Code No: **R42029** # R10 Set No. 1

IV B.Tech II Semester Regular Examinations, April/May - 2014
UNIX AND SHELL PROGRAMMING
(Electrical and Electronics Engineering)

Time : 3 hours   **Max. Marks: 75**

Answer any Five Questions
All Questions carry equal marks
*****

1 a) Explain the unix kernel architecture   [7]

   b) Explain the following unix commands
         i) ssty   ii) cp   iii) tar   iv) printf   [8]

2 a) Explain vi editor   [8]

   b) Explain the following commands
         i) unlink   ii) umount   iii)tee   [7]

3 a) What is a shell? Explain standard streams in unix   [8]

   b) Explain tee command   [7]

4 a) What is a regular expression? Explain various types of grep   [8]

   b) Write a grep(egrep) command that selects the lines from file1 that start with the
       string "UNIX" and end with the string "UNIX"   [7]

5 a) Explain awk scripts in detail   [8]
   b) Explain the system commands in awk with example   [7]

6 a) Explain the following
         i) Trash File   ii) Terminal File   [8]
   b) Write each of the following file expressions in Korn shell
         i) file1 is empty   ii) file2 is not readable   [7]

7 a) Explain the following
          i) Shell variables   ii)   Environmental variables   [8]
   b) Write a shell program which takes a source file name and directory names as
       command line arguments and prints messages yes if the file is found in any of
       the given directories else prints no   [7]

8 a) Explain the following System Call with syntax
         i) lseek   ii) chown   [8]
   b) Explain the following Directory API with example
         i) umask   ii) mkdir   [7]

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Code No: **R42029**

R10

Set No. 2

IV B.Tech II Semester Regular Examinations, April/May - 2014
UNIX AND SHELL PROGRAMMING
(Electrical and Electronics Engineering)

Time : 3 hours   Max. Marks: 75
Answer any Five Questions
All Questions carry equal marks
*****

1 a) Explain different unix versions   [7]

   b) Explain the following unix commands
        i) path   ii) script   iii) who   iv) lp   [8]

2 a) Explain file handling utilities   [8]

   b) Explain the following commands
        i) ftp   ii) uniq   iii) tar   [7]

3 a)   Explain pre defined variables   [8]

   b) Define an alias. Which shell(s) support aliases? Can an alias be used to rename
       a file? If it can, how   [7]

4 a) Briefly explain sed commands   [8]

   b) Write a sed command that swaps the first and second character in each line in a
       file   [7]

5 a) How the awk utility views a file? Explain the field buffers and Record buffers
       of awk   [8]
   b) Explain the following String functions with example
        i) length   ii) index   iii) split   [7]

6 a) Explain the Korn shell features   [8]
   b) Write the following relational expressions in the Korn shell
        i)   x < 9   ii) x < =y   iii) x!=y   iv) x = = y   [7]

7 a) Describe C shell features   [6]
   b) Explain while , foreach and repeat loop in C shell   [9]

8 a) Explain the following System Call with syntax   [8]
         i) close   ii) lstat
   b) Explain the following Directory API with example   [7]
        i) closedir ii) umask

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Code No: **R42029**

R10

Set No. 3

IV B.Tech II Semester Regular Examinations, April/May - 2014
UNIX AND SHELL PROGRAMMING
(Electrical and Electronics Engineering)

Time : 3 hours   Max. Marks: 75

Answer any Five Questions
All Questions carry equal marks
*****

1 a) Describe the unix features   [7]

   b) Explain the following unix commands
       i) printf   ii) date   iii) od   iv) gzip   [8]

2 a) Explain unix file permissions for security   [7]

   b) Explain the following commands
       i) finger   ii)tail   iii) comm.   [8]

3 a) What is redirection? Explain standard redirections   [7]

   b) Explain head and tail commands. Using head and tail command , write a single
       command to copy lines 20 to 60of file 1 to file2   [8]

4 a) Mention the primary difference between fgrep and other two members of the
       family   [8]
   b) Explain sed script format and instruction format   [7]

5 a) Explain the categories of patterns in awk utility in detail   [7]
   b) Explain the following awk applications with example
        i) phone List   ii) count Line and words   [8]

6 a) Explain the following Environmental variable of korn shell with example
        i) CDPATH   ii) ENV   iii) PWD   iv) MAIL   [8]
   b) Write each of the following expressions in korn shell
        i) $z = t*(4/x)+6$ ii) $x = x+y+z$ [7]

7 a) Explain the startup script and shutdown script in C shell   [8]
   b) Explain the environment variables of C-shell   [7]

8 a) Explain the following System Call with syntax
        i) create   ii) write   [8]
   b) Explain the following commands with example
        i)closedir   ii) opendir   [7]

