

REPUBLIQUE DU CAMEROUN
 République du Cameroun
 MINISTRE DE L'ENSEIGNEMENT
 SUPERIEUR
ITVE
 CENTRE D'APPLICATION
 PEDAGOGIQUE
 ANTI-MAT REGIONALE DU NORD OUEST
 BP 2183 MANKON SAMENDA
 TEL: 233 362 201
 Email: ftybamenda@yahoo.co.uk



REPUBLIC OF CAMEROON
 République du Cameroun
 MINISTRE DE L'ENSEIGNEMENT
 SECONDAIRE
 TEACHERS' RESOURCE UNIT
 REGIONAL BRANCH FOR THE
 NORTH WEST
 P.O. BOX 2183 MANKON SAMENDA
 TEL: 233 362 201
 Email: ftybamenda@yahoo.co.uk

MARCH 2020

The Teachers' Resource Unit and the Regional Inspectorate of Pedagogy, in collaboration with COSTA	SUBJECT CODE NUMBER 0595	PAPER NUMBER 1
GENERAL CERTIFICATE OF EDUCATION AND INTERMEDIATE TECHNICAL AND VOCATIONAL EDUCATION REGIONAL MOCK EXAMINATION	SUBJECT TITLE COMPUTER SCIENCE	
CANDIDATE NAME:	COMPUTER SCIENCE	
CANDIDATE NUMBER:		
CENTRE NUMBER:		
ORDINARY LEVEL	DATE Wednesday 18th March 2020 AFTERNOON	

Time Allowed: One and a half hours

INSTRUCTIONS TO CANDIDATES:

Mobile phones are **NOT ALLOWED** in the examination room.

- USE A SOFT HB PENCIL THROUGHOUT THIS EXAMINATION.
- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- Before the Examination begins:**
- Check that this question booklet is titled "Ordinary level -0595 code and subject title—COMPUTER SCIENCE -Paper 1"
- Insert the information required in the spaces above.
- Without opening the booklet, pull out the answer sheet carefully from inside the front cover of this booklet. Take care that you do not stain or fold the answer sheet or make any marks on it other than those asked for in these instructions.
- Insert the information required in the spaces provided on the answer sheet using your HB pencil.
- Candidate Name, Centre Number, Candidate Number, Subject Code Number, and Paper number**
- How to answer questions in this examination:**
- Answer ALL the 50 questions in this examination. All questions carry equal marks.
- Non-programmable calculators are allowed.
- For each question there are four suggested answers, A, B, C and D. Decide which answer is correct. Find the number of the question on the Answer Sheet and draw a horizontal line across the letter to join the square brackets for the answer you have chosen. For example, if C is your correct answer, mark C as shown below.
- [A] [B] [C] [D]
- Mark only one answer for each question. If you mark more than one answer, you will score zero for that question. If you change your mind about an answer, erase the first mark carefully, and then mark your new answer.
- Avoid spending much time on any question. If you find a question difficult, move to the next. You can come back to the question later.
- Do all rough work in this booklet using, where necessary, the blank spaces in the question booklet.
- You must not take this booklet and answer sheet out of the examination room. All question booklets and answer sheets will be collected at the end of the examination.**

1. Which of the following is an output device?
 - A. Optical character recognition
 - B. Barcode Readers
 - C. Magnetic Ink Character Reader
 - D. Plotters

2. What is used by the CPU of the computer to reduce the average time to access memory?
 - A. CPU Cache
 - B. Bios
 - C. Register
 - D. CPU Bus

3. The main memory of the computer is _____
 - A. Register
 - B. RAM
 - C. ROM
 - D. CACHE

4. Who invented the machine that gave the basis for the functioning of the modern computer system?
 - A. John Von Newmann
 - B. Blaise Pascal
 - C. John W. Mauchly
 - D. Charles Babbage

5. The computer generation with very large scale integrated circuit is _____
 - A. 1st generation
 - B. 3rd generation
 - C. 4th generation
 - D. 5th generation

