CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD

General Certificate of Education Examination / Technical and Vocational Education Examination

0595 COMPUTER SCIENCE 1

JUNE 2020   **ORDINARY LEVEL / INTERMEDIATE LEVELS**

Centre Number	GCE REVISION
Centre Name	
Candidate Identification No.	http://www.gcerevision.com
Candidate Name	

Mobile phones and Calculators 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 / Intermediate Levels – 0595 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, 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 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 IT.**

_____ Turn Over

4-/0595/1/B/MCQ

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1. Transmission of signals between the monitor and the system unit is done through the:
   A parallel cable.
   B power cable.
   C video cable.
   D digital cable.

2. The equivalence of the number 1001000001_2 in the octal scale is:
   A 1101.
   B 441.
   C 373.
   D 41.

3. A(n)_____ is software used to create and modify text files.
   A binary file editor.
   B equation editor.
   C text editor.
   D file editor.

4. A system installed in a factory turns on a heater if the temperature drops below 0°C and turns on a cooler if the temperature rises above 30°C. This is an example of a:
   A monitoring system.
   B control system.
   C relay system.
   D regulatory system.

5. The spreadsheet cell range **C2:E7** has _____ cells.
   A 6
   B 7
   C 18
   D 21

6. At what stage in the system development life cycle is a decision made on what type of Input methods to use?
   A Analysis.
   B Design.
   C Implementation.
   D Maintenance.

7. The rate of data is transmission along a data path is measured in:
   A bits per cycle.
   B bits per second.
   C cycles per second.
   D micro seconds.

8. Which one of the following is in the correct order in the machine instruction cycle?
   A Decode - execute - fetch.
   B Decode - fetch - execute.
   C Fetch - execute - decode.
   D Fetch - decode - execute.

9. What is an email mailbox?
   A A folder/directory in an email server that holds all user's messages.
   B A computer that stores all user's email messages.
   C A folder/directory in an email server that holds a particular user's messages.
   D A folder/directory in the user's computer into which his/her email messages are downloaded.

10. A company uses 'what-if-analysis' as a guide to business management. This is an example of:
    A monitoring.
    B modeling.
    C simulation.
    D control.

11. A measure that will protect files against accidental damage is:
    A access privileges.
    B backup.
    C passwords.
    D encryption.

12. _____ is a network topology in which each network device is connected to a main cable.
    A Star
    B Mesh
    C Bus
    D Tree

13. Software that can be used to improve the performance of a computer system is:
    A Desktop publishing software.
    B Programming software.
    C Bespoke software.
    D utility software.

14. There are _____ nibbles in 2 bytes.
    A 4
    B 8
    C 16
    D 32

15. The term softcopy is best described as:
    A electronic copy.
    B computer output.
    C photocopy.
    D soft paper copy.

16. Modification on an installed system is done at _____ stage of the system life cycle.
    A feasibility
    B analysis
    C maintenance
    D design

Go on to the next page

17. A device that selects the best path for a data packet from one network to another is:
A switch.
B bridge.
C router.
D hub.

18. The abbreviation ASCII stands for:
A American Standard Commission for Information Interchange.
B American Standard Code for Information Interchange.
C American Storage Code for Information Interchange.
D American Storage Code for Internal Interchange.

19. Which one of the following features can be used in a biometric system?
A Height.
B Fingerprint.
C Blood pressure.
D Weight.

20. The set of rules that govern the transmission of data across a network is called:
A topology.
B protocol.
C controller.
D transceiver.

21. The attribute of software stating that it does not waste resources when running is referred to as:
A portability.
B reliability.
C efficiency.
D usability.

22. Convert 50milliseconds to seconds _____
A $\frac{1}{200}$
B $\frac{1}{20}$
C 20.
D 200.

23. Software is referred to as free and open source if it has:
A No commercial license and cannot be altered.
B A commercial license and can be altered.
C No commercial license and can be altered.
D A commercial license and cannot be altered.

