Final Practical Project Work Questions

BIM: 1st Semester- IT 231: Foundation of Information Technology

Time: 1 Weeks   FM: 40   PM: 20

1. Answer Questions (Computer Hardware, Software and Networking Components)
2. Practical Lab Work Questions:
   (DOS & Windows OS, Word Processor, Spreadsheets, DBMS, Presentations / Internet

Answer Questions:

Computer Hardware, Software and Networking Components

1. Explain the different components of a computer with its logical diagram.
2. Explain the different input and output devices used in computer in detail with figures.
3. What are different networking device. Explain with figures.
4. Explain the types of transmission media with clear figures.
5. Explain the different network topologies with their clear diagram.
6. Explain the different types of software in details.
7. What are the functions of operating system? Explain.
8. Explain about Network Security in detail.

Practical Lab Work Questions:

(DOS & Windows OS, Word Processor, Spreadsheets, DBMS, Presentations / Internet

1. **DOS & Windows OS**
   a. What are the internal and external commands? Explain with an example.
   b. Create the file name country.txt having content as follows and save the file in C drive My Nepal, My pride-

2. Word Processor
   a. Create your detailed resume (bio-data) using and without using a template. It should also contain your picture.
   b. Prepare a 2-Months calendar using table.

3. Spreadsheets
   a. Prepare Sales bill with calculate the total, net total, discount, tax and grand total.
   b. Prepare a Mark Ledger Sheet (total, percent, result, division/grade & remarks) Table of any School / College.

4. DBMS
   a. Create a database named "employee.mdb" and perform the following tasks:
      i. Create a table employee using both design view with attribute employee's name, address, Date of birth, Salary and contact number.
      ii. Insert five records in table.
      iii. Create a form, and insert 5 more records.
      iv. Create report to display records from the table employee.

5. Presentations / Internet
   a. Prepare at least five slides using the design templates and common formatting tools to present the generation of computer.
   b. Write down and show the screen shots of every steps of creating new e-mail account, sending e-mail with attachment and receiving e-mail.