

COMPUTER

1. An automatic system is one that
 - A. is operated using sophisticated skills
 - B. needs fuel before it can be operated by humans
 - C. performs different kinds of tasks diligently
 - D. requires little or no human intervention to work

2. Which of the following features of information is not important for meaningful decision?
 - A. Accuracy
 - B. Competitiveness
 - C. Completeness
 - D. Timeliness

3. The microprocessor that controls a washing machine is known as
 - A. bot
 - B. console
 - C. embedded computer
 - D. mainframe computer

4. Which of the following statements is true about data?
 - A. Information is a product of data while knowledge is a product of information
 - B. Data produces knowledge while knowledge produces information
 - C. Data is a product of information while knowledge is a product of data
 - D. Knowledge produces information while information produces data

5. Instructions were written to the first generation computers using:
 - A. assemblers
 - B. low level language
 - C. machine language
 - D. mnemonics

6. Addition and subtraction of numbers in Abacus are done using
 - A. nails
 - B. brass
 - C. beads
 - D. frame

7. In using the slide rule, multiplication that goes off the scale can be corrected by the following approaches except
 - A. resetting the slide
 - B. using circular slide rule
 - C. using flat scales
 - D. using folded scales

8. The computer's short-term memory is the
 - A. arithmetic logic unit
 - B. arithmetic operator
 - C. control unit
 - D. random access memory

9. Which of the following logic devices is considered as *equivalent gate*?
 - A. AND
 - B. EX-NOR

- C. EX-OR
- D. NOR

10. MS Access is an example of

- A. word processing package.
- B. spreadsheet application.
- C. graphic software.
- D. database management system.

11. Which of the following statements explains the function of device drivers? They

- A. convert source code to object code.
- B. enable hardware and software control and manage the system.
- C. help to clean disk space and manage installation of applications.
- D. help to improve the functionality of hardware devices.

12. One usefulness of utility software in the computer is

- A. conversion of source code to object code.
- B. enhancement of communication between hardware and the computer system.
- C. removal of malware from the computer.
- D. to improve the functionality of hardware devices.

13. Which of the following statements about operating system is false? It

- A. enhances the booting process.
- B. manages computer devices.
- C. manages storage location.
- D. protects the computer from surge.

14. Debugging in program development is the process of

- A. fixing errors.
- B. introducing bugs.
- C. removing virus.
- D. writing error messages.

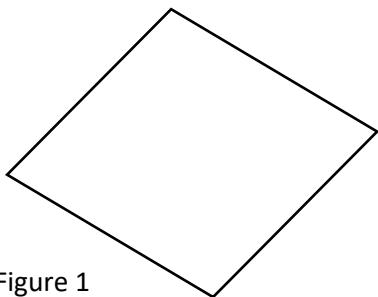


Figure 1

15. Identify the flowchart symbol in Figure 1.

- A. Decision box
- B. Manual input
- C. Preparation
- D. Process

16. The flowchart symbol in Figure 4 is used to

- A. show the preparation stage.
- B. represent a decision-making point.
- C. input data manually in a flowchart.
- D. execute a process.

17. Which of the following operations will be executed last in a program?

- A. Addition
- B. Division
- C. Multiplication
- D. Subtraction

18. Which of the following statements is true about the rules of flowcharting?

- A. All boxes of flowcharts are connected with arrows to show the logical connection between them
- B. All flowchart process boxes are connected with on page connector to show the flow of operation
- C. All flowcharts start with a start box and end with a decision box
- D. The flow of control must always enter an object from bottom to top

19. In computer programming, it is advised to translate source code into intermediate code to

- A. change the analysis portion for different compilers.
- B. ensure that full native compiler is used for every new machine that will run the program.
- C. make it easier to apply the source code modifications to improve code performance.
- D. make the synthesis part of the compiler target-machine dependent.

