Assignment

Bachelor in Computer Application (BCA)

2011-2012

SUBJECT CODE: BCA-01
COURSE CODE: BCA-01

SUBJECT TITLE: FOUNDATION COURSE IN ENGLISH FOR

COMPUTING READING, WEITING, LISTENING

AND SPEAKING SKILLS

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

Attempt all questions -

- 1. How according to Nehru was India's foreign policy determined? What were its main objectives?
- 2. Educated parents can bring up their children much better than uneducated parents. Write your views.
- 3. How is IBM PC AT more powerful than IBM 1401?

6

SECTION - B

MAXIMUM MARKS :12

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

Attempts all questions –

4. What is a topic sentence? Explain

- 2
- 5. What special arrangements are acquired for the installation of main frame composition?
- 6. In what ways, the steam power declared the triumph of Industry and glory of man?
- 7. What according to Sir Ronald Ross was the source of Malaria? 2
- 8. Why was lister, like all surgeons in all countries, worried about the fact that a compound fracture never did well?
- 9. What makes a gap between read / write head a disc surface when the disc drive is roating?

Assignment

Bachelor in Computer Application (BCA) 2011-2012

SUBJECT CODE: BCA-02

SUBJECT TITLE: COMPUTER FUNDAMENTAL & PC SOFTWARE

COURSE CODE: BCA-02

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

Attempt all questions -

- 1. What is computer? Discuss different types of computer in detailed. 6
- 2. What is memory system? Discuss characteristics of various memory devices.
- 3. What is programming Language Discuss different category of languages in detailed?

SECTION - B

MAXIMUM MARKS :12

2

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

- 4. Differentiate between parallel processes of vector pipe line processing 2
- 5. What is Software? Categorize the software.
- 6. What is operating system? Why it is impartment? 2
- 7. What are different ways of Data Communications? 2
- 8. What are topology to connect are computer in A LAN.
- 9. How you can put a passward in windows XP operating system?

Assignment

Bachelor in Computer Application (BCA)

2011-2012

SUBJECT CODE: BCA-03 SUBJECT TITLE: P.C. SOFTWARE APPLICATION SKILLS **COURSE CODE: BCA-03** अधिकतम अंक : 30 MAXIMUM MARKS: 30 Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

1. Explain in detail all the option on menu bar and tool bar of internet explorer? 2. Create an Excel Spreadsheet for your marksheet 10 + 2 + 3 Examination. 6 3. Compare and contrast internet Explorer with netscape navigator. 6

SECTION - B

MAXIMUM MARKS:12

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

4. Explain with Example how chart are used in analysis. 2 5. List the different type of chart are used in MS-Excell. 2 6. 2 For any prime P > = 5, prove that $P^2 + 2$ is composite. 7. Prove that 3x + 7y and 9x + 4y are divisable by 17 for the same set of entegral value of x and y. 2 8. 2 What is Gopher. 9. List the application of FTP. 2

Assignment

Bachelor in Computer Application (BCA)

2011-2012

Subject: Fundamental Course in Mathematics Subject Code: BCA-04

in using

Subject Title: Fundamental in Mathamatics in using. Course Code: BCA-04

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

1. State and prove Leibnitz Theorem. 6

2. Evaluate: $\int_0^{\pi/2} \log 5 yx \, dx$

3. Evaluate $\iint xy \, dx \, dy$ taken over the positive quadrant bounded by

$$\frac{x}{a} + \frac{y}{b} = 1$$

SECTION - B

MAXIMUM MARKS:12

2

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

4. Evaluate: $\int \sqrt{(x^2 + x - 1)} dx$

5. Use Gauss Elimination method to slve the following system of equations. 2

$$2x + y + z = 10$$

 $3x + 2Y + 32 = 18$
 $x + 4y + 92 = 16$

6. Trace the curve

 $y = (x^2 - x - 6)(x - 7)$

- 7. Find the equation of the parabola whose focus is (-3,2) and the direction is x + y = 4.
- 8. Find the nth derivative of log (ax + b) 2
- 9. If $\ln = \int_0^{\pi/2} \sin^{-n} x \, dx$ show that $\ln = \frac{n-1}{n}$ In-2. Hence evaluate $\int_0^{\pi/2} \cos^{-2} x \, dx$ 2

Assignment

Bachelor in Computer Application (BCA)

2011-2012

SUBJECT TITLE: 'C' PROGRAMMING & DATA STRUCTURE COUR

SUBJECT CODE: BCA-05 COURSE CODE: BCA-05

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS :18

- Define a Stack? Write any two application of Stack. Explain it in detail.
 Write and explain Algorithm for stack operations.
- Discuss the application and types of Queues. Write the Algoritham and C
 programe for Addition and Deletion of an element from Queues.
- 3. What is Binary Prce? How it is different from genreat Tree? Explain and write Binary Tree Traversal algorithm.

