

- The major parts of a Central Processing Unit (CPU) are....
  - Arithmetic Logic Unit (ALU), Control Unit (CU), Display Unit
  - Arithmetic Logic Unit (ALU), Control Unit (CU), Input/ Output devices
  - Arithmetic Logic Unit (ALU), Control Unit (CU), Memory Register
  - Arithmetic Logic Unit (ALU), Control Unit (CU), Secondary storage
- Which of the following is correct statement about information?
  - Height of a student
  - Tamil marks of a student
  - Average marks of mathematics
  - Today weather
- What is code shown in this picture?
  - QRcode
  - ISBN
  - OMRcode
  - Bar Code
- Which is correct example for G to G?
  - Sri Lanka custom information
  - Payment of utility bills
  - Information on loan facilities for government workers
  - Bank details
- Which is the disadvantage of using Robotics?
  - Never get tired
  - Accuracy
  - Intelligent
  - Bore
- What is the generation keyboard as an input device was used?
  - 1<sup>st</sup> Generation
  - 3<sup>rd</sup> Generation
  - 2<sup>nd</sup> Generation
  - 4<sup>th</sup> Generation
- Who was introduced the Analytical Engine system to the computer system?
  - Charles babbage
  - Blaise Pascal
  - Joseph Jacquard
  - Ada Lovelace



8. ULSI was used in which generation?

1. 1<sup>st</sup> Generation
2. 3<sup>rd</sup> Generation
3. 4<sup>th</sup> Generation
4. 5<sup>th</sup> Generation

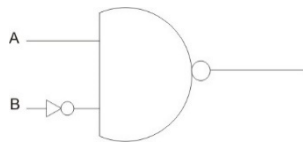
9. Consider the following devices?

- A. Mouse
- B. Touch screen
- C. Joy stick

Which of the above can be used as both input and output devices?

1. A, B only
2. B only
3. A, C only
4. C only

10. Find correct Boolean expressions for the circuits given below?



1.  $\overline{\overline{A}} \cdot B$
2.  $\overline{A} \cdot B$
3.  $A \cdot \overline{B}$
4.  $\overline{A} \cdot \overline{B}$

11. The binary equivalent of decimal 70 is?

1. 1000110
2. 1000111
3. 1001100
4. 1000101

12. The decimal equivalent of octal 64 is

1. 48
2. 52
3. 62
4. 68

13. What is the equal capacity value of a 4GBRAM?

1. 2<sup>42</sup>Byte
2. 10<sup>22</sup> Byte
3. 2<sup>20</sup>MB
4. 2<sup>32</sup>Byte

14. Age of Kamala is 50, Mala is 18. Find the age different between Kamala & Mala?

1. 32<sub>8</sub>
2. 40<sub>8</sub>
3. 100001<sub>2</sub>
4. 21<sub>16</sub>

15. Which of the following is a valid bit pattern in Binary Coded Decimal (BCD)?

1. 11001001
2. 10101011
3. 10001000
4. 10111110

16. What are the following MSB value and LSB value related to 0.0975?

1. 0, 5
2. 9, 7
3. 9, 5
4. 7, 5

17. Which of the following represents the ascending order of the four numbers 10001111<sub>2</sub>, 0170<sub>8</sub>, 46687<sub>10</sub>, 2F<sub>16</sub>?

1.  $170_8$   $10001111_2$   $2F_{16}$   $46687_{10}$
2.  $10001111_2$   $46687_{10}$   $170_8$   $2F_{16}$
3.  $2F_{16}$ ,  $170_8$   $10001111_2$   $46687_{10}$
4.  $46687_{10}$   $10001111_2$   $170_8$   $2F_{16}$

18. Which is correct example for volatile memory?

1. Cache memory
2. Hard disk
3. ROM
4. RAM

19. Which unit used to measure clock speed of computer?

1. MB
2. GHZ
3. GB
4. Byte

20. Which of the following has the highest storage capacity?

1. CD
2. DVD
3. Magnetic tape
4. Blue ray

21. Walkitalki can be considered as an example of ..... Communication?

1. Simplex
2. Full duplex
3. Half duplex
4. Straight

22. Which operates as a secured barrier between internet and network in exchanging data among computers?

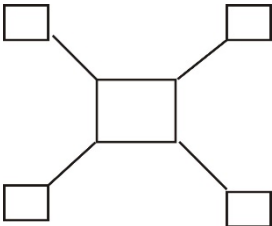
1. Firewall
2. Password
3. User Name
4. E-Mail

