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 computes 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

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