24. Sending a file from your computer to a server is referred to as:
A downloading.
B reading.
C writing.
D uploading.

25. _____ is a technology that can be used to locate an elephant remotely in a forest.
A Geographic Information System
B Location Information System
C Transmitter
D Geographic positioning system

26. Communication on cell phone is an example of _____ communication.
A multiplex
B simplex
C half duplex
D full duplex

27. The binary code for ASCII characterbis,01100010. What is the binary code for ASCII character **d**?
A 01101101.
B 01101010.
C 01101100.
D 01100100.

28. In a typical Client-Server network:
A the server computer initiates all communication.
B the client computer makes request for resources.
C the server computer makes request for resources.
D the client computer provides needed resources.

29. The abbreviation FTP stands for:
A File Transfer Protection.
B File Transfer Protocol.
C File Transmission Protection.
D File Transferable Protocol.

30. One of the functions of an operating system in a computer is to manage processes. The term process refers to a:
A program stored in the hard disk.
B program loaded in main memory.
C program executing in the CPU.
D compiled program ready for running.

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31. The HTML open and close tags <ul> --- are used to generate:
   A numbered list.
   B bulleted list.
   C underlined text.
   D unified list of numbers.

32. The abbreviation USB stands for:
   A Unit Storage Bus.
   B Universal Standard Bus.
   C Unified Storage Bus.
   D Universal Serial Bus.

33. A system designed to track daily sales and purchases of a company is a(n) _____ system.
   A transaction processing
   B management information
   C decision support
   D executive information

34. Which of the following is true about user name and passwords in an information system?
   A Users can have the same user name, but their passwords must be different.
   B Users can have the same password, but their user names must be different.
   C Users are able to change their user names and still have access to their account.
   D When users change their passwords, they must also change their user names.

35. Which one of the following is NOT a component of an information system?
   A User.
   B Data.
   C Computer table.
   D Computer hardware.

36. _____ is a programming paradigm that specifies a problem to be solved but does not specify how to solve it.
   A Object-oriented
   B Declarative
   C Procedural
   D Imperative

37. _____ is usually described as a knowledge-based system.
   A Control system
   B Monitoring system
   C Expert system
   D Management information system

38. In system implementation, parallel conversion means:
   A running the new system alongside the old system.
   B running some parts of the new system alongside the old system.
   C replacing parts of the old system with parts of the new system.
   D running the new system while the old one is shut down.

39. When an email message is sent from John to Mary, copies of the message are found in:
   A John's sent folder and Mary's inbox folder.
   B John's sent folder and his inbox to Mary on a server.
   C Mary's sent folder and John's inbox folder.
   D a folder's inbox folder and Mary sent folder on a server.

40. The file extension .pdf stands for:
   A printable document format.
   B popular document format.
   C portable document format.
   D picture document format.

41. Flash memory is an example of a(n)_____ storage device.
   A optical
   B solid state
   C chip
   D magnetic

42. Disk compression software is a type of:
   A application software.
   B server software.
   C utility software.
   D device driver software.

43. Which of the following is NOT an example of a storage device?
   A Flash memory.
   B ROM chip.
   C Hard disk.
   D CPU.

44. Software that enables an operating system to communicate effectively with a given peripheral device is known as:
   A Firewall.
   B Driver.
   C Bespoke.
   D Widget.

45. _____ system enables people who are geographically dispersed to have an online meeting that looks like a real life situation.
    A Electronic Marketing
    B Videoconferencing
    C Multimedia Messaging Service
    D Teleworking

46. In project management, lag time means a delay between:
    A a predecessor and a successor task.
    B two predecessor tasks.
    C two successor tasks.
    D two dummy tasks.

47. _____ is a class of computers that is most suitable for weaponry and weather forecasting.
    A Minicomputer
    B Microcomputer
    C Supercomputer
    D Laptop computer

48. Communication between a hand held remote controller and a television set is an example of _____ communication.
    A radio wave
    B bluetooth
    C microwave
    D infrared

49. Convert 2 seconds to microseconds.
    A 2000 Microseconds.
    B 2000 000 Microseconds.
    C 0.002 Microseconds.
    D 0.000002 Microseconds.

50. Ergonomics is concerned about:
    A the economies of writing and displaying characters.
    B the design of pictures and word art.
    C the design and placement of equipment in a computer workplace.
    D speed and accuracy of a computer user.

STOP

GO BACK AND CHECK YOUR WORK

2020/0595/1/B/MCQ