SECTION - B

MAXIMUM MARKS:12

2

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

- Explain the application of Tree in detail.
 What is Bucket Sort? Explain with suitable example.
 Describe the Radix Sort with suitable example.
 Discuss the Concept of Multiway Search Tree.
 Write the advantage and disadvantage of linked list
 - DC4 o

List the types and operation of data steucture.

Assignment

Bachelor in Computer Application (BCA)

2011-2012

SUBJECT CODE: BCA-06
COURSE CODE: BCA-06

SUBJECT TITLE: INTRODUCTION TO SYSTEM SOFTWARE

PROG. CONCEPT & SOFTWARE TOOLS.

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

- 1. (a) Differentiate between Assembler, Complier and Interpreter. What are the functions of linker and loader.

 3+3
 - (b) What is programming language. Explain the various categories of programming language.
- (a) What is an operation system. Explain the types of operating system. Also differentiate between network operating system and distributed operating system.
 - (b) What is a press? How the inter process communication is done between is done between process.
- 3. (a) Differentiate between multiprogramming with fixed partitions and dynamic partitions. 3+3
 - (b) Write the systax for the following in 'vi' editor:
 - (i) Copy and paste of 'n' lines
 - (ii) searching a pattern in a file

SECTION - B

MAXIMUM MARKS:12

- Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.
- 4. (a) Explain UNIX system architecture. What do you mean by i-nodes. 1+1
 - (b) Explain different file accessing modes in UINX and also explain meaning of owner group.
- 5. Explain various disk scheduling methods.

6. Write a shell script program. which will perform the following actions in the current directory:

(i) Looking for immediate subdirectories containing all txt. files.
(ii) Collect the names & relative paths of these directories.

7. Explain the terms swapping and thrashing.

What is a semaphore? Also explain the use of wait and signal operations of a semaphore.
Explain the following unix commands:

BCA-06

(a) cp (b) chgrp (c) more (d) dift (e) uname

Assignment

Bachelor in Computer Application (BCA) 2011-2012

SUBJECT: ELEMENTS OF SA & D SUBJECT CODE: BCA-07
SUBJECT TITLE: ELEMENTS OF SYSTEM ANALYSIS AND DESIGN COURSE CODE: BCA-07

अधिकतम अंक : 30 MAXIMUM MARKS : 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Attempt all Section

Section -A

MAXIMUM MARKS:18

- 1. What is the basic difference between "System approach" and System analysis? What are the activities which complete the System development life cycle?
- 2. How to define cost-benefit analysis? Give a good definition of cost benefit analysis. Name different types of costs and benefits.
- 3. Explain the objectives of input design? List out various input devices for feeding the raw data into the system. List out the various methods commonly used for input verification and control.

SECTION - B

MAXIMUM MARKS :12

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

Short Answer Questiona.

2 4. Describe "Benchmark Testing"? 5. Explain briefly the different levels of quality assurance? 2 6. What do you mean by HIPO diagram? Explain brefly? 2 7. What is the criteria for vendor's selection? 2 8. Define "System Specificatins" briefly. 2 9. What do you know about "Prototype Design"? 2

Assignment

Bachelor in Computer Application (BCA) 2011-2012

SUBJECT: SUBJECT CODE: BCA-08
SUBJECT TITLE: INTRODUCTION TO DBMS
COURSE CODE: BCA-08

अधिकतम अंक : 30 MAXIMUM MARKS : 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Attempt all Section

Section -A

MAXIMUM MARKS:18

- 1. What is Relational Calculas? How is differ from relational algebra?

 Discuss the basic operation of Relational algebra.
- 2. What is Normalization? How it play a major role in designing of RDBMS?
- 3. What do you mean by distributed Database. Discuss the basic prototypes of distributed data base management system.

