

BACHELOR OF COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination

00320

June, 2014

BCSL-056 : Network Programming and Administration Lab

Time allowed : 1 hour

Maximum Marks : 50

Note : There are two compulsory questions, 20 marks each. 10 marks are for viva-voce.

1. Write and run a client and server program using C - language in UNIX as per following details :
 - TCP client program will establish connection and send a text string to the server.
 - The TCP server will accept the string and send back the reverse of this string.

 2. Configure a Remote Server and transfer a Directory to Remote Server in Linux.
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BACHELOR OF COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination

01610

June, 2014

BCSL-056 : Network Programming and Administration Lab

Time allowed : 1 hour

Maximum Marks : 50

Note : There are two compulsory questions, 20 marks each. 10 marks are for viva-voce.

1. Write and run a client and a server program using C - language in UNIX, with the following details :
 - A UDP client will send 3 numbers to the server.
 - UDP server will send back the largest among 3 numbers to the respective client.

 2. Configure and test the inbuilt firewall in Linux.
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BACHELOR OF COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination

00260

June, 2014

BCSL-056 : Network Programming and Administration Lab

Time allowed : 1 hour

Maximum Marks : 50

Note : There are two compulsory questions, 20 marks each. 10 marks are for viva-voce.

1. Write and run a client and a server program using C - language in UNIX with the following specification :
 - A UDP client will send a string to the server.
 - Server will check the string and send its ASCII value to the respective client.

 2. Configure FTP server in Linux then install and test a FTP client.
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BACHELOR OF COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination

00090

June, 2014

BCSL-056 : Network Programming and Administration Lab

Time allowed : 1 hour

Maximum Marks : 50

Note : *There are two compulsory questions, 20 marks each. 10 marks are for viva-voce.*

1. Write and run a client and a server program using C - language in UNIX as per following specification :
 - A TCP client program will establish a connection and send a text string to the server.
 - TCP server will accept the string and send back the number of vowels in the string.

 2. Configure and test *Telnet* in Linux.
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