20. A graphic or text in a document or web page that links to another file or object is referred to as

- A. a domain name.
- B. a hyperlink.
- C. a shortcut.
- D. an icon.

21. Which of the following statements is true about preventing phishing?

- A. Ensure that antivirus is updated regularly
- B. Do not click on links in emails from untrusted sources
- C. Do not download from untrusted sites
- D. Use a strong password at all times.

22. Which of the following statements is true about star topologies?

- A. Computers are connected node-to-node
- B. Computers are connected to a central device
- C. The connection is linear in shape
- D. The connection is a tree-like structure

23. An internet user secures his social media account by regularly changing passwords. Which of the following passwords produce the best security?

- A. wasscec2024
- B. WASSCESC2024
- C. 2024wasscec
- D. WASSCESchoolCandidates@2024

24. Which of the following statements is true about intranet?

- A. Private network that uses internet protocol and is accessible by all visitors to an organization's website
- B. Private network that uses internet protocol and is accessible by employees of an organization
- C. Private network which does not use internet protocol and is accessible by employees of an organization
- D. Public network that uses internet protocol and is accessible by all visitors to an organization's website

25. The art of checking for errors in a Word document before publishing is referred to as

- A. editing;

- B. formatting;
- C. modifying;
- D. proof reading.

26. Columns in MS Access are referred to as

- A. fields;
- B. files;
- C. records;
- D. tuples.

27. Which of the following application packages is suitable for making budgets?

- A. Word processor
- B. Spreadsheet package
- C. Graphic package
- D. Database Management System

28. New comment can be added to a cell in MS Excel by using the procedure

- A. Edit → Comment;
- B. File → Comment;
- C. Insert → Comment;
- D. Review → Comment.

29. Which of the following statements about index is true? It is a data structure

- A. that reduces the speed of data retrieval operations on a database table;
- B. used to quickly locate data without searching every row in a table every time a database table is accessed;
- C. created using only two rows of a database table to uniquely identify each record;
- D. that allows relational database to split and store data in different tables, while linking disparate items.

30. A collection of computer wires used to identify memory location in a computer is

- A. system bus;
- B. data bus;
- C. data cable;
- D. address bus.

31. Read Only Memory (ROM) contains

- A. current program in operation.
- B. preset instructions for operation;
- C. user instructions;
- D. volatile programs.

32. What happens when the Shift key is pressed down while deleting a file from the computer? The file is

- A. uninstalled from the computer.
- B. permanently deleted from the computer.
- C. deleted and sent to the Recycle Bin.
- D. deleted and kept in the clipboard.

33. Which of the following statements about warm booting is true? The computer

- A. reloads the operating system while still running in the background.
- B. loads the operating system into memory from the power-on button.
- C. reloads the operating system into memory while still running.
- D. loads the application into memory from rest state.

34. The ASCII character set represents alphabetical and control characters using numeric code ranging from

- A. 0 to 32.
- B. 0 to 64.
- C. 0 to 127.
- D. 0 to 128.

35. Which of the following hard disk drive memory capacities can store the largest size data?

- A. 2TB.
- B. 12GB.
- C. 240MB.
- D. 800KB.

36. The equivalent of the letter A in the standard ASCII is

- A. 01000001.
- B. 01000010.
- C. 01100001.
- D. 01100010.

37. One example of a file containing reference data which is usually altered is

- A. brand name.
- B. payroll.
- C. price list.
- D. stock.

38. A user observed that a certain file in a removable storage device changed to a shortcut icon. This implies that

- A. the file is corrupt.
- B. the file is shared.
- C. the removable storage device is corrupt.
- D. there is a link to the file.

39. Set of characters used to authenticate a computer user is called

- A. encoder.
- B. binary code.
- C. password.
- D. barcode.

40. Which of the following statements about firewall is correct?

- A. A network transmission system that increases the speed of incoming and outgoing network traffic.
- B. A network security system that establishes a barrier between a trusted internal network and an untrusted external network such as the Internet.
- C. A data structure that improves the speed of data retrieval operations on a database table.
- D. A data structure created using only two rows of a database table used to uniquely identify each record.

