

CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE (NZ-JES)



FORM TWO PRE – NATIONAL EXAMINATION AUG 2025
INFORMATION AND COMPUTER STUDIES
MARKING SCHEME

SECTION A(15 marks)

Question 01

i	ii	iii	iv	v	vi	vii	viii	ix	x
B	A	D	A	A	D	A	A	C	C

10 marks

Question 02

i	ii	iii	iv	v
E	B	C	D	A

5 mark

SECTION B (70 MARKS)

Question 03

(a) (i) System software is a type of software designed to manage and control computer hardware. It provides a platform for running application software. Examples include the operating system (e.g., Windows, Linux), device drivers, and utilities.

(ii) Application Software is designed to help users perform specific tasks or applications. Examples include Microsoft Word for word processing, Excel for spreadsheets, and web browsers for accessing the internet.

(2marks @1 mark per each)

(b) (i) Managing hardware resources like CPU, memory, and storage

(ii) Providing a user interface to interact with the computer

(iii) Running and managing software applications

(iv) Handling input and output devices (like keyboard, mouse, and printers)

(4 marks@ 1marks for point)

- (c)(i) Right-click on the desktop or inside any drive/folder
- (ii) Hover over or click on "New" in the context menu
- (iii) Select "Folder" from the list
- (iv) A new folder will appear with the name highlighted
- (v) Type the desired folder name and press Enter

(5marks)

Question 04

(a) (i) Television

(ii) Radio

(iii) Social Media (e.g., Facebook, Twitter)

(iv) Mobile phone messaging (SMS)

(6 marks@1.5 mark per point)

(b) (i) To reach a large number of people quickly and efficiently

(ii) To provide real-time updates and information

(iii) To overcome limitations of traditional methods during lockdowns and social distancing

(3marks @1 mark per point)

Question 05

(a) i) File - Close and File - Exit

File - Close: Closes the current document but keeps the Word application open.

File - Exit: Closes the entire Word application including all open documents.

ii) Save and Save As

Save: Updates the current document in its existing location with recent changes.

Save As: Allows the user to save the document under a new name or in a different location or format.

iii) Print and Print Preview

Print: Sends the document directly to the printer.

Print Preview: Shows how the document will look on paper before printing.

iv) Header and Footer

Header: Text or graphics displayed at the top of every page in a document.

Footer: Text or graphics displayed at the bottom of every page.

(6 marks @1.5marks per each)

(b) (i) Internet Service Provider (ISP): Provides access to the internet.

(ii) Modem or Router: Connects the organization's network to the internet.

(iii) Network Infrastructure: Includes cables, switches, and Wi-Fi devices for internal communication.

(iv) Computers or Devices: Devices like PCs, laptops, or smartphones to access the internet.

(4 marks @1marks per each)

Question 06

(a) A spreadsheet is an application program, like Microsoft Excel, used to organize, analyze, and store data in rows and columns. It is commonly used for calculations, creating graphs, and managing financial or statistical data. **(2 marks)**

(b)

Formulas used:

Profit (Column F) = Income - Cost

Profit% (Column G) = (Profit / Cost) × 100

Totals (Row 7) = Sum of each column from Row 2 to 6

Averages (Row 8) = Average of each column from Row 2 to 6

Its complete table

Row	C (Sales)	D (Cost)	E (Income)	F (Profit)	G (Profit%)
2	45	15.50	19.70	4.20	27.10%
3	53	18.63	24.25	5.62	30.17%
4	37	11.48	15.45	3.97	34.59%
5	72	21.20	26.65	5.45	25.71%
6	64	19.25	24.90	5.65	29.35%
7	271	86.06	110.95		
8	54.2	17.21	22.19		

(2 marks)

(ii)

Total for C7= 45+53+37+72+64=271

Total for D7=15.50+18.63+11.48+21.20+19.25=86.06

Total for E7=19.70+24.25+15.45+26.65+24.90=110.95

(3 marks @1marks per each)

(iii)

Averages for C8=(271/5)=54.2

Avareges for D8=(86.21/5)=17.21

Avarages for E8=(110.95/5)=22.19

(3 marks @1marks per each)

Question 07

(a) **Networking** is the process of connecting two or more computers and other devices so that they can share resources such as files, printers, internet access, and applications. It allows communication and data exchange between users or systems **(2 marks)**

(b) **Star topology** consists of all nodes (computers, printers, and other shared peripheral devices) connected to the central hub or switch. Nodes communicate across the network by passing data through the hub or switch **(2 marks)**

STAR TOPOLOGY DIAGRAM



(3marks)

(c) Difference between LAN and WAN

LAN (Local Area Network)	WAN (Wide Area Network)
Covers a small area like a home, school, or office.	Covers a large area such as cities or countries.
Usually owned and managed by a single organization.	Often managed by multiple organizations or ISPs.

(3marks)

Question 08

- a) i. **Windows Desktop** is the main screen area that appears after you log into a Windows operating system. It displays icons, taskbar, and shortcuts to programs and files
- ii. **Data** refers to raw facts and figures that are not yet processed, such as numbers, words, or symbols.
- iii. **Information** is processed data that is meaningful and useful for making decisions.

(4.5 @1.5 per each marks)

b) four (4) common mouse operations

Clicking – Pressing and releasing the left mouse button once, usually to select or open items.

Double-clicking – Quickly pressing the left mouse button twice to open files or applications.

Right-clicking – Pressing the right mouse button to open a shortcut menu.

Dragging (Click and Drag) – Holding down the mouse button while moving the mouse to relocate items or highlight text

(5.5 @1.5 per each marks)

Question 09

a) how you will save a Word document in a computer drive.

Click on the "**File**" menu in Microsoft Word

Select "**Save As**".

Choose the desired **drive or folder** (e.g., Local Disk D: or USB Drive).

Enter the **file name**.

Click "**Save**" to store the document in the selected location.

(5marks)

b) different versions of Microsoft Windows operating system

i)Windows XP

ii)Windows 7

iii)Windows 8

iv)Windows 10

v)Windows 11

(5marks @1mark per each marks)

SECTION C (15 MARKS)

10. Application of computer in medical fields

-  Keep patients' records
-  Diagnosis
-  Treatment
-  Research

- **Introduction** - 1.5 Marks
- **Points** - 3@ = 12 Marks
- **Conclusion** - 1.5 Marks