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Code No: **R42029**

R10

Set No. 4

IV B.Tech II Semester Regular Examinations, April/May - 2014
UNIX AND SHELL PROGRAMMING
(Electrical and Electronics Engineering)

Time : 3 hours   Max. Marks: 75
Answer any Five Questions
All Questions carry equal marks
*****

1 a) Briefly explain different unix shell features.   [7]

   b) Explain the following unix commands
       i) echo   ii) more   iii) passwd   iv) cat   [8]

2 a) Explain unix file system   [7]

   b) Explain the following commands
       i) ps   ii) rlogin   iii) awk   [8]

3 a) What is quoting? What are the three quote tokens? Explain   [6]

   b) Define the uniq command. What is its general application? Can the input from
       the keyboard? From the file? From the several files? Can the output of the uniq
       command go to the monitor? To a file? To more than one file   [9]

4 a) Explain grep family in detail   [7]

   b) Write a sed command that replaces all single spaces(only single spaces) at the
       beginning of each line with a tab   [8]

5 a) What is awk utility? Explain the options of awk utility   [9]

   b) Compare sed and awk   [6]

6 a) Explain Korn shell input and output commands with example   [7]

   b) Write each of the expressions in Korn shell
       i) 3+4   ii) 4/x   iii) x*14   iv) x%5   [8]

7 a) Explain eval command in C shell with example   [6]

   b) Write a script to backup a list of files   [9]

8 a) Explain the following System Call with syntax
       i) close   ii)read   [7]
   b) Explain the following Directory API with example
       i) readdir   ii) mkdir   [8]

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Code No: **R4205G**

R10

Set No. 1

IV B.Tech II Semester Regular Examinations, April/May - 2014

E- COMMERCE

(Common to Computer Science & Engineering and Information Technology)

Time : 3 hours   Max. Marks: 75

Answer any Five Questions
All Questions carry equal marks
****

1	a)	Explain the Generic Frame work of the E-Commerce	[8]
	b)	List and Briefly explain E-Commerce applications	[7]
2	a)	Explain Merchantile's process using Digital Cash	[8]
	b)	Explain Merchantile's model from the Merchant's perceptive	[7]
3	a)	Explain Banking and financial payments w.r.t Electronic funds transfer	[5]
	b)	Explain Retailing payments w.r.t Electronic funds transfer	[5]
	c)	Explain On-line electronic commerce payments w.r.t Electronic funds transfer	[5]
4	a)	Give different ways by which EDI tan reduce the time and cost	[8]
	b)	List the Advantages of EDI for international trade	[7]
5		Explain the following major approaches are used to form virtual organizations:	
	a)	Downward approach	[8]
	b)	Lateral approach	[7]
6	a)	Explain the Digital Document Management: Issues and Concerns	[8]
	b)	Explain the capabilities provided by the structured documents	[7]
7		Explain the following three different paradigms of information search and resource discovery:	
	a)	Information search and retrieval	[5]
	b)	Electronic directories and catalogs	[5]
	c)	Information filtering	[5]
8	a)	Write Short Notes on Symmetric & Asymmetric Multiprocessing	[8]
	b)	Write Short Notes on Preemptive & Non Preemptive Multitasking	[7]

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Code No: **R4205G**

R10

Set No. 2

IV B.Tech II Semester Regular Examinations, April/May - 2014
E- COMMERCE
(Common to Computer Science & Engineering and Information Technology)

Time : 3 hours **Max. Marks: 75**
Answer any Five Questions
All Questions carry equal marks
*****

1 Explain the following are the various e-commerce consumer applications:

   a) Consumer applications and social interaction   [5]
   b) Needs of the customers   [5]
   c) Customers willingness to pay to satisfy their needs   [5]

2 a) Explain the business issues that must be addressed before consumer-oriented
      e-commerce can become widespread   [7]
   b) Explain Merchantile's model from the consumer perceptive   [8]

3 a) Explain the Four dimensions that are useful for handling electronic tokens   [12]
   b) Give the reasons why Cash remains the dominant form of payment   [3]

4 a) Explain the internals of EDI for international trade   [8]
   b) Explain EDI process using VALUE-ADDED NETWORKS (VAN)   [7]

5 a) Explain the problems with Vertical Organization   [8]
   b) Explain the Horizontal Organizational Structure   [7]

6 Elaborate about the four different types of Digital documents   [15]

7 a) Explain about End-user Retrieval Phase and Publisher Indexing Phase   [8]
   b) Explain about Wide Area Information Service (WAIS) Engine   [7]

8 a) Explain in detail about the categories of codec schemes   [10]
   b) List the factors have made desktop video conferencing a viable solution for
      business and personal communications today   [5]

