REPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie

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REPUBLIC OF CAMEROON
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MINISTRY OF SECONDARY EDUCATION

TEACHERS' RESOURCE UNIT
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MAY 2017

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 REGIONAL MOCK EXAMINATION	SUBJECT TITLE **COMPUTERSCIENCE**	
CANDIDATE NAME: …… CANDIDATE NUMBER: ……. CENTRE NUMBER: ……		
ORDINARY LEVEL	DATE **Friday 12th May 2017 AFTERNOON**	

Time Allowed: One and a half hours

INSTRUCTIONS TO CANDIDATES:

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

1. USE A SOFT HB PENCIL THROUGHOUT THIS 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 –1595 code and subject title—Computer Science -Paper 1".
4. Insert the information required in the spaces above.
5. Without opening the booklet, pull out the answer sheet carefully from inside the front cover of this booklet. 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.
6. 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:

7. Answer ALL the 50 questions in this examination. All questions carry equal marks.
8. Non-programmable calculators are allowed.
9. 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]**

10. .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.
11. Avoid spending much time on any question. If you find a question difficult, move to the next question. You can come back to this question later.
12. Do all rough work in this booklet using, where necessary, the blank spaces in the question booklet.
13. **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.**

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1. Mr. Awa needs to save data worth 500GB in his laptop which he is intending to buy. Which of the feature should he consider before buying the laptop?
   A. RAM
   B. Processor
   C. Hard disk
   D. ROM

2. Network cables are used to link two distant areas but the signal quality is poor. Which network device can be used to amplify the signal that the quality becomes good?
   A. Router
   B. Switch
   C. Repeater
   D. Hub

3. Which of the following device is used to mark MCQ paper I in the GCE.
   A. OMR
   B. Barcode reader
   C. OCR
   D. MICR

4. _____is **NOT** an example of a file extension.
   A. .xls
   B. .wma
   C. .png
   D. .dos

5. Mrs. Saraphine needs to make a decision whether to go to work when rain is falling. Which symbol will she use in case she wants to represent it in a flow chart.
   A.
   B.
   C.
   D.

6. Which technology is concerned with the second generation of computer system
   A. Vacuum tube
   B. Integrated circuit
   C. Transistor
   D. Nano technology

7. Which technology is used in a CDROM Drive?
   A. Mechanical
   B. Electromechanical
   C. Optical
   D. Fiber Optical

8. Which of the following is a low level language?
   A. Assembly
   B. Visual Basic
   C. Java
   D. C++

9. Data is represented in the computer system in the form of _____
   A. 2 and 3
   B. 0 and 1
   C. 4 and 5
   D. All of the above

10. A secondary school needs to come up with its own website, which person should the school contact for this task.
    A. Programmer
    B. Web engineer
    C. Software engineer
    D. Network engineer

11. What type of data control is involved when Mr. Chi types his password twice when creating his email before proceeding
    A. Presence check
    B. Double entry
    C. Proof reading
    D. Range check

12. If the binary code 01100011 is equivalent to 63, what is the equivalent of 01100101
    A. 61
    B. 65
    C. 64
    D. 62

13. Which component of the central processing unit is responsible for executing all arithmetic and logical operation
    A. ALU
    B. Control unit
    C. Register
    D. Memory

14. _____is **NOT** an example of an automatic input device
    A. MICR
    B. OCR
    C. Barcode reader
    D. Keyboard

15. The concentric circle around the spindle of a platter of a hard disk is known as
    A. Track
    B. Sectors
    C. Cylinder
    D. Clusters

16. Which type of ROM permits its contenmt to be programmed and erased using special electrical impulses
    A. PROM
    B. EEPROM
    C. EPROM
    D. EEEPROM

17. An example of a utility software is
    A. MS Excel
    B. Operating System
    C. Tailor-made software
    D. Antivirus

18. _____ is a software offered free of charge for a trial period but the user need to pay for it at the end of the trial period to purchase it
    A. Shareware
    B. Freeware

C. Software
D. Trialware

19. _____ is a program that converts and executes instructions one line at a time
A. Linker
B. Compiler
C. Loader
D. Interpreter

20. _____ is used to combine object codes modules together to make a complete program
A. Linker
B. Bridge
C. Connector
D. Debugger

