

07008/2&1 BECE
 June 2022
 INFORMATION
 AND COMMUNICATIONS
 TECHNOLOGY 2 & 1
 Essay and Objective
 2 hours

2 & 1

Name.....
 Index Number.....
 Signature

Date of Examination

**THE WEST AFRICAN EXAMINATIONS COUNCIL
 GHANA**

Basic Education Certificate Examination

June 2022 INFORMATION AND COMMUNICATIONS TECHNOLOGY 2 & 1 2 hours

Do not open this booklet until you are told to do so. While you are waiting, read and observe the following instructions carefully. Write your name, index number, signature and date of examination in ink in the spaces provided above.

This booklet consists of two papers. Answer Paper 2 which comes first, in the booklet and Paper 1 on your Objective Test answer sheet. Paper 2 will last 1 hour 15 minutes. Do not start Paper 1 until you are told to do so. Paper 1 will last 45 minutes. At the end of the examination, submit the entire question paper to the invigilator.

Any candidate who tears off any part of the question paper will be severely penalized.

Whether you answer all the questions in this paper or not, hand in the entire question paper to the invigilator.

For Examiner's Use Only	
Question Number	Mark
TOTAL	

PAPER 2
ESSAY
[60 marks]

This paper is in **two** sections: **A** and **B**. Answer **Question 1** in **Section A** and any other **three** questions in **Section B**.

Answer **all** the questions in the spaces provided in this question paper. At the end of the examination, you should submit the **entire** question paper to the invigilator.

Any candidate who tears off any part of the question paper will be **severely** penalized.

Whether you answer all the questions in this paper or not, hand in the **entire** question paper to the invigilator.

Credit will be given for clarity of expression and orderly presentation of material.

SECTION A
[24 marks]

Answer **Question 1**.
[Compulsory]

1. Study **Figure 1** carefully and use it to answer questions **1(a)** to **(e)**.

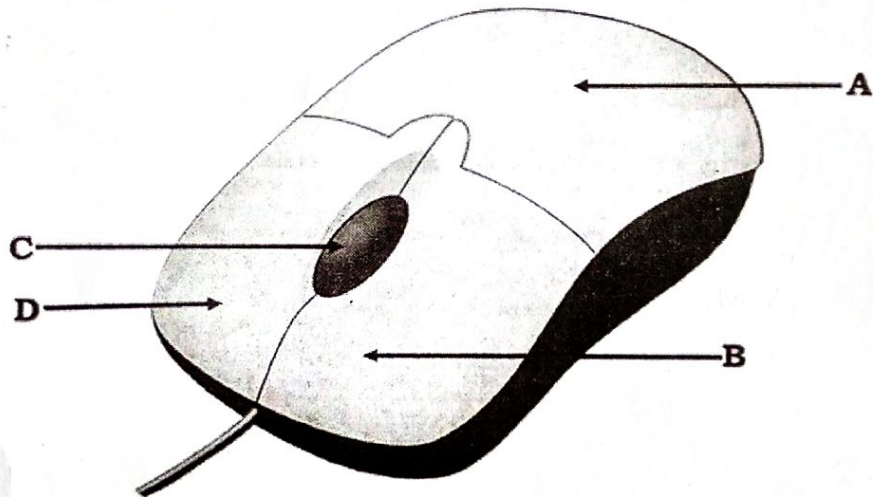


Figure 1

(a) Write down the name of the device displayed in Figure 1.....
.....
[2 marks]

(b) Write down the name of the parts of Figure 1 labelled A, B, C and D.
A:
B:
C:
D:
[8 marks]

(c) State **three** uses of the device identified in Figure 1.

(i)

(ii).....

(iii).....

[6 marks]

(d) State **three** devices that function as the one shown in Figure 1.

(i)

(ii).....

(iii)

[6 marks]

(e) What is the name of the flat material on which the device shown in Figure 1 is mostly placed?

.....

[2 marks]

Answer three questions only from this section.

2. (a) What is a *search engine*?

.....
.....
.....

[3 marks]

(b) List **three** examples of a search engine.

(i)

(ii)

(iii)

[3 marks]

(c) What does the following domain of a website address represent?

(i) .edu :

(ii) .biz :

(iii) .int :

[6 marks]

3. (a) State **three** reasons that will compel a user to restart a computer.

(i)

(ii)

(iii)

[6 marks]

(b) State **three** ways by which an application can be launched using its shortcut icon on the desktop.

- (i)
-
- (ii)
-
- (iii)
-

[6 marks]

4. Use the image shown in Figure 2 to answer question 4(a) and (b).



Figure 2

(a) Write the name of the image shown in Figure 2.

