29. The fastest and most powerful computer category is:
   A   personal computer
   B   mini computer
   C   mainframe computer
   D   super computer

30. Which protocol below is used to transfer files between computers on the Internet?
   A   FTP
   B   HTTP
   C   IP
   D   TCP

31. Which of the following is NOT a method of data validation?
   A   Proof reading
   B   Check digits
   C   Length checks
   D   Type checks

32. The semantics of program statements has to do with their
   A   Structure
   B   Efficiency
   C   Meaning
   D   Length

33. One gigabyte is equivalent to: _____
   A   1024 Bytes
   B   1024 Kilobytes
   C   1024 Megabytes
   D   1024 Terabytes

34. An ink-jet printer is an example of a (an):
   A   Laser printer
   B   Impact printer
   C   Non-impact printer
   D   LCD printer

35. The term multimedia refers to:
   A   Any combination of text, graphics, video, sound in the same document
   B   A computer laboratory with access to the Internet
   C   The use of tele-device to send text messages, pictures and sound.
   D   A school that has a computer laboratory with computers scanners and internet

36. A transmission mode that allows data to move in one direction only is called _____ transmission.
   A   half-duplex
   B   full-duplex
   C   simplex
   D   duplex

37. The process of converting from digital signals to analogue signals for the purpose of data communication is called:
   A   Modulation
   B   Demodulation
   C   Line switching
   D   Multiplexing

38. Which of the following storage devices has the fastest access speed?
   A   RAM
   B   ROM
   C   Cache Memory
   D   Hard Disk.

39. Popular imperative languages are:
   A   C. Pascal.
   B   C++, Fortran.
   C   C++, Java.
   D   Java, C.

40. ISP stands for:
   A   Internet Serial Port
   B   Internet Switching Protocol
   C   Internet Service Provider
   D   Internet switching point.

41. A hardware or software device used to restrict access to data in a network is a(n):
   A   Spam filter
   B   Antivirus
   C   Extranet
   D   Firewall

42. Software is said to be open source if:
   A   Its license specifies free usage and Modification.
   B   It has no license.
   C   Its source code can be accessed easily by users.
   D   It can be distributed freely.

43. In computer science, _____ is a well defined step by step method or procedure for solving a problem.
   A   a syntax
   B   an algorithm
   C   an instruction
   D   a solution

44. EIS stands for:
   A   Electronic Information System
   B   Essential Information System
   C   Executive Information System
   D   Essential Intergrated Software.

45. The truth table below is for the _____ gate.

A	NOT
B	OR
C	AND
D	XOR

INPUT	OUTPUT
X	out
0	1
1	0

46. _____ is the protocol that governs movement of data on the Internet.
   A   HTML
   B   Telnet
   C   TCP/IP
   D   XML

47. An operating system that runs on a single computer and can accommodate different users at the same time is a:
   A   single-user operating system.
   B   multi-user operating system.
   C   disk operating system.
   D   peer to peer operating system.

48. Which of the following data types can have only two possible values?
   A   Text.
   B   Date.
   C   Number.
   D   Boolean.

49. Which of the following is a good password policy for an organization? Passwords should:
   A   Be very long.
   B   Never be changed.
   C   Comprise about seven or eight characters that users can easily remember.
   D   Be written and kept in a secret place in case the user forgets the password.

50. A ticket seller checks and allocates seats, then prints tickets for customers. What type of information system is the ticket seller using?
   A   A data automation system.
   B   A management information system.
   C   An expert system.
   D   A transaction processing system.

STOP

NOW GO BACK AND CHECK YOUR WORK

CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD
General Certificate of Education Examination

595 COMPUTER SCIENCE 1

JUNE 2015   ORDINARY LEVEL

Centre Number	
Centre Name	
Candidate Number	
Candidate Name	

Mobile phones are NOT allowed in the examination room.

MULTIPLE CHOICE QUESTION PAPER

One and a 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 booklet is headed "**Ordinary Level   595 Computer Science 1**"
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 and Number, Center Number and Name.
      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.
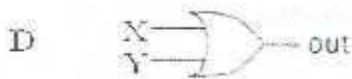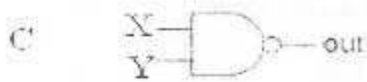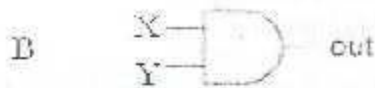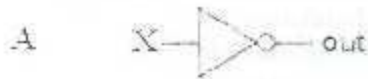
How to answer the questions in this examination
6.   Answer ALL the 50 questions in this Examination. All questions carry equal marks.
7.   Each question has FOUR suggested answers: **A, B, C** and **D.** Decide on which answer is correct. Find the number of the question on the Answer Sheet and draw 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]

