

CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD

General Certificate of Education Examination

0595 COMPUTER SCIENCE 1

JUNE 2017

ORDINARY LEVEL

Centre Number	
Centre Name	
Candidate Identification No.	
Candidate Name	

Mobile phones are NOT allowed in the examination room.

MULTIPLE CHOICE QUESTION PAPER

One and half hours

INSTRUCTIONS TO CANDIDATES

Read the following instructions carefully before you start answering the questions in this paper. Make sure you have a soft HB pencil and an eraser for this examination.

1. USE A SOFT HB PENCIL THROUGHOUT THE EXAMINATION.
2. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Before the examination begins:

3. Check that this question booklets headed "0595 Computer Science 1 - Ordinary Level"
4. Fill in the information required in the spaces above.
5. Fill in the information required in the spaces provided on the answer sheet using your HB pencil:
Candidate Name, Exam Session, Subject Code and Candidate Identification Number.
Take care that you do not crease or fold the answer sheet or make any marks on it other than those asked for in these instructions:

How to answer the questions in this examination

6. Answer ALL the 50 questions in this Examination. All questions carry equal marks.
7. Each question has FOUR suggested answers: A, B, C and D. Decide on which answer is appropriate. 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]
8. Mark only one answer for each question. If you mark more than one answer, you will score a zero for that question. If you change your mind about an answer, erase the first mark carefully, then mark your new answer.
9. Avoid spending too much time on any one question. If you find a question difficult, move on to the next question. You can come back to this question later.
10. Do all rough work in this booklet using the blank spaces in the question booklet.
11. At the end of the examination, the invigilator shall collect the answer sheet first and then the question booklet. DO NOT ATTEMPT TO LEAVE THE EXAMINATION HALL WITH ANY.

Turn Over

1. The generation of computers used valves.
A first
B second
C third
D fourth
2. Which is the odd one out below?
A Monitor
B Compiler
C Keyboard
D Printer
3. Given that a computer uses one byte to represent a character, how many bits are used to represent 20 characters?
A 160
B 20
C 1600
D 200
4. The responsibility of a _____ is to coordinate the development of an information system.
A maintenance technician
B Programmer
C systems analyst
D System Administrator
5. Which of the following gates is represented by the symbol on the right?
A AND gate
B OR gate
C NOR gate
D NOT gate
6. Desktop computers are examples of
A Minicomputers
B Microcomputers
C Supercomputers
D Mainframe computers
7. The type of computer that does most of the work in a weather forecasting organization is most likely to be a ____
A Workstation
B Minicomputer
C Mainframe computer
D Supercomputer
8. A scanner is an example of a(an)
A optical device
B output device
C processing device
D storage device
9. When using a command line interface, the signal indicating that the computer is waiting for input from the user is known as a (an)
A Event
B Prompt
C Interrupt
D Delay
10. Which one of the following copies itself into memory or external storage device until no more space is left?
A Trojan horse
B Worm
C Antivirus software
D Crawler
11. Which one of the following is/are not part of the CPU?
A Control unit
B ALU
C Registers
D RAM
12. The term Green Computing refers to the use of computers and resources:
A In green revolution.
B To generate green house gases.
C In an environmentally friendly way.
D In printing on green paper.
13. A key difference between the first and second generation of electronic computers is:
A Transistors replaced electronic circuits.
B Transistors replaced vacuum tubes.
C Vacuum tubes replaced transistors.
D Vacuum tubes replaced integrated circuits.
14. A set of computers in an office building are connected together so that staff can share files, printers and other resources. What is this arrangement of computers called?
A WAN
B LAN
C WWW
D PAN



15. Which of the following is the correct name

for the screen image shown below:

File Edit Format View Help

- A Title Bar.
- B File bar.
- C Tool Bar.
- D Menu Bar.

16. If the binary code for letter A is 01000001, then the binary code for letter C

- is
- A 01000111
- B 01000011
- C 01001101
- D 01000101

17. Which of the following is NOT a feature of electronic commerce?

- A Goods can be advertised and prices compared.
- B There is physical contact. between buyer and seller.
- C Transactions can be processed quickly.
- D Services are available 24 hours a day.

18. A company decides to introduce a new information system into three of its stores initially, and then three additional stores each fortnight until all stores have the new system. This approach to introducing the new system is referred as:

- A parallel conversion.
- B phased conversion.
- C direct conversion.
- D pilot conversion.

19. The processing type that groups several transactions is

- A Real-time.
- B Batch.
- C Online.
- D Offline

20. During data transmission over a standard telephone line, digital signals are converted into analogue signals in the:

- A Source modem.
- B Destination modem.
- C Cable linking the source computer to the source modem.
- D Cable linking the destination to the destination modem.

