

RÉPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie

.....
MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR

.....
COMMISSION NATIONALE D'ORGANISATION DE L'EXAMEN HIGHER
NATIONAL DIPLOMA EXAM (HND)

REPUBLIC OF CAMEROON
Peace-Work-Fatherland

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MINISTRY OF HIGHER EDUCATION

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NATIONAL COMMISSION FOR THE ORGANISATION OF
HIGHER NATIONAL DIPLOMA EXAM (HND) EXAM

National Exam of Higher National Diploma-New program – 2020 Session

Spécialty/option : PMA, HUR, QMA, LTM, NGO, PSM, LAS, JOU, COC

Paper : Computer Studies

Duration : 2 hours

Credit : 1/2

Instructions: This paper is made up of three sections from which you are to answer all the questions in each section.

SECTION A: MCQ (20 MARKS).

This section consists of 20 MCQs from where you write the question number and letter corresponding to the correct answer to that question in your answer booklet.

For example: 30-D, if option D is the correct answer for question number 30.

1. A _____ is a malicious software that presents itself as a legitimate game, lottery, or screen saver.
A) Trojan horse B) Virus C) Worm D) Spyware
2. _____ is a utility that detects and protects a personal computer from unauthorized intrusions.
A) Automatic updates B) Sleep mode C) Windows Explorer D) Personal Firewall
3. Defragmenting reorganizes the files on a disk so that they are located in _____ access time.
A) noncontiguous sectors, which slows B) contiguous sectors, which slows
C) contiguous sectors, which speeds D) noncontiguous sectors, which speeds
4. _____ is the first 16-bit processor to be produced.
A) Intel 4004 B) Intel 4040 C) Intel 8086 D) Intel Core i3
5. 0.6875 represented in binary is _____
A) 0.1011_2 B) 0.1101_2 C) 0.1110_2 D) 0.1010_2
6. Which of the following memories has the shortest access time?
A) HDD B) RAM C) Cache D) Magnetic tapes
7. On _____, the display is often built into the system unit.
A) desktop personal computers B) mobile computers and devices
C) notebook computers D) all of the above
8. _____ combines text-based links with graphic, audio, and video links.
A) Hypertext B) Multi-linking C) Hypermedia D) Tabbed browsing
9. _____ software provides a means for sharing, distributing, and searching through documents by converting them into a format that can be viewed by any user.
A) Database B) Portable Document Format (PDF)
C) Document management D) Word processing

6. i) What are the two interfaces provided to the user by the operating system?
 ii) Which interface would you prefer to use? Give a reason for your choice of answer.
 iii) Name the two layers or components of an operating system? (2, 2, 2 marks)
7. i) What is a protocol as used in networking or computing? (1 mark)
 ii) state the two ways by which IP addresses are configured to an end device? (2 marks)
8. i) What is a device driver? (1 mark)
 ii) Which action will you take if you play an mp3 track using Window Media Player in a computer that has all sound system installed and at maximum volume, but yet you cannot hear any sound? (2 marks)
9. List the three media that can be used for an internet connection. (3marks)

SECTION C (50 marks)

Exercise I (15 marks)

- a) i) Outline the steps you would follow to create a new Microsoft Word 2013 document without using keyboard combinations. (3 marks)
 ii) What is the default name given to the document when it is first created? (1 mark)
 iii) Outline the steps you would follow to save the above created document on your desktop with the name *Computer Studies*. (2 marks)
- b) i) Which type of application is represented in Figure 1 below? (1 mark)
 iii) What does the numbers 1 – 8 represent? Name them. (8 marks)

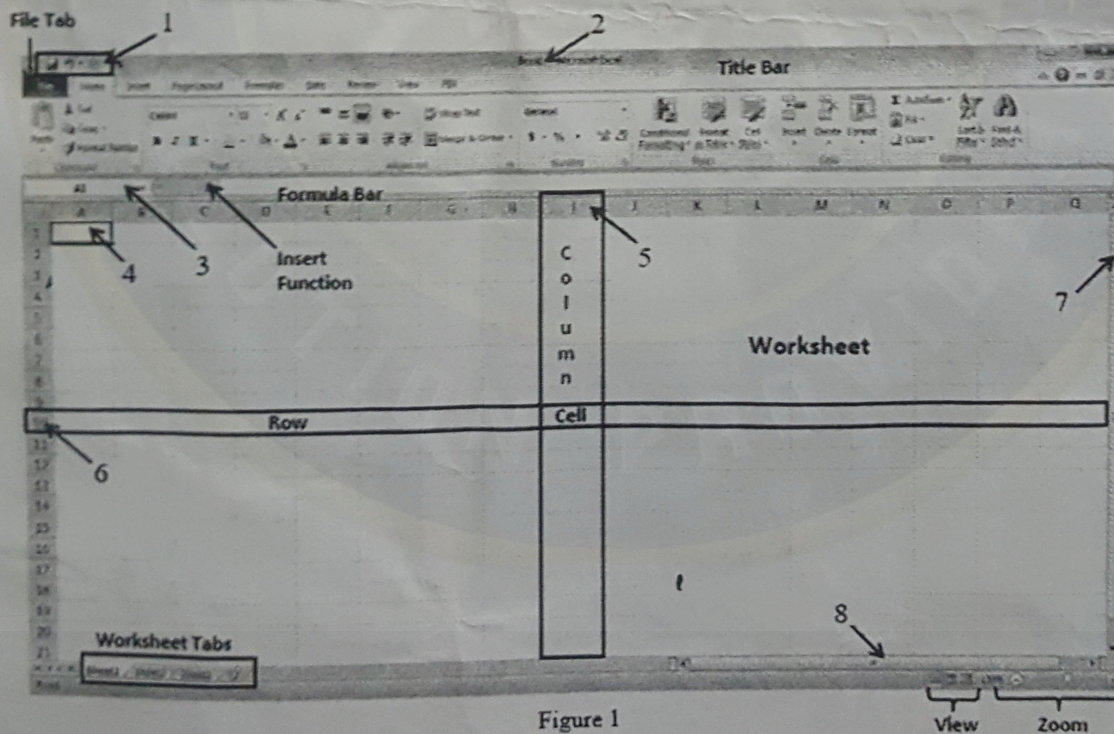


Figure 1

Exercise II (15 marks)

a) Classify the following devices under the different headings in the table below:
 Projector, Optical disc, Touch pad, Network card, Keyboard, WAP, Solid State Drive,
 Microphone, Router, Speaker, Modem, Scanner, Magnetic tape, Mouse, Laser Printer,
 Memory Card. (8 marks)

Input Device	Output Device	Storage Device	Communication Device
Touch pad Keyboard Mouse	Projector Scanner Solid state Laser printer	Optical disc Magnetic tape Memory card	WAP Modem Speaker Network card

b) Define the following terms:

- i) Package software
- ii) Custom Software
- iii) Web Application
- iv) Open source software
- v) Shareware
- vi) Freeware
- vii) Public-domain software

(7 marks)

Exercise III (20 marks)

- a) How does society today use Computers in *Education, Finance, Government, Health Care, and Science*? (10 marks)
- b) Although you have sent your friend multiple text messages from a cell phone, he is not receiving them. What might be the problem? (4 marks)
- c) Your new Lab top computer was handed to you today. You anxiously unpack it, and then turn it on. After answering a series of questions to set up the computer, you notice it includes a lot of programs, some of which you will not use. How will you remove these unwanted programs? (6 marks)