



INTI
International College Subang

LAUREATE INTERNATIONAL UNIVERSITIES'

FINAL
Examination Paper

(COVER PAGE)

Session : April 2015

Programme : Diploma In Business/Finance/Entrepreneurship (DIB/DIF/DENT)
Diploma In Mass Communication (DMCN)
Diploma In Information And Communication Technology (DICTN)
Diploma In Hotel Management (DHM)

Course : ICT1100 : Principles Of Information Technology

Date of Examination : August 5, 2015

Time : 2:00pm – 4:00pm Reading Time: Nil

Duration : 2 Hours

Special Instructions :

Section A : Answer ALL Multiple Choice questions.

Section B : Answer any THREE (3) questions.

IMPORTANT NOTE : THIS PAPER SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL

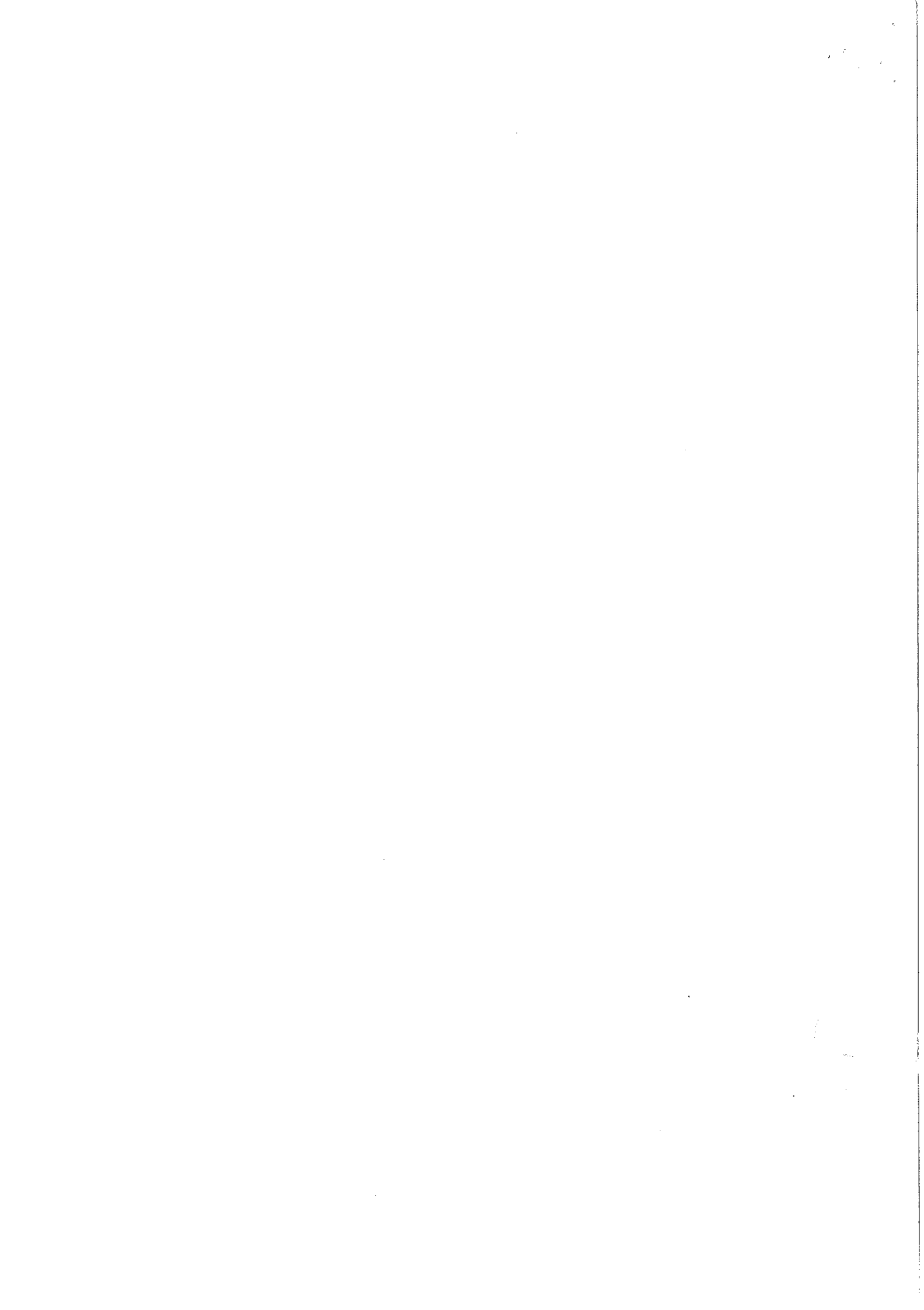
Materials permitted : Nil

Materials provided : OMR sheets

Examiner (s) : Mr. Light Lau Teng Lye, Tan Kok Cheng, Tan Kwong Hwee , Fanny, Tee Ah Ann, Mahaletchumy.