6. Which part of the CPU is responsible to carry out logic operations?
 - A. Control unit
 - B. Registers
 - C. ALU
 - D. Cache

7. A field which uniquely identifies a record in a database table is referred to as _____
 - A. Super key
 - B. Foreign key
 - C. An attribute
 - D. Primary key

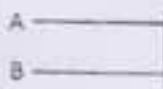
8. An information system that permits employees to perform tasks electronically using computers and other electronic devices in order to reduce paper work is _____
 - A. Management information system
 - B. Transaction processing system
 - C. Decision support system
 - D. Office automated system

9. Which is the order that best represents the correct functional principle of the computer system?
 - A. Input, storage, output, processing
 - B. Input, processing, storage, output
 - C. Processing, output, input, storage
 - D. Input, output, processing, storage

10. One aspect that makes computer technology and IT to always meet our present day needs is _____
 - A. Upgrade
 - B. Update
 - C. Repairs
 - D. Artificial Intelligence

11. Which of the following is the fastest medium of data transfer?
 - A. Optic fibre cable
 - B. Coaxial Cable
 - C. Twisted pair Cable
 - D. Telephone lines

Question 12 and 13 concerns the diagram below



12. Which logic gate does the diagram above represent?
 - A. OR Gate
 - B. NAND Gate
 - C. AND Gate
 - D. NOR Gate

13. The expression for the output is _____
 - A. A+B
 - B. AB
 - C. A+B
 - D. A+B

14. 1010_2 to Decimal is _____
 - A. 100_{10}
 - B. 100_7
 - C. 11_{10}
 - D. 10_{10}

$$\begin{array}{r}
 2^3 \quad 2^2 \quad 2^1 \quad 2^0 \\
 1010 \\
 \times 2^3 + \times 2^1 \\
 \hline
 8 + 2 \\
 = 10
 \end{array}$$

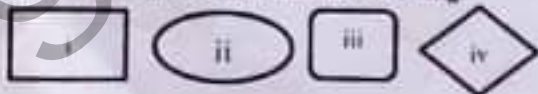
15. Data type that can take only one of two possible values at any time is _____
 - A. Boolean Type
 - B. Integer Type
 - C. Real Type
 - D. Character type

16. The proper disposal of electronic waste to prevent pollution of the environment is known as _____
 - A. Electronic waste management
 - B. Green computing
 - C. Line Environmental protection
 - D. Proper waste management techniques

17. A typical Algorithms should be _____
 - A. Ambiguous
 - B. Infinite
 - C. Effective
 - D. Is explicit

18. Which of the following is not high level language?
 A. HTML
 B. C++
 C. COBOL
 D. Assembly Language
19. A user interface that permits the user to interact with the computer using icons is called _____
 A. Command line interface
 B. Graphical user interface
 C. Computer desktop
 D. Operating system
20. MPEG for digital Audio and Video compression stands for _____
 A. My Picture Expert Group
 B. Moving picture Experts Group
 C. Make Picture Expression Great
 D. Moving Picture Expression Group
21. The application software that is best for producing News papers is _____
 A. MS Access
 B. MS Word
 C. Desktop publishing software
 D. MS Excel
22. The Maximum number of bits transferred per second in a transmission medium is called _____
 A. Baud
 B. Band Width
 C. Byte
 D. Bit
23. What type of user interface does MS DOS have?
 A. Graphical User Interface
 B. Command-Driven User Interface
 C. Menu Driven User Interface
 D. Type-Mode Interface
24. The language that the computer understands without any interpretation is _____
 A. Programming language
 B. Assembly language
 C. Low Level language
 D. High Level language
25. Printers that print by striking the paper with hammer-like arms similar to that of a typewriter are called _____
 A. Non-impact printers
 B. Line Printers
 C. Impact printers
 D. Character printers

