THE UNITED REPUBLIC OF TANZANIA

CHRISTIAN SOCIAL SERVICES COMMISION (CSSC)

SOUTHERN HIGHLANDS ZONE

FORM TWO JOINT EXAMINATION 2025

INFORMATION AND COMPUTER STUDIES MARKING SCHEME

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1. 10 Marks (1 per each)

item	i	li	iii	iv	v	vi	vii	viii	ix	x
ans	A	C	B	C	D	A	A	B	A	C

2. 5 Marks (1 per each)

LIST A	i	ii	iii	iv	V
LIST B	C	E	F	A	D

3. (a) 5 Marks (1 per each)

item	I	II	III	IV	V
number	3	5	2	4	1

(b) Five functions of OS (5 Marks)
   i. File and disk management
   ii. Error handling
   iii. Interrupt handling
   iv. Memory management
   v. Job scheduling
   vi. Network management
   vii. I/O management

4. (a) Two advantages of using CD RW (2 Marks)
   i. It allows user to edit and add contents in it
   ii. It is easy to carry
   iii. It is less expensive

(b) Two advantages of using memory stick (2 Marks)
   i. Fast read/write speed
   ii. Small and portable
   iii. Easy to handle from damage
   iv. High storage capacity than CD RW

(c) The problem is **virus attack (1 mark)**

(d) Anti-virus program (1 mark)

(e) Four examples of anti-virus (4 Marks)

  i. Smadav
  ii. Avast
  iii. Norton
  iv. McAfee
  v. Karspersky

5. (a) A **computer system** is a programmable electronic device that can accept input; store data; and retrieve, process and output information. (1 mark)

(b) Four things to consider when purchasing a computer (4 marks)

 i. Processor. Number of cores, threads and clock speed (Ghz)

 ii. Memory. RAM

 iii. Storage capacity. (HDD & SSD)

 iv. Graphic Cards

 v. Budget

 vi. Operating systems

(c) 5 marks each item 1

 i. **monitor**

 ii. projector

 iii. speaker

 iv. printer

 v. plotter

6. ANSWERS

 i. MS EXCEL

 ii. G5

 iii. =IF(F5>=75,"A",IF(F5>=65,"B",IF(F5>=45,"C",IF(F5>=35,"D","F"))))

 iv. PCB,PCM,EGM,HGK,CBG HKL

 v. CELL MERGING, CELL BORDERS, ALLIGNMENT AND BOLDING

 vi. =IF()

7. (a) LAN - is **a collection of devices connected together in one physical location**, such as a building, office, or home. (1 Mark)

(b) Advantages of LAN (2 Points, 2 Marks)

 i. It is less cost full compared to WAN

 ii. Enhance data and file sharing

 iii. Higher data transfer rate than WAN

  Disadvantages of LAN (2 Points, 2 Marks)

i. Printing within a network is very slow.

ii. Virus can spread very easily.

iii. It covers small geographical area compared to WAN.

(c) (i) Bus topology – (2.5 marks)

(ii) Ring topology – (2.5 marks)

8. (a) Electronic word processor – is an application software that manipulates text based documents. Example Ms Word, Microsoft Word, Google Docs, Grammarly, WPS Office, Dropbox Paper, Notion, Coda. (2 marks)
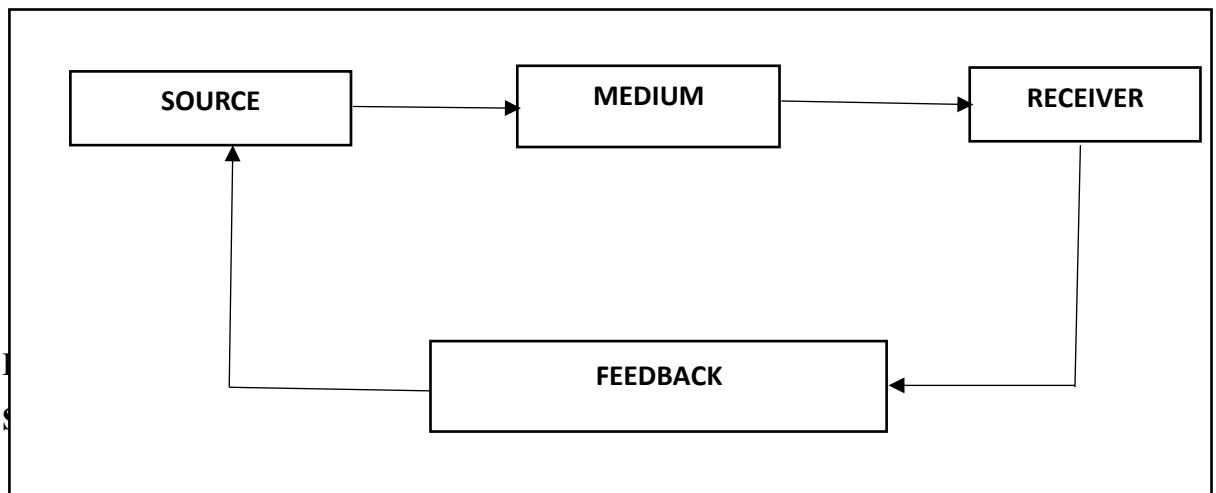
(b) The use of the following in Ms Word (2 Marks per each)

i. **Find and replace** - helps you to find words or formats in a document and can let you replace all instances of a word or format.

ii. **Undo and redo** - Undo allows you to take back data entry changes by storing a collection of data maintenance actions. Redo lets you restore the change that was undone.

iii. **Thesaurus -** a tool, which is used in MS Word or Microsoft Word to search for synonyms for a particular selected word.

iv. **Autocorrect** - a word processing feature that identifies misspelled words, and uses algorithms to identify the words most likely to have been intended, and edits the text accordingly.

9. (a) Five importance of information in a society (5 marks)

i. decision-making

ii. problem solving

iii. understanding

iv. Notifications

v. Exchange of ideas

(b) Communication process model (3 Marks)

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│                                                                       │
│    ┌──────────────┐      ┌──────────────┐      ┌──────────────┐      │
│    │    SOURCE    │─────▶│    MEDIUM    │─────▶│   RECEIVER   │      │
│    └──────────────┘      └──────────────┘      └──────────────┘      │
│           ▲                                            │              │
│           │              ┌──────────────┐             │              │
│           └──────────────│   FEEDBACK   │◀────────────┘              │
│                          └──────────────┘                            │
│                                                                       │
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Medium – Technology used to transmit message to the receiver. Eg TV, Radio, etc

Receiver – intended recipient of the message

Feedback – response of the receiver

ESSAY QUESTION (15 MARKS)

10. Introduction: Explain about internet (1.5 Marks)

    Main body: 5 Harmfulness of internet to students (2.5 Each)

    i.   Moral decay

    ii.   Laziness

    iii. Health problems

    iv.   Addiction

    v.   Decreased motivation to study

    vi.   Wastage of time

    Conclusion: Positive effects of internet to students/ways to combat negative effects of internet to students.