Pokhara University Service Commission
Curriculum for Assistant Instructor Computer Level Examination

Time: 4hr   Full marks: 75

1. Introduction to Computer   15
   a. Introduction to Computers
   b. The Internet & the World Wide Web
   c. The Components of the System Unit
      1. Input
      2. Output
      3. Storage
   d. Operating Systems & Utility Programs

2. Operating Systems   15
   a. Exploring the Basics
   b. Working with Files
   c. Organizing Files with Windows Explorer
   d. Personalizing your Windows Environment
   e. Searching for Information
   f. Working with Graphics
   g. Object Linking and Embedding
   h. Exploring your Network
   i. Managing Windows XP
   j. Working with Hardware

3. An Introduction to Information   15
   a. Introduction to Computer Based Information Systems
   b. Hardware: Input, Processing, Output and Storage Devices
   c. Software: Systems and Applications Packages
   d. Word Processing and Spreadsheet Applications
   e. Databases
   f. Graphics, On-line Information and other PC Applications
   g. Business Information Systems
   h. Security, Privacy, Environmental and Ethical Issues

1. Introduction to the Internet   15
   a. Developing a Basic Web Page and Linkins
   b. Designing a Web Page
   c. Designing a Web Page with Tables & Frames
   d. Creating Web Page Forms
   e. Working with Cascading Style Sheets
   f. Programming with JavaScript
   g. Working with JavaScript Objects & Events
   h. Creating a Multimedia Web Page

2. C Language Programming   15
   a. C Fundamentals
   b. Introduction C's Program Control Statements
   c. A Closer Look at Data Types, Variables and Expressions
   d. Exploring Arrays & Strings
   e. A Closer Look at Functions