

Duration 2 ½ hours

Max marks: 75

- NOTE :**
- i. All questions are compulsory.
 - ii. Figures to the right indicate full marks.
 - iii. Draw neat and clean diagram whenever necessary.

Q1. Choose correct alternatives. (Any 8)**8 Marks**

1. A _____ monitors all of the traffic entering your computer networks.
 - a) Firewall
 - b) Antivirus
 - c) Phishing
 - d) None of these
2. A _____ is defined as a "group of computers connected together to share the resources"
 - a) NIC
 - b) Modem
 - c) Network
 - d) None of these
3. _____ is a type of internet fraud that seeks to acquire a user's credentials by deception.
 - a) Phishing
 - b) spam
 - c) virus
 - d) worm
4. _____ Function returns the interest rate for an annuity.
 - a) IPMT
 - b) Rate
 - c) Sum
 - d) None of these
5. _____ refer to the application of computers and communication technology to office functions.
 - a) Office automation system
 - b) Executive Information system
 - c) Processing system
 - d) None of these
6. _____ is a collection of web pages maintained by a single person or organization that are linked with each other to form a single body of information.
 - a) Web page
 - b) website
 - c) Web server
 - d) web client
7. _____ are the policies that govern the operation of a computer system.
 - a) Procedure
 - b) people
 - c) hardware
 - d) software
8. _____ is the generic term for a collection of private computer networks within an organization.
 - a) Intranet
 - b) Extranet
 - c) Ultra net
 - d) None of these
9. _____ are styles that can be applied to text to create a visual effect.
 - a) Alignment
 - b) Indent
 - c) WordArt
 - d) None of these
10. _____ is basically a journal that is available on the web.
 - a) Web blog
 - b) m-commerce
 - c) Website
 - d) web page

Q1.B State whether the following statements are True or False (Any 7)**7 Marks**

1. A business expert system is a basic information system based on data input.
2. A Bridge helps to join two separates computer networks together.
3. Gmail is Google's paid e-mail service.
4. Facebook, simply a blog, is basically a journal that is available on the web.
5. URL stands for universal resource locator.
6. A pivot table is way to present information in a report format.
7. Word press is world's most popular platform used by websites
8. EPS is electronic payment system

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- 9. Artificial intelligence is the area of computer science
- 10. The term open source refers to something people can modify and share because its design is publicly accessible.

- Q2.** A. Compare management information system with executive information system. **8 Marks**
- B. What is Operating System? Explain different Operating Systems in detail? **7 Marks**

OR

- Q2.** A. explain the concept of database in detail. **8 Marks**
- B. What is Information technology? Discuss any five reasons why IT is successful in India. **7 Marks**

- Q3.** A. What is IP Address? How is it assigned? **8 Marks**
- B. Difference between B2B and B2C E-commerce with example. **7 Marks**

OR

- Q3.** A. Explain RATE, PPMT and PV financial functions with proper examples. **8 Marks**
- B. Explain the difference Between VLOOKUP and HLOOKUP **7 Marks**

- Q4.** A. Explain in brief Business Model based on Revenue? **8 Marks**
- B. Write a short note on bulk Email software. **7 Marks**

OR

- Q4.** A. Compare LAN, MAN and WAN in detail. **8 Marks**
- B. Explain the Concept of Bridges & Routers **7 Marks**

- Q5.** A. What is Risk Mitigation? Explain its Strategies **8 Marks**
- B. What is Hosting? What are types of Hosting? **7 Marks**

OR

- Q5. Write Short Notes (Any 3) **15 Marks****

- 1. Linux Operating System
- 2. Electronic payment system(EPS)
- 3. Trojan horse
- 4. Digital Organization
- 5. Hub