23. Which of the device that transmitted data to the relevant computer only?

1. Network
2. Switch
3. Hub
4. Modem

24. Which is not consider as computer network?

1. LAN
2. WAN
3. FAN
4. MAN

25.  Select the network topology shown in the diagram?

1. Start
2. Ring
3. Mesh
4. Bus

26. Which of the following function of an Operating System software

1. Checking the spellings in a presentation.

2. Counting words in a document
3. Managing hardware resources in the computer system.
4. Sending and receiving e-mail.

27. Which is not example for word processing software?

- |             |                      |
|-------------|----------------------|
| 1. Abi word | 2. Word perfect      |
| 3. I work   | 4. Libre office Calc |

28. Which is the short cut keys to **Cut** in word document?

- |             |             |             |             |
|-------------|-------------|-------------|-------------|
| 1. Ctrl + V | 2. Ctrl + C | 3. Ctrl + X | 4. Ctrl + S |
|-------------|-------------|-------------|-------------|

29. Which of the following tools is used to hide or display non printing characters in a word processed document?

- |      |      |      |      |
|------|------|------|------|
| 1. ¶ | 2. A | 3. * | 4. # |
|------|------|------|------|

30. Sentence A is formatted as sentence B by using word processing software.

A. ICT is an optional subject for the GCE O/L exam

B. ICT is an optional subject for the GCE O/L exam

Which of the following icons are used to format sentence A as B?

- |      |      |      |             |
|------|------|------|-------------|
| 1. I | 2. U | 3. B | 4. <u>A</u> |
|------|------|------|-------------|

31. Consider the following file name extensions?

- |             |         |          |
|-------------|---------|----------|
| 1. A- .docx | B- .dco | C – .xls |
|-------------|---------|----------|

Which of the above are valid for files created using word processing software?

1. A,B only
2. A,C only
3. B,C only
4. A,B,C all above

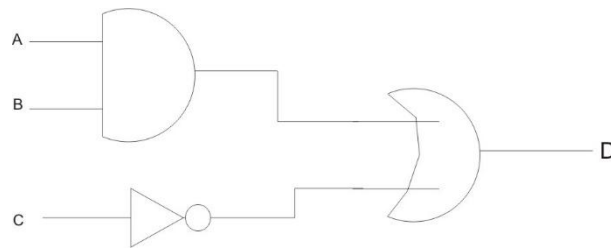
32. Which of the following in word processing software can be used to search for text in a document?

- |         |            |           |                |
|---------|------------|-----------|----------------|
| 1. Find | 2. Replace | 3. Search | 4. Indentation |
|---------|------------|-----------|----------------|

33. Consider the following circuit

A= 1,D = 0 which of the following represent the corresponding values for output

1. B=0, C=0
2. B=0, C=1
3. B=1, C=1
4. B=1, C=0



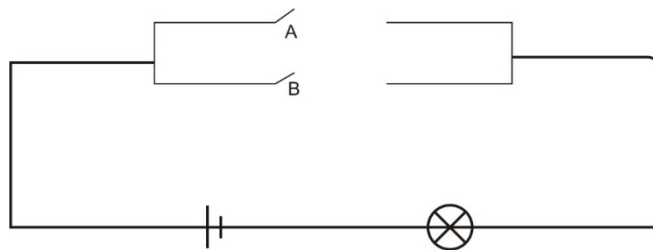
34. Which of the following is operating system?

1. Microsoft Power point
2. Microsoft Word
3. Open Office Impress
4. Ubunthu

35. Which of the following media provides the highest speed of data communication?

1. Coxial Cable
2. Fiber optic Cable
3. Radio Wave
4. Twisted Pair Cable

36.



Select the operation represented by the following circuit.

1. AND
2. OR
3. NOR
4. NOT

37. Consider the equation  $Y=ax^2+bx+c$  found in word- processed document. Which of the following features of the word processor is used to obtain the appearance of the character **2** in the question?

1. Justification
2. Outline
3. Subscript
4. Superscript

38. Select the most suitable answer in the following statements while purchasing computer?

- A. Branded name of goodwill computer
- B. Goodwill of Seller
- C. Warranty period of computer

- 1. Aonly
- 2. Bonly
- 3. A and Bonly
- 4. AllA,B and C

39. What is the wrong statement relate with computer file?

- 1. File is used to store computer data
- 2. Can change file name
- 3. Can create folders in a file
- 4. File has a file extension as .docx, .txt

40. What is the correct order that represent most fast data transmission to process?

- 1. CD,DVD,Hard disk
- 2. DVD,CD,Hard disk
- 3. DVD,Hard disk,CD
- 4. Hard disk,CD,
- 5. DVD

[40x1 = 40 Marks]