21. In an information system organizational pyramid structure, which of the management skill is found at the top
A. Tactical
B. Operational
C. Strategical
D. Technical

22. In MS EXCEL, in order to write a formula in the formula bar, always begin with _____ sign
A. =
B. -
C. &
D. ( )

23. A Personal Computer (PC) is a …….. Computer.
A. Super
B. Main Frame
C. Mini
D. Micro

24. Which type of data communication exist in radio communication ?
A. Full duplex
B. Simplex
C. Half-simplex
D. Half-duplex

25. Which of the following units is used for measuring computer speed?
A. Bits
B. Bytes
C. Hertz
D. Meters per second

26. What is the name of the largest electronic circuit in a microcomputer?
A. Video board
B. Graphic board
C. Motherboard
D. Central processing Unit

27. Which of the following devices is best suited for producing drawing such as maps and curves?
A. Printers
B. Scanners
C. Plotters
D. Speakers

28. Which of the following does **NOT** exist as a module in MS ACCESS
A. Form
B. Query
C. Graph
D. Table

29. Which of the following application software is generally used as a tool for presentation in conferences
A. MS Powerpoint
B. MS Excel
C. MS ACCESS
D. MS Publisher

30. The rectangular block that gives rise to images on screen is generally referred to as____
A. Pixels
B. Icons
C. Menu
D. Pointer

31. The protocol use to dynamical assign IP address is known as
A. DHCP
B. DNS
C. TCP
D. DCP

32. The full acronym of ISP
A. Internet Serial Provider
B. Intranet Service Provider
C. Internet Service Provider
D. Internet Service Provision

33. _____ is **NOT** an example of a telecommunication company in Cameroon
A. MTN
B. ORANGE
C. NEXUS
D. NEXXTEL

34. _____ protects the computer from computer viruses
A. Password
B. Firewall
C. Encrypting
D. Antivirus

35. Which of the following is an example of validation check
A. Presence check
B. Proof reading check
C. Double entry checks
D. Piracy check

36. The network topology in which each computer **must** be linked to all the other computers in a network is known as
A. Ring
B. Full mesh
C. Partial mesh
D. Star

37. Which of the following is **NOT** an Operating system
A. LINUX
B. Office
C. Windows

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D. UNIX

38. The first step in the systems development life cycle (SDLC) is:
    A. Analysis
    B. Design
    C. Preliminary investigation
    D. Development and Documentation.

39. What is computer ethics?
    A. An honest, moral code that should be followed when on the computer
    B. A computer program about honesty
    C. A computer that fits on or under a desk
    D. A list of commandments in the Bible

40. The process to properly define the database tables to provide flexibility, minimize redundancy, and ensure data integrity is called:
    A. Class diagram
    B. Data normalization
    C. Database design
    D. Design rationalization

41. How are data organized in a spreadsheet?
    A. Lines and spaces
    B. Layers and planes
    C. Rows and columns
    D. Height and width

42. The relational model uses some unfamiliar terminology. A tuple is equivalent to a:
    A. Record
    B. Field
    C. File
    D. Data base

43. _____is an operating system that can run many tasks at a time
    A. Multi-task OS
    B. Multi-User OS
    C. Mono-task OS
    D. Mono-user OS

44. Which of the following device is used to produce soft copy
    A. Printer
    B. Speaker
    C. Scanner
    D. OMR

45. The exclusive right granted to someone for and invention or discovery that was not copied
    A. Copyright
    B. Legislation
    C. Ethics
    D. Patent

46. The science of designing, manufacturing, using and disposing of computing devices to reduce effects on environment is known as
    A. Green computing
    B. Ergonomics
    C. Ethics
    D. Recycling

47. In file extension, the data file name and the file extension is separated by which symbol
    A. .
    B. ,
    C. ;
    D. :

48. Which of the following part is not attached directly to the motherboard
    A. CMOS battery
    B. Processor
    C. Flash drive
    D. RAM

49. In an information system, which component deals with the description of how things are done, given the steps for the accomplishment
    A. Software
    B. Hardware
    C. Procedure
    D. People

50. The line(s) of code(s) that is not executed in the running of a program is known as
    A. Statement
    B. Variable
    C. Comment
    D. Constant