

CAMEROON ENGLISH TEACHERS ASSOCIATION (CETA) MOCK EXAMINATION	SUBJECT CODE NUMBER 0595	PAPER NUMBER 1
CANDIDATE NAME: CANDIDATE NUMBER: CENTRE NUMBER:	SUBJECT TITLE COMPUTER SCIENCE	
ORDINARY LEVEL	DATE: Tuesday , 24 March 2020	

MULTIPLE CHOICE QUESTION PAPER

**1 HOUR 30 MINUTES
INSTRUCTION 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- 0595 COMPUTER SCIENCE 1"
4. Insert the information required in the spaces above.
5. Insert the information required in the spaces provided on the answer sheet using an HB pencil:

How to answer questions in this examination

6. Answer **ALL** the 50 questions in this examination. All questions carry equal marks.
7. Calculators are allowed
8. Each question has **FOUR** suggested answers: A, B, C and D. decide which answer is correct. Find the number of the question of 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 the correct answer, mark C as shown below:

[A] [B] **[C]** [D]
9. 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, and then mark your new answer.
10. 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.
11. Do all rough work in this booklet, using where necessary, the blank spaces in the booklet
12. Mobile phones are not allowed in the examination room
13. **You must not take this booklet out of the examination room. All question booklets and answer sheet will be collected at the end of the examination.**

Q1. APESKEY LAB company recently change the KASPESKY security software from Kaspersky version 10.1.1 for 2019 to Kaspersky 10.1.3 for 2020 this is consider as

- [A] Upgrading
- [B] Updating
- [C] Renewing
- [D] Integrating

Q2. A school management software design to operate only for a specific school is known as

- [A] Application software
- [B] Bespoke software
- [C] Integrated package
- [D] System software

Q3. A transmission mode which operates similar to a single railway system is

- [A] simplex
- [B] half-duplex
- [C] full-duplex
- [D] Serial

Q4. The main difference between online storage from offline storage in terms of computer processing

- [A] data is kept on the internet
- [B] instruction and data are kept online
- [C] hold data and instruction only when the computer is on
- [D] hold data only for a short while during processing

Q5. Memory management is a feature of

- [A] Processor
- [B] Ms word
- [C] Application software
- [D] Operating system

Q6. Carry out the following binary computing.
 $110000_2 - 1101_2$

- [A] 100111_2
- [B] 100011_2
- [C] 001111_2
- [D] 111101_2

Q7. . Voice Recognition and Face Detection are considered as Artificial Intelligence which generation of computers support this?

- [A] The second generation
- [B] The third generation
- [C] The fourth generation
- [D] The fifth generation

Q8. The amount of data that the CPU can manipulate in a given period of time is known as

- [A] Data
- [B] Bit
- [C] Hertz
- [D] Word

Q9. In programing, what happens during syntax errors

- [A] Are detected by testing, and are fixed through debugging
- [B] Are caught by compiler, and are fixed before the program is run.
- [C] Causes unwanted exception and could be handled at runtime
- [D] The user input higher values, and are corrected by placing lesser values

Q10. A collection of logically related field in database is know as

- [A] A file
- [B] A data field
- [C] Database
- [D] A record

Q11. Which of the devices uses laser beam to write data on positively charge (lands) and negatively charged (pits) read/write head

- [A] Blue ray disc
- [B] Hard disk
- [C] Floppy disk
- [D] Magnetic devices

Q12. The part of a software through which users interact with a computer system is known as

- [A] User interface
- [B] GUI
- [C] Command line
- [D] None of the above

Q13. An algorithm must be unambiguous what the meaning of the underline words is.

- [A] Be able to notify the user whenever there is an error during programing
- [B] To be consistence in calculating
- [C] Must give the same interpretation to anyone at any time
- [D] Must have a starting and ending instructions

Q14. The Cameroon government intend to put all the universities on a network which of the network type will they use?

- [A] WAN
- [B] LAN
- [C] MAN
- [D] WLAN

Q15. Which of the memory provide fastest access time

- [A] RAM
- [B] Registers
- [C] Cache memory
- [D] Hard disk

Q16. A method in **SDLC** that run the new system and the old one simultaneously to compare results before implementing the new system is

- [A] Pilot run
- [B] Simultaneous processing
- [C] Parallel change over
- [D] Direct Change over

Q17. What do you understand by **dry run** an algorithm design

- [A] A program called RUN which produces results based on the programmer instructions
- [B] A program used to test if the computer setting are in correct functioning
- [C] A manual check of a program using trace table and values to check the output from variables
- [D] The possibility for a program to run in the background

Q18. In information system, data that has been processed is known as

- [A] System
- [B] Information
- [C] Technology
- [D] Services

Q19. Which of the following is NOT an example of **Non impact printer**

- [A] Thermal printers
- [B] Laser printer
- [C] Ink jet printers
- [D] Non of the above

Q20. A device in telecommunication that converts digital signal to analogue type

- [A] Modem
- [B] Telephone
- [C] Repeater
- [D] Multiplexer

Q21.. which of the following is **FALSE** with respect to **RAM** and **ROM**

- [A] Both are primary storage
- [B] Both memory are used by the BIOS during booting
- [C] Both devices are temporal storage

[D] The bootstrap loader in the ROM locate and sends instructions pattern how the RAM should load the operating system

Q22.. A phase in the SDLC where constant check-up and update is carried on the new system is to ensure is up to date is

- [A] Implementation phases
- [B] System development phase
- [C] System designed phase
- [D] System maintenance phase

Q23. The advantage of **LCD** monitors over **CRT** monitors in term of ergonomic is

- [A] They are flat like Morden TV
- [B] They can be transported very easily
- [C] They emit lesser amount of Radiation
- [D] They produce high image quality

Q24. The geo-information spectral analysis for representing distance in a define environment is collected by_____

- [A] HIS
- [B] EIS
- [C] MIS
- [D] GIS

Question 25 – 26 is based on the following computing arithmetic:

Given N the number of student in a class represented in binary by: $N = 11110101_2$

Q25. What is the representation of this class in decimal?

