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Eng

Sardar Patel University
B.A. – Semester-II
Subject Code: UA02CCOM04
Network & cyber security

Date: 02/04/2018, Monday

Time: 10.00 am to 01.00 pm

Total Marks: 35

- Q-1. Answer the following from the given options. 5
- 1 Physical and logical arrangement of network is _____.
(a) Topology (b) Routing (c) internet (d) None of these
 - 2 Data Communication System within a Building or campus is called _____.
(a) LAN (b) MAN (c) WAN (d) None of these
 - 3 IP address is made up of _____ bits.
(a) 8 (b) 16 (c) 32 (d) None of these
 - 4 Which one of the following is not a web browser.
(a) Firefox (b) Internet explorer (c) Google chrome (d) Notepad
 - 5 Computer Viruses are _____.
(a) Machine made (b) Naturally occur (c) Manmade (d) None of these
- Q-2. Answer the following in short. (any five) 10
- 1 What is Dial-up Connection?
 - 2 What is the use of Router?
 - 3 What is WWW?
 - 4 What is Hotspot?
 - 5 What is spyware?
 - 6 What is Ransomware?
 - 7 What is online Shopping?
- Q-3. (a) Write the advantages of Wireless LAN. 2
(b) Discuss Bus topology and Ring topology with diagram. 3
OR
- (b) What is Network? List the types of Network. Write the advantages of networking. 3
- Q-4. (a) Write difference between Internet and Intranet. 2
(b) Explain Internet browser and search engine? 3
OR
- (b) Write a note on Web portal. 3
- Q-5. (a) What is security tokens? 2
(b) What is Phishing? Discuss the measures for staying safe over Phishing. 3
OR
- (b) Discuss safe measures for e-payment and e-banking. 3
- Q-6. (a) What is Worm related to computers? 2
(b) What is Malware? State the measures for staying safe over Malware. 3
OR
- (b) Explain Computer Virus in Detail. 3

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- Q-1. નીચેના પ્રશ્નોના આપેલ વિકલ્પમાંથી યોગ્ય વિકલ્પ પસંદ કરી જવાબ આપો. 5
- 1 નેટવર્કની ભૌતિક અને તાર્કિક ગોઠવણ ને _____ કહે છે.
(a) Topology (b) Routing (c) internet (d) None of these
 - 2 બિલ્ડીંગ અથવા કેમ્પસની અંદરની Data Communication System ને _____ કહે છે.
(a) LAN (b) MAN (c) WAN (d) None of these
 - 3 IP address _____ bits નું બનેલું હોય છે.
(a) 8 (b) 16 (c) 32 (d) None of these
 - 4 નીચેના માંથી કયું એક web browser નથી ?
(a) Firefox (b) Internet explorer (c) Google chrome (d) Notepad
 - 5 Computer Viruses _____ છે.
(a) મશીન સર્જિત (b) કુદરતી સર્જિત (c) માનવ સર્જિત (d) એકપણ નહિં
- Q-2. Answer the following in short. (any five) 10
- 3 Dial-up Connection એટલે શું??
 - 4 Router નો ઉપયોગ શું છે?
 - 3 WWW એટલે શું?
 - 4 Hotspot એટલે શું?
 - 5 Spyware શું છે?
 - 6 Ransomware એટલે શું?
 - 7 Online Shopping વિશે જણાવો.
- Q-3. (a) Wireless LAN ના ફાયદા લખો. 2
(b) Bus અને Ring ટોપોલોજી વિશે આકૃતિ દોરી સમજાવો. 3
- OR
- Q-4. (b) Network એટલે શું? Network ના પ્રકાર જણાવો. Networking ના ફાયદા લખો. 3
(a) Internet and Intranet વચ્ચેનો તફાવત આપો. 2
(b) internet browser and search engine સમજાવો. 3
- OR
- Q-5. (b) Web portal ઉપર નોંધ લખો. 3
(a) Security tokens શું છે? 2
(b) Phishing એટલે શું? Phishing થી બચવાના ઉપાયો જણાવો. 3
- OR
- Q-6. (b) e-payment and e-banking વખતે કઈકઈ બાબતો ધ્યાનમાં રાખવી જોઈએ? 3
(a) Computer માં Worm એટલે શું? 2
(b) Malware એટલે શું? Malware થી સુરક્ષિત રહેવાના ઉપાયો જણાવો. 3
- OR
- (b) Computer Virus વિગતવાર સમજાવો. 3