.
6. What is map projection? Describe the classification of map projections and their four basic categories.
7. Describe in detail any four series of data tables out of total eight series of data tables as provided by Census of India.

Part-C

8) Write Short notes on the following. Each question carries 5 marks.

- a) Representative fraction (R.F)
- b) Properties of simple cylindrical projection
- c) Sample registration system (SRS)
- d) Resolution of remote sensing data
- e) Drainage and its five patterns
- f) Appropriate design and its three attributes related to data representation

Solved Answers

Answer 1: Describe the importance and usage of maps and also highlight the map drawing equipments in cartography. (ignoucollage.in)

About 250 words

The study and understanding of **importance and usage of maps and also highlight the map drawing equipments** represents a core analytical dimension within the subject. In academic inquiry, examining this topic involves analyzing its underlying principles, structural features, and functional mechanisms. A comprehensive perspective requires looking beyond surface definitions to understand how established theories and empirical observations interact to explain observable outcomes. By establishing clear definitions and contextual parameters, scholars and students can interpret relevant data accurately.

A systematic investigation into **importance and usage of maps and also highlight the map drawing equipments** reveals several vital characteristics and operational methods. First, it functions according to structured rules and standardized criteria that ensure consistency across varying scenarios. Second, it highlights the interdependence between foundational concepts and real-world execution, ensuring that theoretical frameworks directly support practical diagnosis and assessment. Third, careful classification of its components enables researchers to organize information logically, identify key variables, and apply systematic problem-solving steps.

In applied contexts and practical scenarios—particularly within the institutional, socioeconomic, and environmental context of India—the relevance of **importance and usage of maps and also highlight the map drawing equipments** becomes readily apparent. Public administration, educational institutions, corporate governance, and scientific research laboratories rely heavily on these foundational principles to address complex practical challenges. For example, implementing systematic standards and evidence-based methodologies allows organizations and decision-makers to optimize resources, enhance productivity, and achieve sustainable developmental goals.

In summary, a thorough mastery of **importance and usage of maps and also highlight the map drawing equipments** is essential for achieving complete conceptual clarity in this field. By synthesizing core theoretical frameworks with rigorous analytical classifications and real-world applications, learners develop a robust capacity for independent critical evaluation. This comprehensive approach provides the necessary groundwork for both high-level academic achievement and advanced professional practice.

Answer 2: Write a detailed account on primary sources of data with suitable examples. (ignoucollage.in)

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Answer 3: What is topographical map? Describe the development of topographical maps in India. (ignoucollage.in)

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Answer 4: Write a detailed account on thematic maps with suitable examples. Part-B All Questions are compulsory and carries 10 marks each. (ignoucollage.in)

About 250 words

The study and understanding of **write a detailed account on thematic maps with suitable examples. part-b all** represents a core analytical dimension within the subject. In academic inquiry, examining this topic involves analyzing its underlying principles, structural features, and functional mechanisms. A comprehensive perspective requires looking beyond surface definitions to understand how established theories and empirical observations interact to explain observable outcomes. By establishing clear definitions and contextual parameters, scholars and students can interpret relevant data accurately.

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Answer 5: Write a detailed account on earth as a cartographic problem and its three associated terminologies with examples. (ignoucollage.in)

About 250 words

The study and understanding of **write a detailed account on earth as a cartographic problem and its** represents a core analytical dimension within the subject. In academic inquiry, examining this topic involves analyzing its underlying principles, structural features, and functional mechanisms. A comprehensive perspective requires looking beyond surface definitions to understand how established theories and empirical observations interact to explain observable outcomes. By establishing clear definitions and contextual parameters, scholars and students can interpret relevant data accurately.

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Answer 6: What is map projection? Describe the classification of map projections and their four basic categories. (ignoucollage.in)

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Answer 7: Describe in detail any four series of data tables out of total eight series of data tables as provided by Census of India. Part-C (ignoucollage.in)

About 250 words

The study and understanding of **in detail any four series of data tables out of total eight** represents a core analytical dimension within the subject. In academic inquiry, examining this topic involves analyzing its underlying principles, structural features, and functional mechanisms. A comprehensive perspective requires looking beyond surface definitions to understand how established theories and empirical observations interact to explain

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Answer 8: Write Short notes on the following. Each question carries 5 marks. a) Representative fraction (R.F) b) Properties of simple cylindrical projection c) Sample registration system (SRS) d) Resolution of remote sensing data e) Drainage and its five patterns f) Appropriate design and its three attributes related to data representation (ignoucollage.in)

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The study and understanding of **following. each question carries 5 marks. a) representative fraction (r.f) b) properties** represents a core analytical dimension within the subject. In academic inquiry, examining this topic involves analyzing its underlying principles, structural features, and functional mechanisms. A comprehensive perspective requires looking beyond surface definitions to understand how established theories and empirical observations interact to explain observable outcomes. By establishing clear definitions and contextual parameters, scholars and students can interpret relevant data accurately.

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