.....
[2 marks]

(b) State the function of the image shown in Figure 2.

.....
.....

(c) Which tool on the drawing toolbar is used to colour a drawn object?

[2 marks]

.....
[2 marks]

(d) State **three** uses of the drawing toolbar.

- (i)
-
- (ii)
-
- (iii)
-

[6 marks]
Turn over

5. (a) Write **three** features that are common to both Microsoft Word and Microsoft Excel.

(i)
.....
.....

(ii).....
.....
.....

(iii)
.....
.....

[6 marks]

(b) List **three** data types of a Spreadsheet application.

(i)
.....

(ii)
.....

(iii)
.....

[6 marks]

END OF ESSAY TEST

**DO NOT TURN OVER THIS PAGE
UNTIL YOU ARE TOLD TO DO SO.**

**YOU WILL BE PENALIZED SEVERELY IF YOU ARE
FOUND LOOKING AT THE NEXT PAGE BEFORE
YOU ARE TOLD TO DO SO.**

45 minutes

PAPER 1
OBJECTIVE TEST

Answer all the questions on your Objective Test answer sheet.

1. Use **2B** pencil throughout.
2. On the pre-printed answer sheet, check that the following details are **correctly** printed:
Your **surname** followed by your **other names**, the *Subject Name*, your *Index Number*,
Centre Number and the *Paper Code*.
3. In the boxes marked *Candidate Number*, *Centre Number* and *Paper Code*, **reshade** each of the shaded spaces.
4. An example is given below. This is for a female candidate whose name is Dora Afi SULE. Her *index number* is 772384188 and she is writing the examination at *Centre Number* 77234. She is offering *Information and Communications Technology 1* and the *Paper Code* is 0701

**THE WEST AFRICAN EXAMINATIONS COUNCIL, GHANA
BASIC EDUCATION CERTIFICATE EXAMINATION
OBJECTIVE ANSWER SHEET**

CANDIDATE NAME:
SULE DORA AFI

SUBJECT NAME: INFORMATION AND
COMMUNICATIONS TECHNOLOGY 1

1. Use 2B pencil. Press firmly.
2. Answer each question by choosing one letter and then, shade through the letter chosen like this A B C D E
3. If you want to change an answer, erase your first mark completely.
4. If only four alternative answers are given for each question, ignore the letter E.
5. Your question paper may have fewer than 60 questions

CANDIDATE NUMBER								
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PAPER CODE			
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<input type="checkbox"/> 8	<input type="checkbox"/> 8	<input type="checkbox"/> 8	<input type="checkbox"/> 8
<input type="checkbox"/> 9	<input type="checkbox"/> 9	<input type="checkbox"/> 9	<input type="checkbox"/> 9

For Supervisors only.
If candidate is absent shade this space.



Answer **all** the questions.

Each question is followed by **four** options lettered A to D. Find the **correct** option for **each** question and shade in **pencil** on your answer sheet the answer space which bears the same letter as the option you have chosen. Give only **one** answer to **each** question. An example is given below.

Which of the following is an input device?

- A. Monitor
- B. Stylus
- C. Projector
- D. Speaker

The correct answer is stylus which is lettered B and therefore answer space B would be shaded.

A

B

C

D

E

Think carefully before you shade the answer spaces. Erase completely any answer you wish to change.

Do all rough work on this question paper. Now answer the following questions.

1. Developers of computer virus can technically be referred to as computer
 - A. users.
 - B. programmers.
 - C. specialist.
 - D. inventors.
2. The Operating System function that enables computer users to do many activities at the same time is known as
 - A. multiprocessing.
 - B. multiprogramming.
 - C. multiactivity.
 - D. multitasking.
3. A computer that combines the features of analogue and digital functionalities is known as
 - A. hybrid computer.
 - B. special-purpose computer.
 - C. multipurpose computer.
 - D. complex computer.
4. The webcam **best** feeds the computer with data in the form of
 - A. image.
 - B. text.
 - C. audio.
 - D. number.
5. The following options are pointing devices in computing **except**
 - A. mouse.
 - B. trackball.
 - C. touchpad.
 - D. stylus.
6. In computing, 8 bits can technically be called a
 - A. Bit.
 - B. Byte.
 - C. Nibble.
 - D. Word.
7. Which of the following components has the characteristic of being volatile?
 - A. Read Only Memory
 - B. Hard disk
 - C. Flash disk
 - D. Random Access Memory
8. The full meaning of the acronym DVD is
 - A. digital video device.
 - B. digital video drive.
 - C. digital versatile drive.
 - D. digital versatile disc.