Questions 26, 27 and 28 concerns the following



26. When an algorithm is represented using the above symbols the diagram is called _____

- A. Structured Algorithm
 B. Flow Chart
 C. Data Flow Diagram
 D. Software Diagram
27. Figure number (iii) represents _____
 A. Connector
 B. Process
 C. Terminator
 D. Decision
28. Figure number iv represents _____
 A. Input/Output
 B. Decision
 C. Connector
 D. Terminator
29. The resolution of a flat screen monitor is measured in _____
 A. Pixels
 B. Pictures per inch
 C. Dots per inch
 D. Aspect Ratio
30. Data communication that occurs in one and only one direction is called _____
 A. Full Duplex
 B. Half Duplex
 C. Self Duplex
 D. Simplex
31. Data in an organization's network can be protected from unwanted users by _____
 A. The use of Passwords
 B. Constructing a strong Fence round the company
 C. Encrypting the data
 D. The use of firewall
32. Which of the following is not an example of a satellite communication system _____
 A. TV communication
 B. Optic fibre
 C. Mobile telephone communication
 D. GPS(Global Positioning System)
33. To query a database means to _____
 A. gain access to the database
 B. correct data from the database
 C. create the database
 D. request data from database
34. The file extension for an executable program file is _____
 A. .exe
 B. .com
 C. .txt
 D. .doc

35. One disadvantage of the internet is the possibility of _____
 A. Exposure to a variety of information
 B. Many chat forums
 C. Data and personal information theft
 D. Easy access to research

36. The bus which specifies which memory location the processor wishes to communicate with is ____
- A. Data bus
 - B. Control bus
 - C. Universal serial bus
 - D. Address bus
-
37. Tertiary storage is usually responsible for the storage of very large amounts of information. An example of a tertiary storage is ____
- A. CD-ROMS
 - B. Tape libraries
 - C. External Hard disk
 - D. Flash drives
-
38. One of the reasons we should study computer ethics is to ____
- A. Increase our knowledge of computers
 - B. To create good computer applications
 - C. To organize data in the computer
 - D. Limit the level of computer crimes
-
39. Data lost from a computer system can be recovered through ____
- A. Downloading from the internet
 - B. Installing anti virus
 - C. Using backups
 - D. Protecting the computer from anything that can cause data loss
-
40. At which level of a system development life cycle is the identification of problems as well as the prediction of the potential problems that may arise in the system done?
- A. System analysis
 - B. System design
 - C. Testing
 - D. Implementation
-
41. Proper project management is intended to ____
- A. assure that the project is completed
 - B. achieve all project goals and objectives within a given time
 - C. evaluate the project
 - D. determine the timing of the project
-
42. Making a copy of a copyrighted software without authorization is known as ____
- A. Spamming
 - B. Sharing
 - C. Scamming
 - D. Piracy
-
43. Software that converts a program one statement at a time into machine language just before the statement is executed is called a ____
- A. Compiler
 - B. Debugger
 - C. Interpreter
 - D. Assembler
-
44. The branch of computer science that deals with the creation of robots is known as ____
- A. Robotics
 - B. Virtual programming
 - C. Artificial intelligence
 - D. Engineering work bench
-
45. People who manage and control the development of information systems are referred to as ____
- A. Users
 - B. Programmers
 - C. System analysts
 - D. Clients
-
46. The code for representing alphanumeric and special printable and control character for data communication is ____
- A. BCD
 - B. UNICODE
 - C. EBCDIC
 - D. ASCII
-
47. Performing two or more tasks by separate processors having access to a common memory is known as ____
- A. Multitasking
 - B. Multiprogramming
 - C. Multiprocessing
 - D. Multithreading
-
48. A computer system that responds immediately to an input process without delay is known as ____
- A. Real time systems
 - B. Inter active systems
 - C. Embedded systems
 - D. Hybrid system
-
49. Which of the following is not an example of a wireless technology?
- A. Infra red
 - B. Bluetooth
 - C. Satellite
 - D. Optic fiber
-
50. The use of parity bit check is to ____
- A. Ensure that data has been transmitted accurately
 - B. Ensure that data arrives its destination correctly
 - C. Check for duplication of data
 - D. Ensure data consistency

STOP, NOW GO BACK AND CHECK YOUR WORK