

EASTERN UNIVERSITY, SRI LANKA

DEPARTMENT OF MATHEMATICS

EXTERNAL DEGREE EXAMINATION IN SCIENCE –2008/2009

FIRST YEAR FIRST SEMESTER (July, /Aug, 2010)

EXTCC 152 – INTRODUCTION TO APPLICATION SOFTWARE

(PRACTICAL)

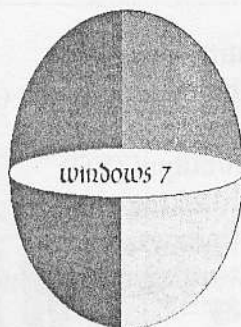
(PROPER & REPEAT)

Answer all questions

Time allowed: 02 hours

01)

- a. Create folders called "Your Index Number\SOFTWARE" in "My Document"
- b. Create two sub folders called "SYSTEM SOFTWARE" and "APPLICATION SOFTWARE" in the folder "SOFTWARE".
- c. Copy 4 *text* files from the hard disk to the folder "APPLICATION SOFTWARE". (Each file must be less than 80 kb).
- d. Rename the four copied files as "office2010.txt", "Photoshop CS5.txt", "ACCPCC.txt" and "Methmatica.txt"
- e. Create sub folder called "WINDOWS 7" in the folder "SYSTEM SOFTWARE".
- f. Create a following picture using the *ms paint* software. (Save this picture as "win7.jpg" in the folder "WINDOWS 7".



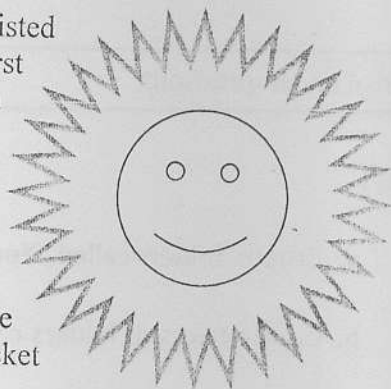
- g. Compress/Zip the folder "SYSTEM SOFTWARE" and name it as "sys.zip" in the folder "APPLICATION SOFTWARE".
- h. Hide the file "Methmatica.txt".

02) By using "Ms Word 2003" creates a document as shown below and save it as "My document\ Your Index Number \ SOFTWARE \word.doc"

## COMPUTER

A **computer** is a programmable machine that receives input, stores and manipulates data, and provides output in a useful format.

Although mechanical examples of computers have existed through much of recorded human history, the first electronic computers were developed in the mid-20th century (1940–1945). These were the size of a large room, consuming as much power as several hundred modern personal computers (PCs). Modern computers based on integrated circuits are millions to billions of times more capable than the early machines, and occupy a fraction of the space. Simple computers are small enough to fit into small pocket devices, and can be powered by a small battery.

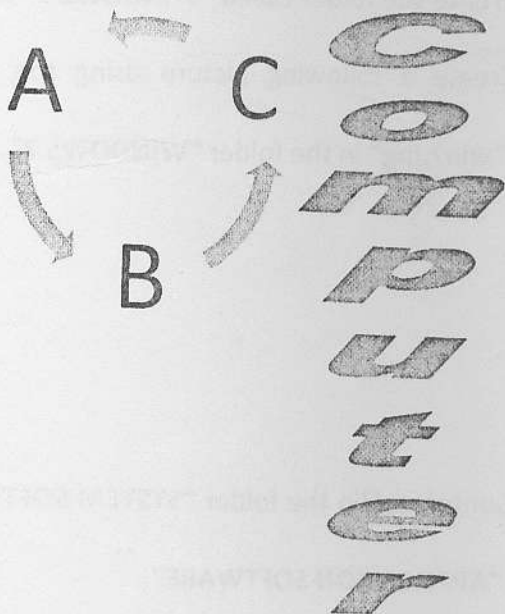


**P**ersonal computers in their various forms are icons of the Information Age and are what most

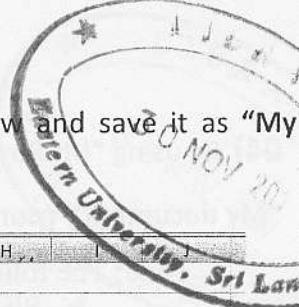
people think of as "computers". However, the embedded computers found in many devices from MP3 players to fighter aircraft and from toys to industrial robots are the numerous

$$\int_{\alpha}^{\beta} m \left( P - \frac{RT}{V_m} \right) dv_m = \int_{\alpha}^{\theta} RT \left[ \left( \frac{1}{V_m} + \frac{4b}{(V_m - b)^2} + \frac{2b^3}{(V_m - b^3)} \right) \right] - \frac{a}{V_m^2} dv_m$$