9. Any hardware device connected to the system unit of a computer is referred to as
- a processing device.
 - an output device.
 - an input device.
 - a peripheral device.
10. To obtain a constant flow of power into a computer system, the user should use
- voltage stabilizer.
 - step-up transformer.
 - step-down transformer.
 - uninterruptible power supply.
11. The horizontal bar on top of a window that contains the window's name is called
- title bar.
 - horizontal scroll bar.
 - vertical scroll bar.
 - menu bar.
12. The rectangular-shaped viewing area of an application on the screen of a computer that the user works in is referred to as
- graphical user interface.
 - desktop icon.
 - application window.
 - computer desktop.
13. An application window that displays a message for a response between a user and a software is called
- message box.
 - dialogue box.
 - application box.
 - window box.
14. The default location for saving a text file is
- My documents folder.
 - My computer folder.
 - My downloads folder.
 - My pictures folder.
15. Dragging a file into the recycle bin is the same as
- moving the file.
 - pasting the file.
 - deleting the file.
 - copying the file.
16. Information should be stored for users to
- use it in the future.
 - process the data.
 - be able to format the data.
 - delete the file.
17. In computing, raw or unprocessed text or fact is called
- record.
 - data.
 - information.
 - file.
18. Which of the following items tend to attract heavy investment from **most** organizations?
- Programming
 - Data
 - Information
 - Software
19. The term virus as used in computing is a
- software that distorts information in the computer.
 - program that loads when the computer boots.
 - software that detects missing computer files.
 - program located on the hard disk drive.
20. The print command can be issued from the
- edit menu.
 - file menu.
 - print menu.
 - format menu.
21. The harrow cursor is basically used to open
- a hyperlink.
 - a folder.
 - an application.
 - a browser.

22. The basic function of the computer mouse is for
- clicking, dragging and pointing.
 - pointing, typing and dragging.
 - clicking, typing and moving.
 - scrolling, clicking and typing.
23. The process of clicking the left mouse button twice in quick succession on a particular word will
- italicize the word.
 - underline the word.
 - select the word.
 - bold the word.
24. Which of the following fingers is used to type the letter **A** during typing?
- Right middle finger
 - Left little finger
 - Right index finger
 - Left index finger
25. Which of the following formatting styles is usually applied to a heading of a document?
- Underline
 - Double underline
 - Strikethrough
 - Italics
26. Generally, main captions of documents are aligned using the
- align right command.
 - justify command.
 - centre command.
 - align left command.
27. In a Word processing application, header and footer facility can be accessed from the
- view menu.
 - tools menu.
 - insert menu.
 - format menu.
28. Which of the following menu options will take a user to the symbol dialogue box in a Word processing application?
- Insert
 - Format
 - Table
 - Tools
29. Which of the following bars can have its position changed on the desktop?
- Menu bar
 - Scroll bar
 - Status bar
 - Title bar
30. Which of the following applications is suitable for delivering lessons to students?
- Messaging
 - Word processor
 - Multimedia
 - Spreadsheet
31. The feature of a webpage that allows a user to access frequently visited webpages or websites is referred to as
- bookmark.
 - tools.
 - view.
 - history.
32. Which of the following options can be used for titles or headings of a worksheet?
- Value
 - Number
 - Label
 - Formula
33. Which of the following applications will help a user access information from the internet?
- Explorer
 - Excel
 - Access
 - Word
34. The following options are forms of exchange of information **except**
- messaging.
 - e-mail.
 - fax.
 - software.

35. To access information from a website, the user must enter the keywords in the
- A. bookmark.
 - B. index page.
 - C. browser.
 - D. search box.
36. The exclusive legal right that prohibits unauthorized use of intellectual property is referred to as
- A. civil right.
 - B. intellectual right.
 - C. legal right.
 - D. copyright.
37. The electronic application used for financial records is known as
- A. presentation.
 - B. accounts book.
 - C. grid lines.
 - D. spreadsheet.
38. In a spreadsheet application, the ready mode on the status bar means it is ready to
- A. print the data on the worksheet.
 - B. display data on the worksheet.
 - C. calculate the values on the worksheet.
 - D. accept data onto the worksheet.
39. A search engine is a type of a computer
- A. system.
 - B. software.
 - C. virus.
 - D. device.
40. Double-clicking in a Spreadsheet cell makes the cell
- A. inactive.
 - B. expand.
 - C. increase.
 - D. active.

END OF PAPER