

PROGRAMME : MCA 5th Semester
SEMESTER : 5th Semester
SUBJECT CODE : MCA 021
SUBJECT TITLE : Internet Programming using c#
MAX MARKS : 15

- 1) What is Web-browser ? how are they useful?
 - 2) What do you mean by a shell account ? Who uses it ?
 - 3) What is TCP/IP ? How is IP addressing done ?
- i) What do you mean by a Web form ? Discuss the components and application of Web forms .
 - ii) Discuss briefly an overview of NET platform .
 - iii) Explain briefly the following features of C#
 - 1) Garbage collection
 - 2) Type safety
 - 3) Code trust Mechanism

SUBJECT CODE : MCA 022
SUBJECT TITLE : Software Testing

- Q1) What do you mean by software testing ? Discuss the main objective of software testing.
- Q2) What do you understand by software quality assurance ? Discuss its objective and goals.
- Q3) Compare ISO 9000 and SEI-CMM quality models.
- Q4) a) Black Box testing and White Box testing. b) Verification and Validation
- Q5) What is meant by FTR ? How do they help in achieving SQA standard?

Q6) What do you mean by fault-based testing ? Illustrate its purpose and discuss how it is performed?

SUBJECT CODE : MCA 023
SUBJECT TITLE : Windows Programming

- 1) Differentiate between Operating System and API. Differentiate between Win 16 API and Win32API .
- 2) How many parameters are passed to WinMain() ? Explain with e.g.
- 3) Short notes-
 - a) Dynamic Link Libraries (DLL)
 - b) Hungarian Notation
 - c) Static Control
 - d) Edit Control
- 4) Write a program to generate a popup menu at the position when the right button of mouse is clicked .
- 5) What is a dialog box? How can you create it using resource editor ? How can you get a bitmap in the dialog box ?
- 6) Give an overview of list box, combo box, button controls and explain how can you create & destroy button dynamically during execution .

SUBJECT CODE : MCA 024
SUBJECT TITLE : IT. Management

- 1) State the main characteristics of managerial planning . How does I.T. overcome the limitations of planning .
- 2) What is I.T. management ? Point out special issues of the same.
- 3) Discuss various steps in the process of designing an organization structure .

4) Discuss the interaction between R&D and Engineering activities briefly .

5) Define Staffing. Explain its Sequential steps briefly.

6) Short Notes -

a) Production Management

b) Role of I.T. in Management c) Personnel Management