SECTION - B

MAXIMUM MARKS :12

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

Short Answer Questiona.

- List the component of object oriented database.
 List the application of data mining.
 What is two phase locking?
 Define the term query execution plane.
- 8. What are six phase of data base design?
- 9. Define the closer set of functional dependency with suitable example. 2

Assignment

Bachelor in Computer Application (BCA)

2011-2012

2

SUBJECT CODE: BCA-09 SUBJECT: SUBJECT TITLE: INTRODUCTION TO COMPUTER ORGANIZATION COURSE CODE: BCA-09 अधिकतम अंक: 30 MAXIMUM MARKS: 30 Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks. Attempt all Section Section -A MAXIMUM MARKS:18 1. (a) What do you understand by data representation. Explain Won Neumann Architecture in detail? (b) What is memory? Explain Auxiliary memory and Associative memory in detail? 2. (a) Explain basic structure of the CPU and function of CPU in detail. 6 (b) What do you mean by ALU? Explain control unit and Hard wired control unit. 3. (a) Explain the following: 6 (i) What is differenc between the micro controlar and microprocessor. (ii) Write a assembly language program to add, substruct, multiply and dividison of any two numbers. SECTION – B MAXIMUM MARKS:12 Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks. 4. 2 What do you mean by memory Hierarchy? 5. What is difference between sequential circuit and combination circuit? 6. Explain the architecture of microprocessor in detail. 2 7. Explain interrupt and subroutine in detail. 2 8. 2 What are the advantage of Motorola 68000 microprocessor.

Explain address and instruction format of 8086 microprocessor.

Assignment

Bachelor in Computer Application (BCA) 2011-2012

SUBJECT: WINDOW PROGRAMMING SUBJECT CODE: BCA-10
SUBJECT TITLE: WINDOWS PROGRAMMING COURSE CODE: BCA-10

अधिकतम अंक : 30 MAXIMUM MARKS : 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Attempt all Section

Section -A

MAXIMUM MARKS:18

- 1. What is a form? Explain all form tools with example?
- 2. How creating a Database? and also explain how visual basic permits the users to attach tables with data base applications.
- 3. Describe the various data types permitted in visual basic 6.0 with examples?

SECTION - B

MAXIMUM MARKS:12

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

- 4. What are variables in visual Basic. 6.0?
- 5. What are functions? 2
- 6. What is Data control? 2
- 7. What is basic properties of OLE?
- 8. Write short note on windows API.
- 9. Describe about the RAD. 2

Assignment 2011-2012 **Bachelor** in Computer Application (BCA) SUBJECT: **SUBJECT CODE: BCA-11 MULTIMEDIA** SUBJECT TITLE: MULTIMEDIA **COURSE CODE: BCA-11** अधिकतम अंक : 30 MAXIMUM MARKS: 30 Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks. Attempt all Section Section -A MAXIMUM MARKS:18 1. Which multimedia software is best suited for synchronizing sound tracks with video tracks? 6 2. List of legal issues related to copy right in multimedia application. 3. What are the various components of multimedia in computer and how to create them? 6 SECTION - B MAXIMUM MARKS:12 Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks. 4. Explain any one-business application. 2 5. What are multimedia development tools What is Quick Time? 2 6.

BCA-11

2

2

2

Describe the application areas for multimedia?

What are the various components of Hypertext?

Write short notes on Browsers.

7.

8.

Assignment

Bachelor in Computer Application (BCA)

2011-2012

SUBJECT: SUBJECT CODE: BCA-12
SUBJECT TITLE: RDBMS COURSE CODE: BCA-12

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

- 1. What is Relational Database Management System? Describe the various terms used in RDMBS.
- 2. What do you understand normalization of RDBMS? Discuss the different types of normalization forms with help of suitable examples. 6
- 3. Design the database used for "Library Management System" that will make accessing books and author details in a library easier and more efficient.

SECTION - B

MAXIMUM MARKS:12

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

4. Describe the data consistency in brief.

- 2
- 5. What do you understand by E-R, Diagram? Explain the various symbols used in it.
- 6. What are the roles of MS-Access in constructing the database? Discuss the other functions of MS-Access in brief.
- 7. Explain the various steps of design database.

