Syllabus, Question Paper, Programs of BCA, BBA

A-3774

Third Year B.C.A. (Sem. V) Examination March / April – 2015 Paper - 503 : Network Technologies

Time : 3 Hours][Total Marks : 70	
Instructions :	
(1)	1
નીચે દશાવલ 🛖 નિશાનીવાળી વિગતો ઉત્તરવહી પર અવાય વખવી. Fillup strictly the details of 🛶 signs on your answer book. Name of the Examination :	2
THIRD YEAR B.C.A. (SEM. V)	
Name of the Subject :	
PAPER - 503 : NETWORK TECHNOLOGIES	
Subject Code No. : 3 7 7 4 Section No. (1, 2,) Nil Student's Signature	
(2) All questions are compulsory.	
(3) Do not interchange sub questions.	
1Answer the following question in brief.10	
(1) Define analog and digital signals.	
(2) What is on-line storage, offline storage and near-line storage?	
(3) What are advantages and disadvantages of Bus topology?	
(4) Define the term: baud and bandwidth.	
(5) Briefly explain dedicated servers.	
2 Answer the following question. (Any 4) 20	
(1) Define the term Cryptography. Write a note on Asymmetric Cryptography.	
(2) Write a note on twisted pair cable.	
(3) Write a note on UDP.	
(4) Explain the responsibilities of application and	
presentation layers of OSI model.	
(5) Explain print server and message server.	

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- 3 Answer the following question in detail. (any 3)
 - (1) Explain peer Networks. Discuss advantages and disadvantages of it.
 - (2) Discuss need, uses and advantages of network.
 - (3) Write a note on Firewall.
 - (4) Explain common features of different network operating system.
- (a) Explain satellite communication.
 - (b) Explain wireless ad-hoc network and wireless Sensor 8 Network.

OR

(b) What is segment? Explain each fields of TCP segment. 8

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