1. History of computing
2. Stored program architecture
  - a. Programs
  - b. Example
3. Function
  - a. Control unit
  - b. Arithmetic/logic unit (ALU)
  - c. Memory
  - d. Input/output (I/O)
  - e. Multitasking
  - f. Multiprocessing
  - g. Networking and the Internet
4. Further topics
  - a. Hardware
  - b. Software
  - c. Programming languages



03) By using "Ms Excel 2003" creates a workbook as shown below and save it as "My document\ Your Index Number \ SOFTWARE \excel.xls"

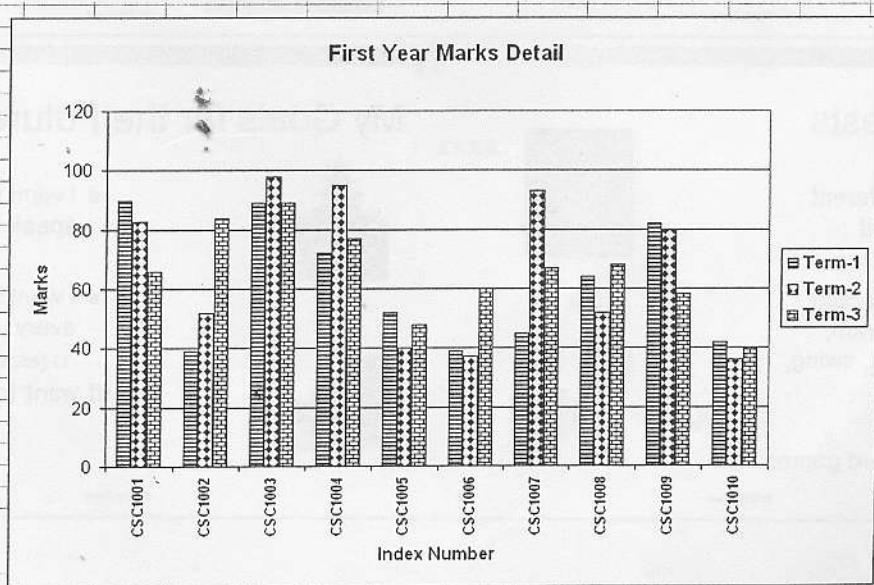


ABC Institute									
1st Year Exam Results - 2009									
Index No	Full Name	Name with Initial	Achievement			Total	Average	Rank	Grade
			Term-1	Term-2	Term-3				
CSC1001	Ramana Priya		90	83	66				
CSC1002	Jegan Kandasamy		39	52	84				
CSC1003	Keethan Ratha		89	98	89				
CSC1004	Karuna Jeyakumar		72	95	77				
CSC1005	Theepan Chelvi		52	40	48				
CSC1006	Arul Kumaran		39	37	60				
CSC1007	Kuruparan Ravi		45	93	67				
CSC1008	Rajenthiran Theva		64	52	68				
CSC1009	Senthil Kumutha		82	80	58				
CSC1010	Pragash Mathi		42	36	40				

- Fill the **Name with Initial** column using suitable functions. (Eg: R.Priya)
- Fill the **Total** and **Average** column using suitable functions. (Average values should be in one digit)
- Fill the **Rank** column using suitable function.
- Fill the **Grade** column using suitable functions with the following conditions

Average Marks	Grade
0 – 30	F
31 – 40	D
41 – 50	C
51 – 75	B
76 – 100	A

- Draw a Column chart as shown below.



04) By using "Ms PowerPoint 2003" create a presentation as shown below and save it as "My document\ Your Index Number \ SOFTWARE \powerpnt.ppt"

Note: The following should be considered.

- Slide Design: Pixel.ppt
- In first slide your Registration Number should be entered.
- Slide transition should be given to all slides.
- Custom animation should be given to all headings in all slides.

## Dayana

- I am a young woman from a small town in Sri Lanka. I feel blessed to know so many people from all over the globe.

■ *My life is rich.*

Your Registration Number Here

IRQUE Exam

## About My Family

- I have one sister, her name is Densiya
- My parents live in my home town in Batticaloa
- I see them about once a month
- I am very lucky. All of my grandparents are still alive.
- I am getting married in the fall.
- Then my fiancé and I will have our own family...
  - Us and our cat
  - Children later

IRQUE Exam

## My Work History



- I worked in a corn field when I was 15 years old.
- I worked for my parents' business later.



- Now I teach English and computer classes for adults.

IRQUE Exam

## My Interests

- Cooking different kinds of food
- Dancing: modern, Bharatanatyam, salsa, ballet, swing, etc.
- Playing board games



IRQUE Exam

## My Goals for the Future

- I want to learn to speak Sinhala
- I want to travel on every continent
  - (except Antarctica)
- I want to have a family



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IRQUE Exam