EASTERN UNIVERSITY, SRI LANKA
EXTERNAL DEGREE IN SCIENCE
FIRST EXAMINATION IN SCIENCE 2002/03
FIRST SEMESTER (June/July, 2004)
EXCC 152 Practical Work on EXCC 101

Answer all Questions

Time allowed: 03 hours

Q1.

(a) Create two folders called "**EXSC1**" and "**EXSC2**" in your floppy diskette.

(b) Search the Word document files (size below 100KB) on your Computer hard disk. Copy two searched files into the folder "**EXSC1**".

(c) Rename these files as "**AA**" and "**BB**".

(d) Create an "**Internet explorer**" shortcut in your floppy diskette.

(e) Create a backup file name "**Backup1.bkf**" in the folder **EXSC1** from the path "**A:\EXSC1\AA.DOC**"

(f) Zip a file name "**Zip1.Zip**" in the folder "**EXSC2**" from the path "**A:\EXSC1\BB.DOC**"

(g) Type the steps in Note pad for how to add **Ms-Word** in the **Start menu**.

Q2.

Create the following document in Ms-Word and Save as "*Question02*" in your diskette.

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WELCOME

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Q3.

Type the following in the Excel work sheet.

Full Name	ID	Salary	Birth Place	NIC No	Bonus	Net salary
Mr.Raja Rahavan	D101	Rs15,000	Colombo	753500881V		
Miss.Kamala Mahendran	D102	Rs10,000	Vavuniya	736758092V		
Miss.Shangee Rithik	D103	Rs25,000	Batticaloa	796150258V		
Mr.Kajendran Visuva	D104	Rs18,000	Colombo	704150448V		
Mr.Ravi Vinayakam	D105	Rs17,000	Vavuniya	683160590V		
Mrs.Kumari Kalyan	D106	Rs21,000	Batticaloa	657400658V		

Make the column **"Full Name"** wide enough to show all the text.

(a) Insert the column **"Name with Initials"** between **"Full Name"** and **"ID"**. Fill it like as Mr.R.Rahavan (By using suitable functions).

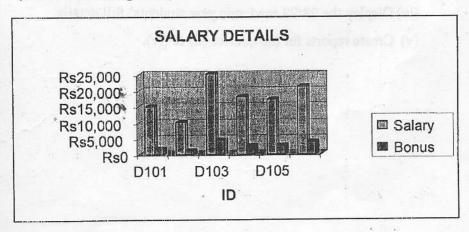(b) Insert the column **"Sex"** between **"NIC No"** and **"Bonus"**.
Fill the column **"Sex"**
(Hint: take 3 digit number starting from the third position in NIC No. and then compare with 500. If it is greater than 500, then sex is Female otherwise Male)

(c) Fill the column **"Bonus"** according to the following table:

Salary	Bonus
less than Rs.10000	10% in Salary
Rs. 10000 to Rs.14999	12% in Salary
Rs.15000 to Rs. 20000	15% in Salary
greater than Rs.20000	18% in Salary

(d) Calculate **Net Salary**, where Net Salary = Salary + Bonus .

(e) Display the details of all females whose Birth place is **"Batticaloa"**.

(f) Create the column chart **ID Vs Salary & Bonus**.
(like the following chart)

SALARY DETAILS

Q4.

Create a database, called **University**, with the following table.

Table Name: **Students**
Fields: Student Registration number (primary key)
Student Name
Annual Income (Annual Family Income)
Faculty
Academic Year
HelpType -

Faculty field can contain Science, Arts, Commerce and Agriculture only.
Academic Year field can contain 97/98, 98/99, 99/00, 00/01, ...
HelpType field can contain 'M' for Mahapola, 'B' for Bursary and 'N' for nothing.

(a). Create a form to enter data for the **Students** table.

(b). Enter 5 appropriate records.

(b). Create queries for the followings:

    (i) Display full details of all students.

    (ii) Display student ID, student name and faculty of all students who are from faculty of Science.

    (iii) Display student name and faculty of all students whose academic year is 00/01 and who get mahapola.

    (iv) Display the 98/99 academic year students' full details.

    (v) Create reports for the queries (ii) & (iv).