



GEOGRAPHY

BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

USE OF COMPUTER IN DATA PROCESSING AND MAPPING

Ncert Textbook Questions Solved

1. What type of graph would you use to represent the following data?

States	Share of Production of Iron-ore (in %)
Madhya Pradesh	23.44
Goa	21.82
Karnataka	20.95
Bihar	16.98
Orissa	16.30
Andhra Pradesh	0.45
Maharashtra	0.06

A. Line

B. Multiple bar graph

C. Pie-diagram

D. None of the above

Answer: C



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2. Districts within states would be represented in which type of spatial data?

- A. Points
- B. Lines
- C. Polygons
- D. None of the above

Answer: C



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3. Which is the operator that is calculated first in a formula given in a cell of a worksheet?

A. +

B. —

C. /

D. ×

Answer: C



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4. What are the functions of different hardware components and software requirements of a computer?



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5. What are the advantages of using computer over manual methods of data Processing and representation?



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6. What is a worksheet?



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7. What is the difference between spatial and non spatial data? Explain with examples.



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8. What are the three forms of geographical data in computer?





Ncert Textbook Questions Solved Activity

1. Carry out the following steps using the given data set.
 - a. Enter the given data in a file and store in My Documents folder (Name the file as rainfall).
 - b. Calculate the standard deviation and mean for the given data set using Function Wizard in Excel spreadsheet.
 - c. Compute coefficient of variation using the

results derived in step. b.

d. Analyse the results.



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2. Represent the data given below using a suitable technique with the help of a computer and analyse the graph.

Cropping Intensity in India

Year 80s	CI 80s	Year 90s	CI 90s
1980-81	123.3	1990-91	129.9
1981-82	124.5	1991-92	128.7
1982-83	123.2	1992-93	130.1
1983-84	125.7	1993-94	131.1

1984-85	125.2	1994-95	131.5
1985-86	126.7	1995-96	131.8
1986-87	126.4	1996-97	132.8
1987-88	127.3	1997-98	134.1
1988-89	128.5	1998-99	135.4
1989-90	128.1	1999-00	134.9





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[Additional Questions](#) [Solved](#) [Short Answer Questions](#)

1. What is a computer?



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[Additional Questions](#) [Solved](#) [Very Short Answer Questions](#)

1. What are the main component parts of a computer?



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2. What are the important hardware components of a computer?



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3. Name the important software used in geography.



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4. What are the important software applications of a computer?



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5. How is MS -excel an important software in Geography?



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6. What do you mean by a spread sheet?



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7. Explain the keyboard functions of MS Excel.



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8. What are the important rules for presentation of data?



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9. What are different types of data and how are they presented?



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10. How do we solve arithmetic expressions in MS Excel?



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11. Which measures of central tendency can be measured from MS excel? Explain any one of them.



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12. Using a suitable example, explain the steps to be followed for drawing different types of diagrams and charts in MS Excel.



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Additional Questions Solved Long Answer Questions

1. How does computer work?



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Additional Questions Solved Viva Voce Questions

1. What is spatial data?



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2. What is Non-spatial data?



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3. What is a mapping software?





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4. What is a digised map?



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5. What are the important software applications of a computer?



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6. Name the important software used in geography.



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Test Assignment

1. What is meant by cell in a computer?



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2. Discuss the things which a computer can't do.



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3. What is Modem in a computer system?



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4. Discuss the use of graphs, diagrams and maps.



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5. What do you understand by mapping software? Also discuss their functions.



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