2

8. Describe the following:

2

- (a) Redumdancy
- (b) SQL
- 9. Write the steps to create reports :

2

Assignment **Bachelor** in Computer Application (BCA) 2011-2012 SUBJECT: **SUBJECT CODE: BCA-13** SUBJECT TITLE: COMPUTER NETWOEK **COURSE CODE: BCA-13** अधिकतम अंक : 30 MAXIMUM MARKS: 30 Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks. Section -AMAXIMUM MARKS:18 1. What do you mean by Congestion? What are the method to control congession? Explain them. 2. Explain TCP/IP model and compare it with OSI model. 6 3. Discuss the Similarities and differences between a Session and Transport Connection. SECTION – B MAXIMUM MARKS :12 Answer all questions. Question No. 4 to 9 are short answer questions. Note: Answers should be given in 200 to 300 words. Each question carry 2 marks. 4. What is LAN? List the various LAN components? 2 5. What do you mean by ALOHA? 6. What do you understand Network address? How it is different from IP

List the various devives of Computer network.

What is Hamming Code? Explain its importance with suitable example. 2

2

2

address.

What is HDLC.

7.

8.

Assignment

2011-2012 **Bachelor** in Computer Application (BCA)

SUBJECT: **SUBJECT CODE: BCA-14** SUBJECT TITLE: TCP/IP Fundamental **COURSE CODE: BCA-14**

> अधिकतम अंक: 30 MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

Long Answer Questions

- What is TCP/IP Stack? Explain and what is difference between TCP and 1. UDP? also describe the Ethernet frame format?
- 2. What is IP address format? Elaborate IP Subnet addressing and what are different type IP address components? define its classes also.
- 3. Describe recursion resolution in terms of DNS. and also describe the DNS message format, Explain the various class formats of IP address.

SECTION - B

MAXIMUM MARKS :12

Answer all questions. Question No. 4 to 9 are short answer questions. Note: Answers should be given in 200 to 300 words. Each question carry 2 marks.

Short answer questions

4.	What are the various flags in IP header?	2
5.	Define UDP?	2
6.	Explain features of TCP?	2
7.	What is IP Routing?	2
8.	What are the IP subnet addressing?	2
9.	Define subnet mask.	2

Assignment

Bachelor in Computer Application (BCA)

2011-2012

SUBJECT: SUBJECT CODE: BCA-15 SUBJECT TITLE: OPERATING SYSTEM **COURSE CODE: BCA-15**

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

Long Answer Questions

- 1. Define process scheduling. What is the role of the schedule? List all the schedulers available along with their working principles.
- 2. What is process? How does it differ from a program? How is it represented in an operating system? Explain the various process states using a state transition diagram. 6
- 3. Define and explain the following using appropriate examples: 6
 - a) Deadlock prevention b) Deadlock avoidance

SECTION – B

MAXIMUM MARKS :12

Answer all questions. Question No. 4 to 9 are short answer questions. Note: Answers should be given in 200 to 300 words. Each question carry 2 marks.

Short answer questions

- What is the difference between non-preemptive and preemptive scheduling?
- 5. Discuss the common performance measures and optimization criteria that schedulers may use in attempting to maximize system performance.
- 6. What is paging? Explain the principle of its operation with the help of a 2 diagram.
- 7. Explain the following:

2

2

- i) Disk controller ii) Access lists
- 8. Explain the properties and characteristics of semaphores.
- 9. Explain the difference between static and dynamic partitioned memory allocation in terms of principles of operation, relocation, compaction, protection and sharing.

Assignment 2011-2012 **Bachelor** in Computer Application (BCA) SUBJECT: **SUBJECT CODE: BCA-17** SUBJECT TITLE: C++ AND OBJECT ORIENTED PROGRAMMING **COURSE CODE: BCA-17** अधिकतम अंक: 30 MAXIMUM MARKS: 30 Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks. Section -AMAXIMUM MARKS:18 **Long Answer Questions** 1. What is object oriented programming? and what are object oriented tools? What are the three most important advantages of OOP? 2. What is the need of inheritance? and what is abstraction in the Context of object oriented programming? 3. What is operator overloading? Is it different from Polymorshism? 6 SECTION - B MAXIMUM MARKS:12 Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks. Short answer questions 4. What is dynamic typing? 2 5. 2 What is object oriented Analysis and Design? 6. 2 Write a macro to define a max function for two variable. 7. 2 Write a program for the implementation of stack using classes. 8. What is overloading of functions? How does compiler resolve which of

2

2

the overloaded function has been called?

