



FIRST TERM EXAMINATION 2025/2026 ACADEMIC SESSION

NAME				
SUBJECT	COMPUTER STUDIES	CLASS	SS 3	DURATION
				2 HOURS

1. Which of the following data is alpha-numeric?
A. 568
B. SS3
C. 10.00
D. Twenty-five

2. The process of converting data into information is known as data
A. analysis
B. collection
C. processing
D. collation

3. The BCD equivalent of 135 is
A. 10000111.
B. 001011101.
C. 100110101.
D. 000100110101.

4. Which of the following is an example of information?
A. Student's score in a test
B. Recorded observations
C. List of items
D. Average score of students in a test

5. The technology used for the first generation of computers was
A. vacuum tubes
B. integrated circuit
C. transistors
D. microprocessors

6. The main distinguishing feature of fifth generation computers is
A. liberal use of microprocessors
B. artificial intelligence
C. extremely low cost.
D. versatility

7. An opening on the motherboard of a system unit where expansion cards can be inserted is known as
A. extension board.
B. extension box.
C. expansion port.
D. expansion slot.

8. The first attempt at using the *punch card* principle to do mathematical calculations led to the invention of
A. Napier's bone.
B. Abacus.
C. Charles Babbage Difference Engine.
D. Charles Babbage Analytical Engine

9. One *kilobyte* is equivalent to
A. 1024 bits
B. 1024 bytes
C. 2^{20} bits.
D. 2^{20} bytes.

10. An input device that converts an image into a text is known as
A. optical character reader.
B. scanner
C. optical mark reader
D. barcode reader

11. The unit of the computer system that directs and supervises other units is called the
A. Accumulator
B. Arithmetic logic unit.
C. Control unit
D. Memory unit

12. Input devices are computer devices that can
A. be used to get data from the computer memory.
B. send data and instructions into the computer memory
C. receive data and instructions from the computer memory
D. send results to the memory of the computer.

13. The central processing consists of

A. input, output and processing.
B. control unit, primary storage and secondary storage
C. control unit, arithmetic logic unit and primary storage
D. control unit, processing and primary storage

14. A wait state of zero in hardware means the

A. processor speed is higher than that of memory
B. processor speed is slower than that of the memory
C. memory is faster than the processor in terms of speed.
D. processor and the memory are equally matched in speed.

15. The set of instructions used to solve specific user tasks is called

A. application software.
B. editor.
C. system software.
D. utility software.

16. Which of the following commands can be used to switch between open windows?

A. Alt+F4
B. Alt + Tab
C. Ctrl + D
D. Ctrl + F

17. The command used to seek for assistance in Microsoft disk operating system is

A. Help.
B. 13/?
C. Attrib.
D. /S

18. The software responsible for allocating and managing system resources is called

A. driver.
B. operating system.
C. translator.
D. utility software.

19. The LET statement in QBASIC

A. allows users to assign a value to a variable.
B. checks the errors within the code.
C. allows the users to enter data into the computer from "outside" the program.
D. allows the users to enter data into the computer during program execution.

20. Data types in QBASIC programming language include the following except

A. double.
B. float.
C. long.
D. short.

21. A good algorithm must be

A. concise and finite
B. consistent and continuous
C. detailed and verbosc
D. sequential and lengthy

22. The command used for adding comments in QBASIC programming is

A. CLS.
B. INPUT
C. REM.
D. PRINT.

23. Which of the following QBASIC arithmetic operations is the last in order of precedence?

A. Multiplication
B. Division
C. Exponentiation
D. Subtraction

SOURCE CODE
(in High Level Language)

COMPILER
Figure 1

Y

24. The part labeled Y in the compiler interface in Figure 1 indicates

A. intermediate code.
B. input code.
C. object code
D. stored code.

25. A program that converts source code instructions in high-level programming language to object codes line by line is known as

A. assembler.
B. compiler.
C. interpreter.
D. editor.

26. The process of transferring a file from a server to a computer is called

A. downloading.
B. uploading.
C. browsing.
D. pinging.

27. The https in the web address,

<https://www.wacc.org.ng>, is called a

- A. file path.
- B. hostname.
- C. protocol.
- D. web page.

28. The transmission method that allows data transmission to multiple computers on a network without addressing all the computers is called

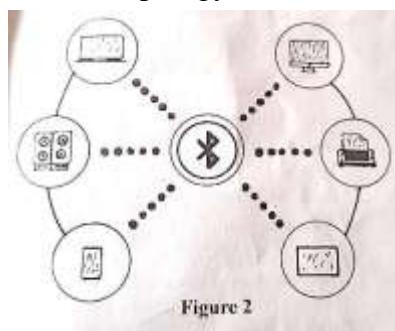
- A. broadcast.
- B. multicast
- C. switch
- D. unicast

29. Which of the following IP addresses can be used to access a locally running website on a user's computer?

- A. 172.0.0.0
- B. 127.0.0.1
- C. 1.172.0.0
- D. 127.1.0.1

30. An advantage of bus topology over star topology is that

- A. it is stronger than star topology.
- B. it is more expensive than star topology.
- C. it requires less cable length than star topology.
- D. its components are easily removed compared to star topology.