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Code No: **R4205G**   **R10**   Set No. 3

IV B.Tech II Semester Regular Examinations, April/May - 2014
E- COMMERCE
(Common to Computer Science & Engineering and Information Technology)

Time : 3 hours   Max. Marks: 75
Answer any Five Questions
All Questions carry equal marks
*****

1   Explain the following are the various e-commerce consumer applications:
   a)   Delivery of products to customers   [8]

   b)   Consumer research and electronic commerce   [7]

2   Explain the following applications that illustrate the operational rule of
         evolution in very different areas
   a)   Personal finance and home banking management   [8]
   b)   Home shopping   [7]

3 a)   Explain the four properties that e-cash must have   [8]
   b)   Explain the seven factors, many nontechnical in nature, that must be addressed
        before any new payment method can be successful: [7]

4 a)   Explain various steps of EDI Transaction for a purchase ,shipment and
        payments   [8]
   b)   Explain the Financial EDI standards   [7]

5 a)   Explain the Element of Virtual Organization   [8]
   b)   Electronic Organizations and Brokerages   [7]

6 a)   Explain the capabilities: of structured documents and different standards used
        in structured documents   [8]
   b)   Explain the guidelines that each firm should follow for advertising on the
        Internet   [7]

7 a)   Explain the two types of indexing methods used by search engines and
        categories of indexing packages UNIX-based workstations   [9]
   b)   Explain Boolean Information Retrieval Model, Vector Space Information
        Retrieval Model and Probabilistic Information Retrieval Model   [6]

8 a)   Explain the following Multimedia Storage technologies
        i) Network-Based (Disk Arrays)   ii) Desktop -Based (CD-ROM).   [8]

   b)   Explain the characteristics CD-ROM technology and the process of
        organizing data into tracks, which may be digital audio or CD-ROM.: [7]

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IV B.Tech II Semester Regular Examinations, April/May - 2014
E- COMMERCE
(Common to Computer Science & Engineering and Information Technology)

Time : 3 hours   Max. Marks: 75

Answer any Five Questions
All Questions carry equal marks
*****

1	a)	Explain Various steps of Quick Response Retailing	[8]
	b)	Explain about Supply Chain Management (SCM)	[7]
2		Explain the following applications that illustrate the operational rule of evolution in very different areas	
	a)	Home entertainment	[8]
	b)	Micro transactions of Information	[7]
3	a)	Explain with diagram payment transaction sequence in e-checks	[8]
	b)	Explain the basic categories of credit card payment on on-line networks	[7]
4	a)	Explain the EDI Layered Architecture	[8]
	b)	Explain MIME Advantages and Disadvantages	[7]
5	a)	Explain the supply chain management characteristics in electronic commerce	[8]
	b)	Explain the primary models of supply chain management and their three primary elements	[7]
6	a)	Explain Digital Document Management: Issues and Concerns	[8]
	b)	Explain about different types of data warehouses.	[7]
7	a)	Explain about Electronic Commerce Catalogs or Directories	[8]
	b)	List the typical features of Information filtering process	[7]
8	a)	Explain the steps that are required for capturing and displaying multimedia objects	[8]
	b)	Explain the Compression methods of multimedia data	[7]

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Code No: **K0522**

R07

Set No. 1

IV B.Tech II Semester Supplementary Examinations, April/May - 2014
E- COMMERCE
(Computer Science and Engineering)

Time : 3 hours   Max. Marks: 80

Answer any Five Questions
All Questions carry equal marks
****

1 a) Explain the Generic Frame work of the E-Commerce.   [8]

   b) List and Briefly explain   E-Commerce applications.   [8]

2 a) Explain Merchantile's process using Digital Cash.   [8]

   b) Explain Merchantile's model from the Merchant's perceptive.   [8]

3 a)   Explain Banking and financial payments w.r.t Electronic funds transfer. [5]

   b)   Explain Retailing payments w.r.t Electronic funds transfer.   [5]

   c)   Explain On-line electronic commerce payments w.r.t Electronic funds transfer. [6]

4 a) Give different ways by which EDI tan reduce the time and cost.   [8]

   b) List the Advantages of EDI for international trade.   [8]

5   Explain the following major approaches are used to form virtual organizations:

   a) Downward approach   [8]

   b) Lateral approach   [8]

6 a) Explain the Digital Document Management: Issues and Concerns.   [8]

   b) Explain the capabilities provided by the structured documents.   [8]

7   Explain the following three different paradigms of information search and
       resource discovery:
   a) Information search and retrieval   [5]

   b) Electronic directories and catalogs   [5]

   c) Information filtering   [6]