- [A] 246
- [B] 245
- [C] 365
- [D] 356

Q26. What is the representation of this class in hexadecimal?

- [A] F3
- [B] B5
- [C] F5
- [D] FC

Q27. The portal through which data moves within the computers systems is known as.

- [A] Data path
- [B] Interfaces
- [C] Signalling
- [D] Bus

Q28. The ATM machine used at the front post of financial banks, used to serve Master cards, captures inputs from clients on a network system upon their request, responds rapidly with respect to information in their accounts uses _____type of processing

- [A] Batch processing
- [B] Automatic processing
- [C] Online processing
- [D] Real time processing

Q29.. The time between the end of a task and the beginning of a new task is known as

- [A] Lag time
- [B] Slack time
- [C] Leap time
- [D] Lead time

Q30. A networking device that combines two or more different networks segment that uses different protocol is

- [A] Router
- [B] Switch
- [C] Gateway
- [D] NIC

Q31. A tool to that can be used to identify and locate two internet users operating in two separate countries.

- [A] Computer address
- [B] Email address
- [C] Uniform Resource Locator (URL)
- [D] IP address

Q32. Which of the tool below is not a major video conferencing tool

- [A] Microphone
- [B] Printer
- [C] Web cam
- [D] Monitor

Q33. The loading of the operating system kernel (core) to the main memory is known as

- [A] Executing
- [B] Launching
- [C] Booting
- [D] Scheduling

Q34. The term **Constant** as used in computer programming means

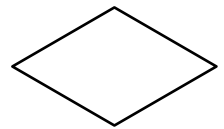
- [A] A function whose value does not change
- [B] An identifier whose value is not identify to change
- [C] A variable that is used across the whole code
- [D] A value that is used frequently

Q35. Which of the following is **NOT** a function of a web browser

- [A] User Interface
- [B] Compile HTML codes
- [C] Request for web pages
- [D] Edit HTML codes

Q36. The flowchart symbol below is used in the _____ control structure.

- [A] Selection
- [B] Iteration
- [C] For loop
- [D] All of the above



Q37. The point of intersection between a column and a row in Ms excel is known as a (an) _____

- [A] Derived column
- [B] Value
- [C] Address
- [D] Cell

Q38. **Infrared** and **xender** are example of a _____ as classification of network based on their geographical scope

- [A] WAN
- [B] PAN
- [C] MAN
- [D] LAN

Q39. The act of deleting unnecessary duplications of data in a database is known as

- [A] Data integrity
- [B] Data redundancy
- [C] Data consistency
- [D] All of the above

Q40. The concentric line on a magnetic storage device are known as _____

[A] Sectors
[B] Cylinders
[C] Tracks
[D] Platters

Q41. In word processing, the process of underlining text and inserting headers and footers is an example of

[A] Formatting text
[B] Correcting text
[C] Editing text
[D] Spell checking

Q42. Which of the following is a way to enhance green computing

[A] Waste papers should be recycled to other forms like toilet tissues
[B] Educating the population the need of green computing
[C] Hibernate or shut down your computer after usage
[D] All of the above

Q43. Which of the following is NOT a data verification method

[A] Presence check
[B] Echo feedback
[C] Double entry
[D] Proof reading

Q44. The filing system can be ordered from smallest to largest as:

[A] Folder, Disk, File
[B] File, Disk, Folder
[C] File, Folder, Disk
[D] Disk, Folder, File

Q45. A school management software that take care of, **the payment of fees, enrolment, production of reports card, drafting of time table for teachers and payment of Salary for the staff.** The cashier complains she is unable to print receipts and some errors encounter on salaries for the staff. The programmer is called to correct only the problem in her domain. The programmer worked out a new software and carry out _____ approach to correct the bug

[A] Parallel change over
[B] Direct change over
[C] Phased change over
[D] Pilot change over

Q46. Purchasing a software program online you will be issued _____ licence type

[A] Online licence
[B] Users licence
[C] End – user licence
[D] A business license

Q47. In the web address: **http://www.valclaires_softwarehouse.com** the user ID and the domain name is respectively.....

[A] valclaires_softwarehouse and .com
[B] http:// and valclaires_softwarehouse
[C] valclaires_softwarehouse and http://
[D] www. and .com

Q48. Which of the following are the three project management constrain

[A] Scope → place → cost
[B] Company → cost → cost
[C] Company → place → cost
[D] Scope → time → cost

Q49. Which of the option below is not an example of tertiary device

[A] Floppy disc
[B] DVD and CD
[C] USB flash Drive
[D] Hard Disk

Q50. The class master of form four intend to analyse the results at the end of year for all the sequences, which of the application will he choose from the list below?

[A] Ms Word
[B] Ms office
[C] Ms publisher
[D] Ms Excel