Moderator : Ms. Robina Tinawin

This paper consists of 5 printed pages, including the cover page.



INTI INTERNATIONAL COLLEGE SUBANG

DIPLOMA IN BUSINESS/FINANCE/ENTREPRENEURSHIP (DIB/DIF/DENT)

DIPLOMA IN MASS COMMUNICATION (DMCN)

DIPLOMA IN HOTEL MANAGEMENT (DHM)

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)

ICT1100: PRINCIPLES OF INFORMATION TECHNOLOGY

FINAL EXAMINATION: APRIL 2015 SESSION

SECTION A : 40 marks

Instructions: This section consists of **20 questions**. Answer **ALL** questions in the OMR sheet provided.

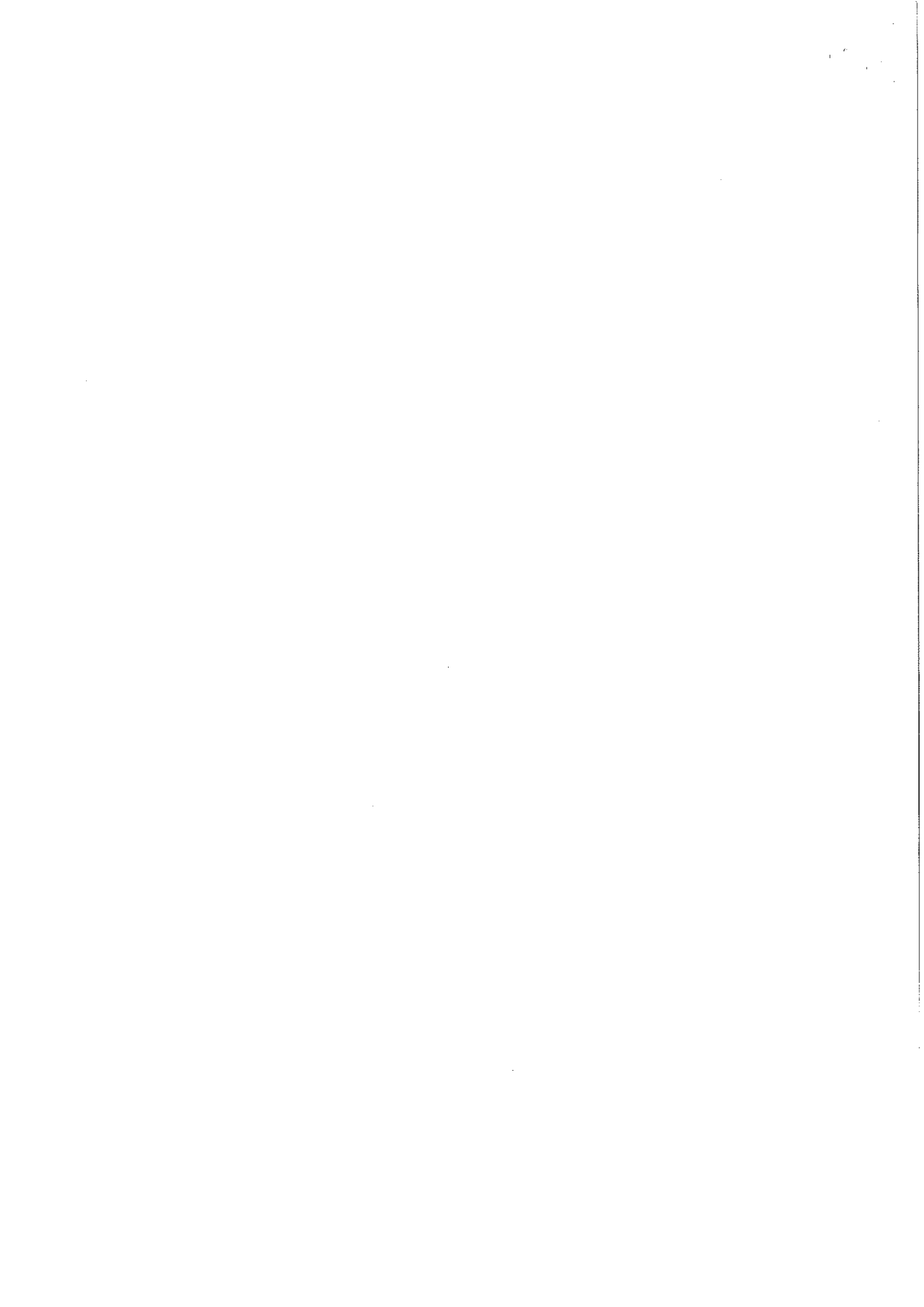
- 1) Which of the following represents approximately 1,000,000 bytes of data in computing?
 - (A) Kilo Byte (KB)
 - (B) Tera Byte (TB)
 - (C) Mega Byte (MB)
 - (D) Giga Byte (GB)
 - (E) Nano Byte (nB)