Write a program to implement function overloading?

Assignment

Bachelor in Computer Application (BCA)

2011-2012

SUBJECT: SUBJECT CODE: BCA-18
SUBJECT TITLE: THEORY OF COMPUTERS COURSE CODE: BCA-18

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

- 1. (a) What is a PDA? Explain how PDA are represented of transaction diagram.
 - (b) Conbstruct a PDA for the grammer.

 $S \rightarrow aA$

 $A \rightarrow aABD \mid bB \mid a$

 $B \rightarrow b$

 $D \rightarrow d$

- 2. What is a moore machine? How it is different from DFA and mealy machine respectively. Explain it with suitable example.
- 3. What do mean by regular languages? prove that regular languages are closed under union, concatenation and Kleene closure.

SECTION - B

MAXIMUM MARKS:12

2

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

- 4. Find the language for the regular expressions given below:
 - (i) $R = a^* (a * b)$
 - (ii) R = (a+b) * (a+bb)
- 5. Design a DFA that accepts set of all strings that contains 0 or 1 and end is 00.
- 6. Design an NFA to accept all the string over the alphabet {a,b} ending in aba.

7. Obtain the left most and the right most derivatives and parse tree for the grammer whose production rule are : 2 $E \rightarrow E + E$

 $E \rightarrow E + E$ $E \rightarrow E * E$ $E \rightarrow id$

given string for derivation as w = id + id * id.

- 8. What is Chomsky normal form? How it is different from Greibach normal from?
- 9. What are the Role of Turing machine. 2

Assignment

Bachelor in Computer Application (BCA) 2011-2012

SUBJECT: SUBJECT CODE: BCA-19

SUBJECT TITLE: INTRODUCTION TO SOFTWARE ENGINEERING COURSE CODE: BCA-19

अधिकतम अंक : 30

MAXIMUM MARKS: 30

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

- 1. What is Risk Management and What will risk management do for my business? How does software risk management related to Software process improvement?
- 2. Define Software Development life cycle (SDLC). What is spiral model? List the advantage and disadvantage of waterfall model.
- 3. What is Software Testing? What are the various characteristics of a good testakle software?

SECTION - B

MAXIMUM MARKS:12

2

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

Short answer questions

- 4. What is Cohesion? What are the different types of Cohesion?
- 5. What is the data dictionary? Give the formulae of a data dictionary. 2
- 6. What is (SQA)? What are the component of Software Quality Assurance (SQA).
- 7. What are the different testing levels?
- 8. What is modular programming? What are the advantage and disadvantage of structured programming? 2
- 9. What is the difference between the verification and validation process? 2

Assignment

Bachelor in Computer Application (BCA)

SUBJECT: SUBJECT CODE: BCA-20
SUBJECT TITLE: INTERNET ADMINISTRATION COURSE CODE: BCA-20

अधिकतम अंक : 30 MAXIMUM MARKS : 30

2011-2012

Note: Answer all questions. Question No. 1 to 3 are long answer questions. Answers should be given in 800 to 1000 words. Each question carry 6 marks.

Section -A

MAXIMUM MARKS:18

Long Answer Questions

- 1. Explain OSI Reference model and TCP/IP Reference model in detail. 6
- 2. What do you mean by Network address translator (NAT)? Explain with suitable diagram.
- 3. What do you mean by Intranet Authoring tools? Explain atleast four graphical tools for creating amination.

SECTION - B

MAXIMUM MARKS:12

Note: Answer all questions. Question No. 4 to 9 are short answer questions. Answers should be given in 200 to 300 words. Each question carry 2 marks.

Short answer questions

- 4. Explain file transfer protocol (FTP) and Telent in detail.
- 5. What do you mean by General Pachet Radio Service (GPRS) 2
- 6. Explain different serucity threats in detail. 2
- 7. Explain Intranet. How Intranet works?
- 8. What do you mean by IP address? Explain different types of IP address. 2
- 9. What is Wireless Application Protocol (WAP). Also Explain WAP Gateway function.