41. 250H is a/an _____ data type.

- A. Special character
- B. Numeric
- C. Alphabetic
- D. Alphanumeric

42. An automated machine which dispenses snacks and beverages to consumers after the insertion of a credit card is a/an _____.

- A. vending.
- B. point of sale.
- C. label dispensary.
- D. inventory.

43. Which of the following softwares act as an interface between the end user and the computer hardware?

- A. Windows XP
- B. Ms Word
- C. Ms Excel
- D. Ms Access

44. Which of the following is not a source of threat to a computer system?

- A. Virus
- B. Prudent network implementation
- C. Lack of ICT policy
- D. Hackers

45. Which of the following cable media does not suffer from electromagnetic interference?

- A. USB
- B. Unshielded twisted pair
- C. Serial
- D. Fibre optic

46. The result of the BASIC program below is

```
10 FOR I = 1 TO 49 STEP 2  
20 PRINT I  
30 NEXT I  
40 END
```

- A. sum of the cubes of odd integers between 1 and 49,
- B. squares of even integers between 1 and 49,
- C. odd numbers between 1 and 49 inclusive,
- D. odd numbers between 1 and 49 exclusive,

47. The removal of unwanted portions of a picture in a document could be achieved through

- A. referencing.
- B. formatting.
- C. enlarging.
- D. cropping.

48. A physical connection between the microprocessor memory and other parts of the micro computer is

- A. registers.
- B. program contact.
- C. path.
- D. address bus.

49. In computer, instructions and memory addresses are represented by

- A. binary code..
- B. nibble.
- C. character code.
- D. byte.

50. A collection of interrelated records is a

- A. structure
- B. database
- C. file
- D. field

ANSWER

Great set of computer studies multiple-choice questions .

Here are the correct answers:

1. **D. requires little or no human intervention to work**
2. **B. Competitiveness**
3. **C. embedded computer**
4. **A. Information is a product of data while knowledge is a product of information**
5. **C. machine language**
6. **C. beads**
7. **C. using flat scales**
8. **D. random access memory**
9. **B. EX-NOR**
10. **D. database management system**
11. **B. enable hardware and software control and manage the system**
12. **C. removal of malware from the computer**
13. **D. protects the computer from surge**
14. **A. fixing errors**
15. **A. decision BOX**
16. **B. represent a decision-making point**
17. **D. Subtraction**
18. **A. All boxes of flowcharts are connected with arrows to show the logical connection between them**
19. **C. make it easier to apply the source code modifications to improve code performance**
20. **B. a hyperlink**
21. **B. Do not click on links in emails from untrusted sources**
22. **B. Computers are connected to a central device**
23. **D. WASSCESchoolCandidates@2024**
24. **B. Private network that uses internet protocol and is accessible by employees of an organization**
25. **D. proof reading**
26. **A. fields**
27. **B. Spreadsheet package**
28. **D. Review → Comment**
29. **B. used to quickly locate data without searching every row in a table every time a database table is accessed**
30. **D. address bus**
31. **B. preset instructions for operation**
32. **B. permanently deleted from the computer**
33. **C. reloads the operating system into memory while still running**
34. **C. 0 to 127**
35. **A. 2TB**
36. **A. 01000001**
37. **C. price list**
38. **D. there is a link to the file**
39. **C. password**

40. **B.** A network security system that establishes a barrier between a trusted internal network and an untrusted external network such as the Internet
41. **D.** Alphanumeric
42. **A.** vending
43. **A.** Windows XP
44. **B.** Prudent network implementation
45. **D.** Fibre optic
46. **C.** odd numbers between 1 and 49 inclusive
47. **D.** cropping
48. **D.** address bus
49. **A.** binary code
50. **B.** database