- 2) _____ refers software that performs functions specific to a business or industry.
 - (A) Custom software
 - (B) Freeware
 - (C) Shareware
 - (D) System software
 - (E) Hardware

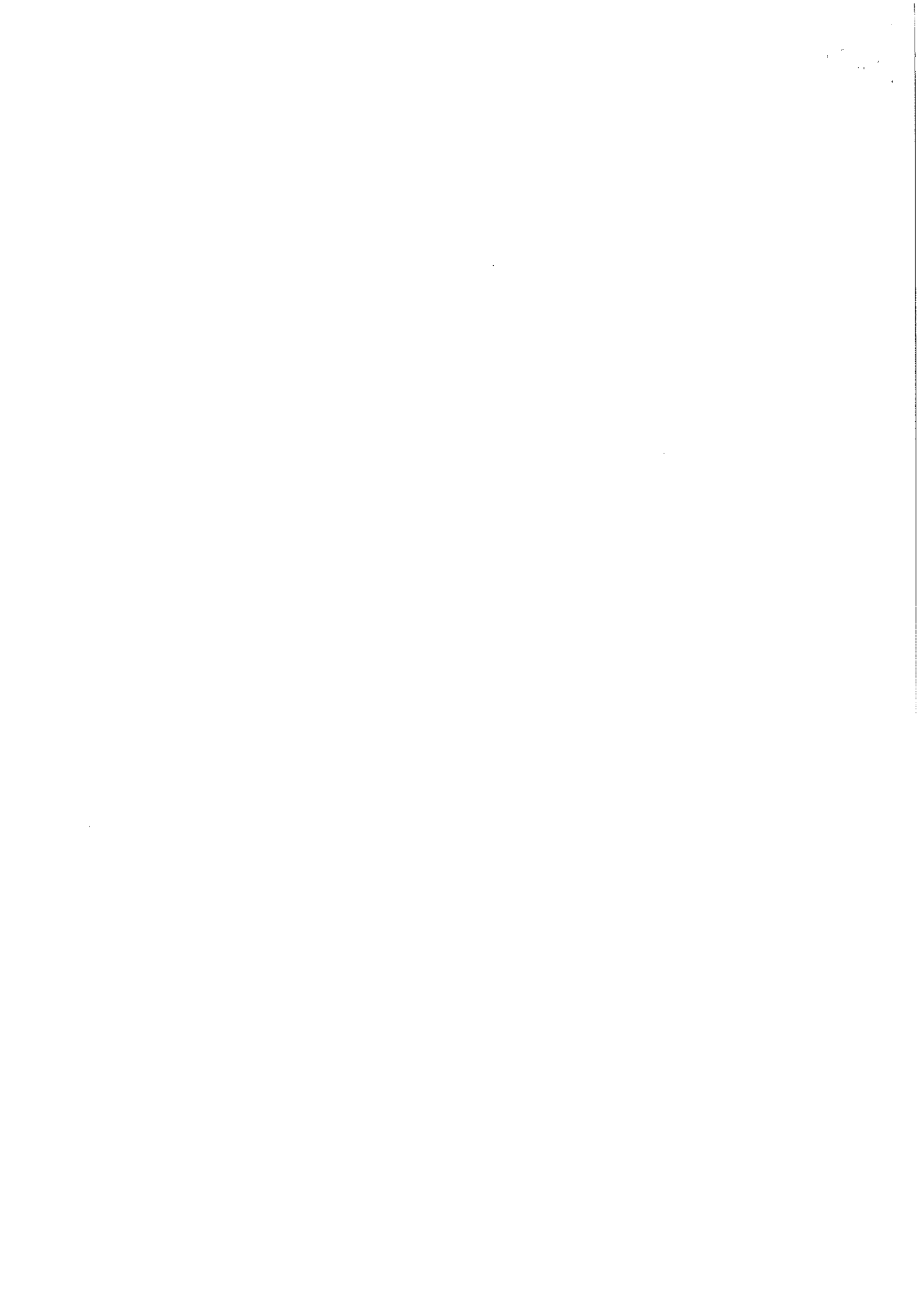
- 3) _____ performs mathematical calculation and logical comparison.
 - (A) Control Unit
 - (B) Ports
 - (C) ROM
 - (D) RAM
 - (E) ALU