31. The technology used in the connection in Figure 2 is called

- A. Bluetooth.
- B. Infrared.
- C. Radar.
- D. Radio wave.

32. The database model that uses tables with columns and rows is called

- A. hierarchical database.
- B. network database.
- C. relational database
- D. linear database.

33. Personalized form of letters which can be sent to many people can be achieved using

- A. macros.
- B. mail merge.
- C. query.
- D. template

34. The following are functions of database management system except

- A. backup and replication.
- B. format operation.
- C. rule enforcement.
- D. security of data.

35. Which of the following actions is not an animation in Microsoft PowerPoint?

- A. Dancing
- B. Emphasis
- C. Entrance
- D. Motion paths

36. Headers and footers are used in Microsoft Word documents to

- A. make large document more readable.
- B. allow text to appear at the top of the first page.
- C. enhance the overall appearance of the document.
- D. allow text to appear at the top and bottom of every page.

37. If today's date is 02/02/2008, what will be the result of typing "-today()-1" in a cell of a spreadsheet?

- A. 02/01/2008
- B. 13. 01/02/2009
- C. 01/02/2008
- D. 02/02/2007

38. The usage of the keys CTRL+ W in MS Word

- A. saves the current file.
- B. opens the print dialog box.
- C. closes the current document.
- D. updates the current web page.

39. Stored instructions and data in digital computer consist of

- A. alphabets.
- B. numerals.
- C. characters.
- D. bits.

40. During the booting process in Windows, the Master Boot Record is loaded by the

- A. BIOS
- B. GRUB.
- C. Init.
- D. Kernel.

41. A BIOS configuration program that allows a windows user to configure attributes such as password, time and date is called

- A. BIOS drivers.
- B. Bootstrap.
- C. CMOS setup.
- D. GRUB.

42. The speed of data transfer can be affected by the following factors except

- A. address bus width.
- B. broadband status.
- C. clock speed.
- D. data bus width.

43. The radix of hexadecimal number system is

- A. 2.
- B. 8.
- C. 10.
- D. 16.

44. Machine language instructions are expressed in

- A. ASCII.
- B. binary.
- C. EBCDIC.
- D. hexadecimal.

45. In binary, the decimal number 28 is represented as

- A. 1001_2
- B. 11001_2

C. 11011_2

D. 11100_2

46. A file organization in which the records are stored in the order in which they occur is called

- A. indexed file.
- B. random file.
- C. serial file.
- D. sequential file.

47. The following are effects of file insecurities except

- A. data overwriting.
- B. data loss.
- C. data use.
- D. file corruption.

48. The process of making copies of files which can be used to restore the original copy in the event of data loss is called file

- A. backup.
- B. organization.
- C. restoration.
- D. retrieval.

49. The act of translating data into a secret code is known as

- A. authentication
- B. authorization
- C. encryption
- D. piracy

50. Viruses. Worms and Trojan horses are regarded as

- A. application software
- B. malicious software
- C. utility software
- D. system software

ENSURE YOUR HANDWRITING IS NEAT, CLEAR & LEGIBLE

THEORY

Instruction: Answer 4 ONLY questions from section [40 marks]

1a. Define the term output device

1aii. State the four classes of hardware

1b. Give the two types of printers.

1ci. Construct a truth table for an AND gate with two input signals.

1cii. State the output of an OR gate with the signals 0 and 1

1d. list two types of an logic gate that gives an output of 1 when all of its input signals are 1

2022 WASSCE

3a. What are Report in a database system?

3b. List four ways in which Reports can be viewed in database management system

3c. Outline the steps to print a Report in MS Access

2021 WASSCE

2ai. what is Universal Serial Bus (USB)?

ii. State two benefits of USB connection between a computer and another device.

2b. In Table1, three storage devices are described, use it to answer **2bi** and **2bii** by ticking in any of the columns 3,4 or 5 and providing an example under the described storage device in column 2.

TABLE 1

S/N	1	2	3	4	5
			Category of storage device		
	Description of storage device	Name of storage device	Primary	Secondary	Offline
1.	Magnetic Storage medium which is composed of a thin flexible disk sealed in a square plastic carrier				
2	Optical media which uses one spiral track. Red lasers are used to read and write data on the media surface and it makes use of dual - layering technology to increase the storage capacity to cover 1GB				
3	Non-Volatile memory chip which contents cannot be altered. It is often used to store the start-up routines in a computer (e.g the BIOS)				

2021 WASSCE

4a Use appropriate labeled diagrams to illustrate the following network topologies.

i. Star topology

ii. Bus topology

iii. Ring topology.

4b. State one advantage of:

i. Star topology

ii. Bus topology

4c. Give one disadvantage of:

i. Bus topology

ii. Ring topology

2022 WASSCE

5ai. The Table below shows the actions performed by a company on its stored files.

ii. Give two types of charts in Microsoft Excel

5b.

S/N	ACTIONS	TICK
1	use of antivirus	
2	use of backup	
3	use of biometrics	
4	use of folder	
5	use of manual file	
6	use of password	

files

list two disadvantages of computer files as compared to manual files.

5ci. Define charts as its relates to Microsoft Excel

ii. Tick the actions that will ensure that the files are kept confidential and secure

2021 WASSCE