NAME:

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SIGNATURE:

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S850/1

Subsidiary Information and

Communication Technology

Paper 1

$2\frac{1}{2}$ Hours

BEGINNING OF TERM ONE 2023

UGANDA ADVANCED CERTIFICATE OF EDUCATION

SUBSIDIARY ICT

2 HOURS 30 MINUTES

INSTRUCTIONS TO CANDIDATES:

- Answer all questions in this paper
- All answers should be written in dark blue or black ink in the spaces provided on the question paper.

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1. Give five reasons why mobile phones should not be allowed in schools.

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2. (a) Explain the importance of servicing and maintenance of computers.

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(b) State any three activities involved in servicing and maintenance of computers.

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3. Define the following terms as used in ICT
   a) System unit

   ………………………………………………………………………………………

   ……………………………………………………………………………………..

   b) Ram chip

   ………………………………………………………………………………………

   ……………………………………………………………………………………..

   c) Power supply

   ………………………………………………………………………………………

   ……………………………………………………………………………………..

   d) Bus

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   e) Peripheral devices

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4. a) Define the term file extension

   ………………………………………………………………………………………

   ………………………………………………………………………………………

   b) Suggest possible file extensions for the following files.
   i) Audio file ……………………………………………………………………………
   ii) Word documents…………………………………………………………………….

5. a) state any three divisions of a computer keyboard

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b) State the difference between backspace and delete key.

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6. A) What are operating systems?

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b) State the three major divisions of computer system software

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7. List five examples of computer crimes committed across a computer network.

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8. A) What is the work of a *search engine* to internet users?

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b) Give four examples of search engines commonly used.

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9. Explain the following forms of cell referencing
   i)   Mixed

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   …………………………………………………………………………

   ii)   Relative

   …………………………………………………………………………………

   …………………………………………………………………………………

   iii)   Absolute

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b) Outline two qualities of a good graph in relation to a spreadsheet program.

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10. A) State four health challenges a user is bound to face as a result of using a computer regularly.

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b) Suggest a measure to overcome one of the above health problems.

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11. Write the following ICT terms in full
    i)   IRC

    ………………………………………………………………………….

    ii)   UPS

    ………………………………………………………………………….

    iii)   HTTP

    ………………………………………………………………………….

    iv)   HDMI

    ………………………………………………………………………….

    v)   CMOS

    ………………………………………………………………………….

12. What are wireless networks?

    …………………………………………………………………………………

    …………………………………………………………………………………

    b) State four wireless transmission media

    …………………………………………………………………………………

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13. Explain the following terms as used in presentation software.
    i)   Slide transition

    …………………………………………………………………………………

    …………………………………………………………………………………

    ii)   Slide animation

    …………………………………………………………………………………

    …………………………………………………………………………………

    iii)   Handouts

…………………………………………………………………………

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iv)   Master slide

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v)   Slide template

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14. a) distinguish between warm and cold booting

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b) Under what circumstances may a person perform a warm boot?

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15. What is an icon in a desktop environment?

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b) State the four common icons on a normal computer desktop

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16. A) mention two causes of system failure

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b) State the difference between software update and software upgrade.

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c) Give one way system failure can be controlled

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17. Many companies use video conferencing instead of face to face conferencing.

i)   Mention three advantages of video conferencing

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ii)   Explain two disadvantages of video conferencing

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18.A) define the term digital forensics

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B) Mention two causes of signal attenuation

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C) Mention two biometric devices

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19. State two factors to consider before buying a software program

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b) Mention three ways computer users can obtain software.

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20. List five ways you can make a document look attractive and professional.

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+SUCCESS+

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