

4. Describe briefly, Cloud computing and enlist its benefits. 4
5. Differentiate between Memory Button and Optical Memory Card. 4
6. Write short note on any one of the two in about 100 words : 4
 - (a) P2P
 - (b) Bluetooth
7. What is the impact of E-Governance in Record keeping ? 4
8. What are the different methods to secure the data in computer from attacks ? 4
9. Explain the Geographic Co-ordinate System in GIS. 4
10. Explain the Project Life Cycle. 4

PART - B
(Long Answer Type)

1. (a) Explain the Conditional Formatting feature in MS- Excel. Write down the steps to use Conditional Formatting. **10**
- (b) What is Sensitivity Analysis ? Explain the Single and Double Variable Sensitivity Analysis.
2. Write Short Notes on (Related to Database). **10**
- (a) Data Redundancy and Data Inconsistency
- (b) SQL
- (c) Static and Dynamic Query in MS - Access
- (d) Database Administrator and a Data Administrator
- (e) Roll back and Roll Forward
3. Explain the following : **10**
- (a) PERT
- (b) Critical Path
- (c) Slack Time
- (d) Types of Task Dependency
- (e) Lag Time
4. (a) How are charts useful in Excel ? Compare any three chart types available in Excel. **10**
- (b) What is the difference between Animation and Transition ?

PART - C
(Long Answer Type)

1. What is Cyber Crime ? Describe the different types of Cyber Crimes. How to prevent Cyber Crime ? **10**

 2. Differentiate between e-commerce and m-commerce. What are the key factors in designing m-commerce ? **10**

 3. Explain in details the implementation of e-Office application in an organisation. What are the benefits of using e-Office applications ? **10**

 4. Explain the role of ICT in Public Distribution System (PDS). Write down the key components and benefits of Public Distribution System in terms of ICT. **10**
-