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, where necessary, 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 after. DO NO ATTEMPT TO LEAVE THE EXAMINATION HALL WITH IT.**

1. Which one of the following is the largest computer network?
   - A World Wide Web
   - B Extranet
   - C Internet
   - D Wide area network

2. Which is the odd item below?
   - A Microsoft Office
   - B Linux
   - C Unix
   - D Microsoft Windows

3. _____ is the process of making a file available on a computer in a network so that others can have access to it from their own computers.
   - A Downloading
   - B Uploading
   - C Upgrading
   - D Updating

4. What does the abbreviation EBCDIC stand for?
   - A Extended Binary Coded Decimal Interchange Code
   - B External Binary Coded Digital Interchange Code
   - C External Binary Coded Decimal Information Code
   - D Extended Binary Coded Digital Information Code

5. _____ is an image file extension.
   - A .DOC
   - B .PDF
   - C .GIF
   - D .XLS

6. The truth table on the right is for the _____ gate.
   - A AND
   - B OR
   - C NOR
   - D NAND

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

7. Which of the following is similar to a calculator keypad?
   - A Functional keypad
   - B Alphanumeric keypad
   - C Numeric keypad
   - D On-screen keyboard

8. A bar code reader is an example of a (an)
   - A input device
   - B output device
   - C processing device
   - D storage device

9. The process of loading an operating system into a PC memory is known as
   - A Booting
   - B Uploading
   - C Prompting
   - D OIT- loading

10. Which one of the following destroys or corrupts data?
    - A Virus
    - B Worm
    - C Antivirus software
    - D Trojan horse

11. Memory capacity may be expressed in _____.
    - A Microseconds
    - B Megahertz
    - C Megabytes
    - D bits/cycle

12. What name is used to describe the rules that govern usage of programming language statements?
    - A Logic
    - B Protocols
    - C Compiler
    - D Syntax

13. Simplify the expression 11001 + 1111 in the binary system.
    - A 101000
    - B 111000
    - C 100100
    - D 111011

14. Which of the following is a correct spreadsheet formula to multiply 25 by 3?
    - A =(25).(3)
    - B =25*3
    - C =25x3
    - D =(25)(3)

15. Which of the following is NOT a requirement for algorithms?
    - A It executes in finite time
    - B It is effective
    - C It eventually terminates
    - D It is written in English

16. Which one of the following symbols represents an AND gate?

A

B

C

D

17. In a client-server network
   A The server responds to the request of the client.
   B The server initiates communication with the client
   C The client provides resources for the server
   D Both the server and the client can provide resources as need arises

18. Ten seconds is equal to _____ nanoseconds.
   A 10^{13}
   B 10^{11}
   C 10^{9}
   D 10^{10}

19. A document produced to show that a project is technically possible and worth the cost of development is the:
   A   Feasibility report
   B   Analysis report
   C   Evaluation report
   D   Profit and loss account

20. The binary equivalent of the octal number 211 is
   A   11101101
   B   10110111
   C   10001001
   D   11110010

21. The term multiprogramming refers to the ability to:
   A Have many programs installed on a Computer.
   B Program many computers at a time.
   C Use many computer programs.
   D Run many computer programs at a time.

22. Examples of hardware that produce softcopy output are?
   A   Speaker and monitor
   B   Monitor and printer
   C   Microphone and speaker
   D   Printer and microphone

23. A feature that automatically moves the cursor to the next line when the current line is full is:
   A   Scrolling
   B   Word wrap
   C   Search and replace
   D   Screen adjust

24. A _____ is used to retrieve specific information from a database
   A   data dictionary
   B   query
   C   report generator
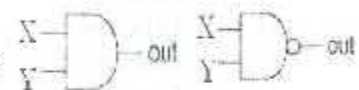   D   form

25. The given logic gates from left to right, are:
   A AND & OR
   B OR & AND
   C AND & NAND
   D NOR & NAND

26. People who coordinate the development of an information system are referred to as _____ .
   A   System users
   B   System programmers
   C   Systems analysts
   D   Systems administrators

27. In _____ programming, both data and the instructions that use the data are handled in the same unit.
   A   Object-oriented
   B   Procedural
   C   Declarative
   D   Imperative

28. Which of the following is NOT true about a hard disk?
   A   It is a secondary storage device.
   B   It sends and receives data through an I/O bus.
   C   It retains data when the computer is switched off.
   D   It uses optical techniques to store data.