21. Commonly used object oriented languages are:

- A C and Pascal.
- B C++ and Fortran.
- C C++ and Java.
- D Java and C.

22. Software that translates assembly language into machine language program is a (an):

- A Compiler.
- B Assembler.
- C Linker.
- D Editor.

23. MIS stands for

- A Management Information System
- B Management Information Simulation.
- C Multiple Integrated System.
- D Model Information Simulation.

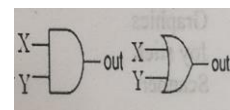
24. Assuming that TRUE is equivalent to 1, and FALSE to 0, the truth table below is for the _____ gate.

- A NOT
- B OR.
- C AND
- D XOR

INPUTS		OUTPUT
X	Y	out
0	0	0
0	1	1
1	0	1
1	1	1

25. The given logic gates, from left to right are:

- A AND & OR
- B OR & AND
- C AND & NO
- D NOT & OR



26. The term Constant as used in computer programming means.

- A A function whose value does not change
- B An identifier whose value is not allowed to change
- C A variable that is used across the whole code.
- D A value that is used frequently

27. Which printer uses a combination of light beam and electro photographic techniques?

- A Dot matrix printer
- B Daisy wheel printer
- C Line printer
- D Laser printer

28. The Internet is a gigantic network but the World Wide Web is a (an)
 A Gigantic database
 B Gigantic Interconnection of computers
 C Service that lets users access a gigantic collection of documents.
 D Internet protocol.
-
29. A set of instructions that a computer executes is called?
 A An application
 B A program
 C An algorithm
 D A software
-
30. What name is given to the separate pages of a spreadsheet?
 A Workbooks
 B Workpages
 C Workspaces
 D Worksheets
-
31. A lag in project management is a delay between tasks:
 A a predecessor and a successor
 B two predecessor
 C two successor
 D two dummy
-
32. Which of these devices is used to read printed material into a computer?
 A Light pen
 B Graphics
 C Joy stick
 D Scanner
-
33. In a system in which 1 means TRUE and 0 means FALSE, what is the result of $1 + T$?
 A 2
 B 10
 C 1
 D 0
-
34. The number of bits a CPU processes each time is called a
 A Nibble
 B Word
 C Thread
 D Megabyte
-
35. The main input device required by a command line interface is:
 A Keyboard.
 B Mouse.
 C Microphone.
 D Joysticks.
-
36. Which one of the following protocols is used to manage the transfer of Web pages?
 A FTP.
 B HTTP.
 C SMTP.
 D TCP/IP
-
37. Which of the following programming languages requires the use of an interpreter?
 A C
 B Pascal
 C HTML
 D Machine language
-
38. Which of the following data types is most appropriate to represent the averages of numbers?
 A Integer
 B String
 C Real
 D Boolean
-
39. Data saved on a magnetic tape can be accessed
 A Randomly
 B Sequentially
 C Serially
 D Directly
-
40. A transmission mode that allows data to move in both directions at the same time is called _____ transmission.
 A Half-duplex transmission
 B Full-duplex transmission
 C Simplex transmission
 D Synchronous transmission
-
41. In a certain computer laboratory, the server is placed at one corner of the room and connected directly to each of the other computers through a switch. This is an example of a _____ topology.
 A star
 B bus
 C peer-to-peer
 D ring

42. What name is given to a program that provides synonyms?

- A Dictionary
- B Thesaurus
- C Editor
- D Compiler

43. A well-designed database of employees in a company would place all the information for single employee in:

- A a table
- B a field
- C a record
- D a cell

44. The preliminary investigation of an information system project is known as:

- A system analysis
- B system design
- C documentation
- D feasibility study

45. An English-like language that can be used in program design is?

- A BASIC
- B COBOL
- C PASCAL
- D Pseudocode

46. In programming, the programmer simply states what needs to be done, and the system figures out how to do it.

- A Object oriented
- B Procedural
- C Declarative
- D Imperative

47. A mechanism to protect private networks from outside attacks is?

- A Antivirus
- B Encryption
- C Firewall
- D Lightning conductors

48. Which of the following is most likely when computers are introduced in the workplace?

- A There is a lot of laissez faire
 - B The rate of corruption increases
 - C Demand for computer expertise increases
 - D People become less reliable
-

49. The efficiency of an algorithm can be measured in terms of :

- A Correctness
- B Clarity
- C Precision
- D Execution time.

50. How many bytes are required to encode 32 different bits?

- A 32
- B 8
- C 5
- D 4

STOP

GO BACK AND CHECK YOUR WORK