

India's Number 1 Education App

## **GEOGRAPHY**

# BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

# SPATIAL INFORMATION TECHNOLOGY

Ncert Textbook Questions Solved

**1.** Choose the right answer from the alternatives given below :

The spatial data are characterised by the

following forms of appearance :

A. Positional

B. Linear

C. Areal

D. All the above forms.

Answer: B

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2. Choose the right answer from the alternatives given below :

Which one of the following operations

requires analysis module software ?

A. Data storage

B. Data display

C. Data output

D. Buffering

Answer: D





**3.** Choose the right answer from the alternatives given below :

Which one of the following is disadvantage of Raster data format ?

A. Simple data structure.

B. Easy and efficient overlaying.

C. Compatible with remote sensing

imagery.

D. Difficult network analysis .

#### Answer: D



**4.** Choose the right answer from the alternatives given below :

Which one of the following is an advantage of

Vector data format ?

A. Complex data structure.

B. Difficult overlay operations.



sensing data.

D. Compact data structure

Answer: D

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5. Choose the right answer from the alternatives given below :
Urban change detection is effectively undertaken in GIS core using .

A. Overlay operations

B. proximity analysis

C. Network analysis

D. Buffering

#### Answer: B

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6. Answer the following question in about 30

words :

Differentiate between raster and vector data

models.



7. Answer the following question in about 30

words :

What is an overlay analysis ?

8. Answer the following question in about 30

words :

What are the advantages of GIS over manual

methods?

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9. Answer the following question in about 30

words :

What are important components of GIS ?

**10.** Answer the following question in about 30 words :

What are different ways in which spatial data

is built in GIS core?

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**11.** What is Spatial Information Technology?

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12. Answer the following question in about 125

words :

Differentiate between raster and vector data

formats. Give example.



13. Answer the following question in about 125

words :

Write an explanatory account of sequence of

activities involved in GIS related work.



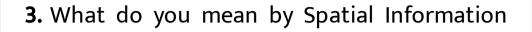
Additional Questions Solved I Very Short Answer Questions

What do you mean by Database
 Management System (DBMS) and the

Computer - Assisted Cartography?

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2. What is Spatial Information System?

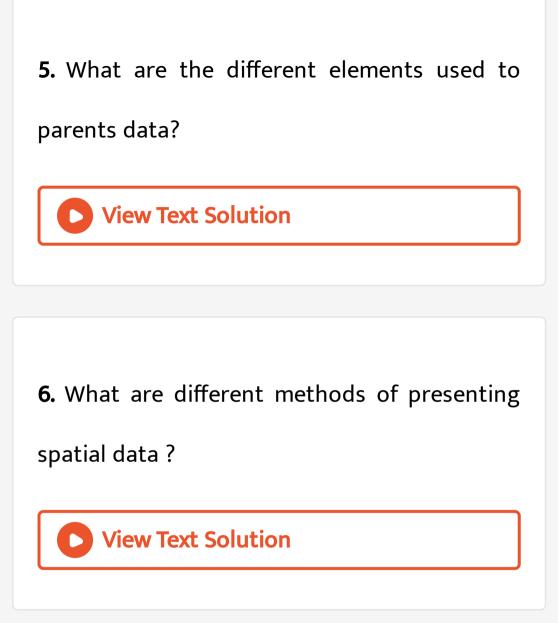


Technology?



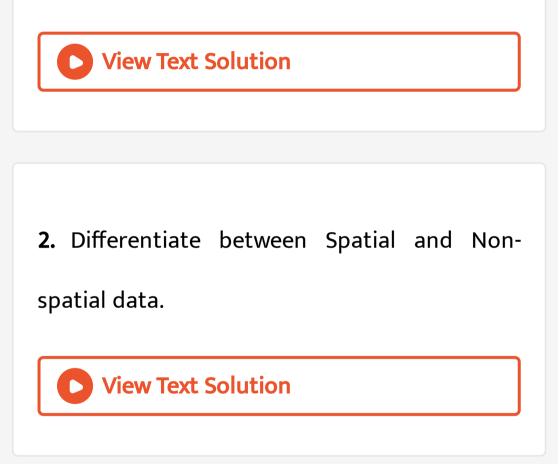
### 4. What do you mean by GIS ?





Additional Questions Solved Ii Short Answer Questions 1. Name the disciplines associated with and

helpful in Geographical Information System.



3. Explain the role of computer in Cartography.

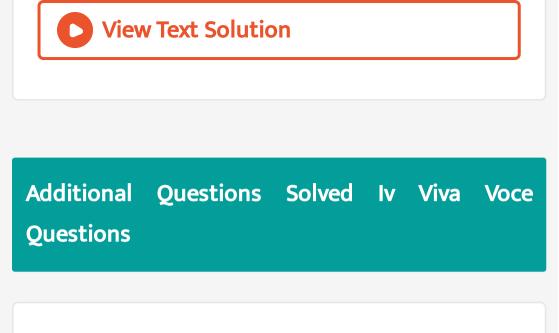
### Additional Questions Solved Iii Long Answer Questions

**1.** Explain advantages and disadvantages of raster method.

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2. Explain the merits and demerits of vector

system.



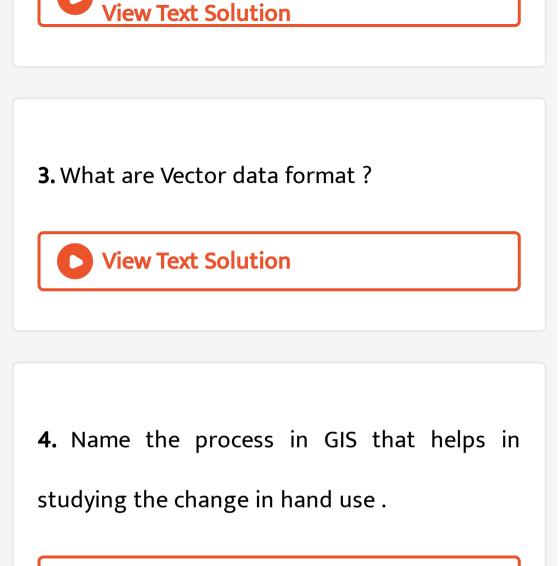
**1.** Given full from of the following.

(a) DBMS (b) GPS (c) GIS

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2. What are Raster data format ?





5. What do you know about GIS ?

