



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



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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



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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.

C. Lack of compatibility with remote 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.



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7. Answer the following question in about 30 words :

What is an overlay analysis ?



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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 ?



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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.



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13. Answer the following question in about 125 words :

Write an explanatory account of sequence of activities involved in GIS related work .



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Additional Questions Solved | Very Short Answer Questions

1. What do you mean by Database Management System (DBMS) and the Computer - Assisted Cartography ?



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2. What is Spatial Information System ?



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3. What do you mean by Spatial Information Technology?



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4. What do you mean by GIS ?



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5. What are the different elements used to parents data?



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6. What are different methods of presenting spatial data ?



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Additional Questions Solved li Short Answer Questions

1. Name the disciplines associated with and helpful in Geographical Information System .



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2. Differentiate between Spatial and Non-spatial data.



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3. Explain the role of computer in Cartography.



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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.



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Additional Questions Solved Iv Viva Voce Questions

1. Given full form of the following.

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



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2. What are Raster data format ?





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3. What are Vector data format ?



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4. Name the process in GIS that helps in studying the change in land use .



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5. What do you know about GIS ?



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6. Name different components of GIS.



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