8 a) Write Short Notes on Symmetric & Asymmetric Multiprocessing.   [8]

   b) Write Short Notes on Preemptive & Non Preemptive Multitasking.   [8]

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Code No: **K0522**   **R07**   Set No. 2

IV B.Tech II Semester Supplementary Examinations, April/May - 2014
E- COMMERCE
(Computer Science and Engineering)

Time : 3 hours   **Max. Marks: 80**

Answer any Five Questions
All Questions carry equal marks
*****

1   Explain the following are the various e-commerce consumer applications:

   a) Consumer applications and social interaction   [5]
   b) Needs of the customers   [5]
   c) Customers willingness to pay to satisfy their needs   [6]

2 a) Explain the business issues that must be addressed before consumer-oriented e-commerce can become widespread.   [8]
   b) Explain Merchantile's model from the consumer perceptive.   [8]

3 a) Explain the Four dimensions that are useful for handling electronic tokens.   [12]
   b) Give the reasons why Cash remains the dominant form of payment.   [4]

4 a) Explain the internals of EDI for international trade.   [8]

   b) Explain EDI process using Value-Added Networks (VAN).   [8]

5 a) Explain the problems with Vertical Organization.   [8]
   b) Explain the Horizontal Organizational Structure.   [8]

6   Elaborate about the four different types of Digital documents.   [16]

7 a) Explain about End-user Retrieval Phase and Publisher Indexing Phase. [8]
   b) Explain about Wide Area Information Service (WAIS) Engine.   [8]

8 a) Explain in detail about the categories of codec schemes.   [10]
   b) List the factors have made desktop video conferencing a viable solution for business and personal communications today.   [6]

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Code No: **K0522**

R07

IV B.Tech II Semester Supplementary Examinations, April/May - 2014
E- COMMERCE
(Computer Science and Engineering)

Time : 3 hours   **Max. Marks: 80**
Answer any Five Questions
All Questions carry equal marks
*****

1   Explain the following are the various e-commerce consumer applications:

   a)   Delivery of products to customers   [8]

   b)   Consumer research and electronic commerce   [8]

2   Explain the following applications that illustrate the operational rule of
        evolution in very different areas.
   a)   Personal finance and home banking management.   [8]
   b)   Home shopping.   [8]

3 a)   Explain the four properties that e-cash must have.   [8]
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        before any new payment method can be successful: [8]

4 a)   Explain various steps of EDI Transaction for a purchase, shipment and
        payments .   [8]
   b)   Explain the Financial EDI standards.   [8]

5 a)   Explain the Element of Virtual Organization.   [8]
   b)   Electronic Organizations and Brokerages.   [8]

6 a)   Explain the capabilities: of structured documents and different standards used
        in structured documents.   [8]
   b)   Explain the guidelines that each firm should follow for advertising on the
        Internet .   [8]

7 a)   Explain the two types of indexing methods used by search engines and
        categories of indexing packages UNIX-based workstations.   [9]
   b)   Explain Boolean Information Retrieval Model, Vector Space Information
        Retrieval Model and Probabilistic Information Retrieval Model.   [7]

8 a)   Explain the following Multimedia Storage technologies.
        i) Network-Based (Disk Arrays)   ii) Desktop -Based (CD-ROM).   [8]

   b)   Explain the characteristics CD-ROM technology and the process of
        organizing data into tracks, which may be digital audio or CD-ROM.: [8]

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R07

IV B.Tech II Semester Supplementary Examinations, April/May - 2014
E- COMMERCE
(Computer Science and Engineering)

Time : 3 hours   **Max. Marks: 80**

Answer any Five Questions
All Questions carry equal marks
*****

1 a) Explain Various steps of Quick Response Retailing.   [8]

   b) Explain about Supply Chain Management (SCM).   [8]

2   Explain the following applications that illustrate the operational rule of
       evolution in very different areas.

   a) Home entertainment   [8]

   b) Micro transactions of Information   [8]

3 a) Explain with diagram payment transaction sequence in e-checks.   [8]

   b) Explain the basic categories of credit card payment on on-line networks. [8]

4 a) Explain the EDI Layered Architecture.   [8]

   b) Explain MIME Advantages and Disadvantages.   [8]

5 a) Explain the supply chain management characteristics in electronic commerce. [8]

   b) Explain the primary models of supply chain management and their three
       primary elements.   [8]

6 a) Explain Digital Document Management: Issues and Concerns.   [8]

   b) Explain about different types of data warehouses.   [8]

7 a) Explain about Electronic Commerce Catalogs or Directories.   [8]

   b) List the typical features of Information filtering process.   [8]

8 a)   Explain the steps that are required for capturing and displaying multimedia
        objects.   [8]

   b) Explain the Compression methods of multimedia data.   [8]

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