- 4) The followings are computer crimes, **EXCEPT** _____.
 - (A) Cookie
 - (B) Cyberterrorist
 - (C) Cracker
 - (D) Hacker
 - (E) None of the above

- 5) Which of the followings is a type of volatile memory?
 - (A) ROM
 - (B) Flash memory
 - (C) CMOS
 - (D) SDRAM
 - (E) None of the above



- 6) The number system that has just two unique digits, 0 and 1, is called ____.
- (A) digital analog system
 - (B) binary system
 - (C) analog system
 - (D) bite system
 - (E) decimal system
- 7) A computer program that is capable of duplicating itself on infected computer, consuming computer resources and send copies to other computers via network is called ____.
- (A) worm
 - (B) trojan horse
 - (C) virus
 - (D) anti-virus
 - (E) bacteria
- 8) A _____ usually consists of several circular disks on which data, instructions and information are stored magnetically.
- (A) DVD-ROM
 - (B) CD-ROM
 - (C) hard disk
 - (D) DRAM
 - (E) zip disk
- 9) The following are ways to prevent unauthorized computer access, **EXCEPT** ____.
- (A) Using anti-virus software
 - (B) Using fingerprint authentication device
 - (C) Using the intrusion detection software
 - (D) Using the security dashboard
 - (E) Using the firewall software
- 10) _____ electronically read data from marked fields such as bubble sheets (for MCQ) on printed form.
- (A) OCR
 - (B) MICR
 - (C) ASCII
 - (D) BIT
 - (E) OMR
- 11) The speed of an ink jet printer is measured by the number of _____ it can print.
- (A) pages per second (pps)
 - (B) pages per minute (ppm)
 - (C) characters per second (cps)
 - (D) characters per minute (cpm)
 - (E) None of the above
- 12) _____ include conditions along with operators such as AND, OR and NOT.
- (A) Comparison operation
 - (B) Arithmetic operation
 - (C) Mathematic operation
 - (D) Logical operation
 - (E) Statistical operation



- 13) All of the following use direct access, **EXCEPT** _____.
- (A) DVD-ROM
 - (B) hard disk
 - (C) magnetic tape
 - (D) floppy disk
 - (E) CD-ROM
- 14) Which of the following is a smart phone operating system?
- (A) Android
 - (B) Windows Mobile
 - (C) Palm webOS
 - (D) Symbian OS
 - (E) All of the above
- 15) Which of the following types of computer often use PC card?
- (A) Mainframe computer
 - (B) Network computer
 - (C) Super computer
 - (D) Notebook computer
 - (E) Power computer
- 16) The vertical and horizontal elements of a spreadsheet are called _____.
- (A) Bars and cells
 - (B) Table and cells
 - (C) Cells and rows
 - (D) Bars and columns
 - (E) Columns and rows
- 17) The clock speed of a microprocessor is measured in _____.
- (A) Hertz
 - (B) Byte
 - (C) Bit
 - (D) Second
 - (E) None of the above
- 18) _____ consists of a number of programs to perform specific task for user.
- (A) System software
 - (B) Utility program
 - (C) Application software
 - (D) Operating system
 - (E) None of the above
- 19) _____ is responsible for controlling and coordinating the activities of the computer system during program execution.
- (A) Control unit
 - (B) Primary storage
 - (C) Input device
 - (D) System unit
 - (E) Communication unit

- 20) Each dot of phosphor material on a CRT screen consists of a _____ phosphor.
- (A) red, green and blue
 - (B) blue, red and yellow
 - (C) yellow, green and red
 - (D) green , yellow and blue
 - (E) black, white, red

SECTION B : 60 marks

Instructions: This section consists of **FOUR (4)** questions. Answer any **THREE (3)** questions in the answer booklet provided. All questions carry equal marks.

Question 1

- (a) Pipelining is a technique used in the design of computers to increase their instruction throughput. With an aid of diagrams, briefly explain machine cycle with pipelining and machine cycle without pipelining. (10 marks)
- (b) Briefly explain **FOUR (4)** types of utility program. (10 marks)

Question 2

- (a) Explain **FIVE (5)** components of Graphical User Interface (GUI). (10 marks)
- (b) Identify and explain **FOUR (4)** types of input devices. (10 marks)

Question 3

- (a) Explain the **FOUR (4)** processes of Machine cycle with the aid of diagram. (10 marks)
- (b) Identify and explain **FOUR (4)** components of system unit in a computer. (10 marks)

Question 4

- (a) Identify and explain **FOUR (4)** types of application software. (10 marks)
- (b) Explain **THREE (3)** types of user interface with appropriate example. (6 marks)
- (c) Briefly explain **TWO (2)** techniques used to collect personal data from users? (4 marks)

-THE END-

