NAME: .... Stream ....

Uganda Advanced Certificate Of Education

Subsidiary ICT

Test One 2025

Time; One hour

840/1 Theory Paper

- All questions are compulsory

1. a). What is **computer literacy**? (2 marks)

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   b). Why should a computer be serviced? (1 mark)

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   c). What tools can be used in servicing a computer? (2 marks)

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2. a). Define a **network protocol**.   (1 mark)

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   b). Explain the following terms

       (i). Internet protocol   (2 marks)

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       (ii). Transmission control protocol   (2 marks)

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3. a). What benefits can you enjoy by using electronic mail? (2 marks)

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b). State the difference between sign in and sign up as regard to using E-mail.

(2 marks)

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c). How can you ensure that your E-mail attachments remain secure?   (1 mark)

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4.   a). Define the term **data storage** as used in computing.   (1 mark)

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b). Explain the following terms as related to data storage.

(i). Storage capacity   (1 mark)

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(ii). Access time   (1 mark)

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(iii). Access mode.   (1 mark)

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c). What factors would you consider when choosing a storage medium? (1 mark)

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5.   a). What is a **computer virus**?   (1 mark)

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b). How are computer viruses spread?   (2 marks)

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c). What are the effects of computer virus on a computer?   (2 marks)

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6. a). What is data as used in computer information processing? (1 mark)

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b). How can data accuracy be maintained during entry? (2 marks)

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c). Explain the ways in which people in an organization can misuse data. (2 marks)

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7. a). What is data communication? (1 mark)

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b). Give two elements of data communication channel. (2 marks)

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c). In what ways can GPS be used in business.? (2 marks)

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8. a). Define **video conferencing.** **(1 mark)**

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b). What two hardware components are needed to be able to do Video conferencing? (2 marks)

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c). Give two applications that can be used for Video conferencing. (2 marks)

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9.   a). What is **ICT**?   (1 mark)

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b). In what two ways can ICT be used in your school?   (2 marks)

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c). Give two negative effects of ICT on society.   (2 marks)

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10.   a). Briefly explain the concept of Computer ethics.   (2 marks)

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b). What practices can be considered unethical while using a computer? (3 marks)

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