

1. Software that allows a team to have an electronic “face-to face” meetings when members are geographically dispersed is
 - A E-mail software
 - B Chat room software
 - C E-messaging software
 - D Videoconferencing software

2. Which of the following is a transaction processing system?
 - A Robot that sells in a supermarket
 - B Point of sale system
 - C Distributed computing system
 - D Medical diagnostic system

3. Copyright laws
 - A Prevent and punish people who duplicate open source software
 - B Compensate authors for an intellectual art
 - C Protect authors of their intellectual property .
 - D Defines principles in the field of authorship

4. Which of the following best describes the action of a hacker?
 - A unauthorised deletion of data
 - B unauthorised modification of data
 - C unauthorised access to data
 - D unauthorised copying of data

5. Which one of the following is least likely to happen if a virus is introduced into a computer?
 - A The data will be severely damaged
 - B Hardware will be damaged
 - C The system may run slowly
 - D The memory may get chocked up

6. The software that is used to locate websites on the Internet using keywords in files and documents is called
 - A Internet browser
 - B Search engine
 - C Spyware
 - D Uniform resource locator (URL)

7. Data as defined in Data Protection Act refers to
 - A All unprocessed facts
 - B Information about individuals who are still living
 - C Information about living or dead people
 - D Data that has been input in the computer

8. Which of the following is performed by an application software?
 - A Scheduling of computer processes
 - B Memory management
 - C Information system management
 - D Providing user interface

9. Which of the following statements is true about software packages?
 - A The user interface and menu structures are alike
 - B A file in one program can be opened through the others
 - C The programs constituting the package are grouped in the start menu
 - D The files of the programs constituting the package have the same extension

10. Which of the following has the same functions as the RAM?
 - A Flash memory
 - B Read only memory
 - C Cache memory
 - D Virtual memory

11. The mode of exchange of information between components of the computer one bit at a time over a single channel is called
- A parallel B B B
 - B Synchronous C
 - C Asynchronous
 - D High speed
12. Which wireless standard would you use to design a wireless computer network within a radius of 100 metres?
- A Wifi
 - B Infra red
 - C Bluetooth
 - D Fibre-optic
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13. The fifth generation of computers combine
- A Vacuum tubes and semi-conductors
 - B Transistors and punch cards
 - C Large scale integrated circuits
 - D Large scale integrated circuits and artificial intelligence
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14. "Process data in time to affect the next input" is best described by the term
- A Real-time processing
 - B Spooling
 - C Batch processing
 - D Queuing
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15. Which of the following is a type of operating system?
- A Multi-user
 - B Multi-duplex
 - C Win32
 - D Multi-time
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16. Which of the following people are responsible for preparing users to accept a new information system even before it is in place
- A System analysts
 - B Programmers
 - C Trainers
 - D Database administrators
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17. The ability for software to translate voice into text is known
- A Speech recording
 - B Speech recognition
 - C Speech translation
 - D Speech digitisation
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18. Which of the following scanners can be used to capture and convert hand-written text into editable text?
- A OMR
 - B MICR
 - C OCR
 - D Barcode reader
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19. Which of the following can serve as an organisation's standard for input control?
- A Two persons input the same data and the software compares
 - B Getting an experienced data entry operator
 - C Using validity check software
 - D Avoiding noisy environments
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20. The system that stores data to process after a period of time is known as
- A periodic processing
 - B Stream-line processing
 - C On-line transaction processing
 - D Batch processing

21. 1 picosecond is equivalent to
A 1.0×10^{10} seconds
B 1.0×10^{-6} seconds
C 1.0×10^{-9} seconds
D 1.0×10^{-12} seconds
-
22. The approach in which a new system is built by evaluating a model of the system is called
A simulation
B prototyping
C imitation
D modelling
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23. Which of the following can be referred to as the computer's main internal backing storage device?
A CD-ROM
B ROM
C Floppy disk
D Hard disk
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24. Which of the following types of languages is not a high-level programming language?
A imperative
B declarative
C object oriented
D assembly
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25. In designing a new system, it is important to diagrammatically represent the organisation's departments, users, programs and data that will play a role in the system. This diagram is called?
A Data flow diagram
B Structural analysis diagram
C Entity-relationship diagram
D Design tools diagram
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26. The rule that helps to ensure the quality of information in a database is
A Party check
B Entity relationship
C Primary key
D Date integrity
-
27. The data manipulation subsystem of DBMS consists of
A Database forms
B Report generators
C Query by examples
D All of the above
-
28. The word "attributes" in a database are properties of
A A database
B A field
C A record
D An entity
-
29. The field in a database that uniquely identifies a record in a table is
A Secondary key
B Foreign key
C Primary key
D Unique key
-
30. One main property of a 4GL that a 3GL does not have is
A procedural
B Non procedural
C Machine independent
D Machine dependent

31. Which of the following are parts of the CPU?

- A Arithmetic logic unit and control unit
- B Arithmetic logic unit and RAM
- C Control unit and RAM
- D Hard disk and execution unit

The register in the CPU that keeps track of the address of the memory location of the next instruction is

- A Memory address register
- B Program counter
- C Instruction register
- D Memory data register

33. Which type of storage medium is a hard disk?

- A optical
- B Magnetic
- C Solid state
- D Radio

34. The utility that rewrites all the parts of a file into contiguous clusters of a hard disk is called

- A scandisk
- B antivirus
- C File manager
- D Defragmentation

35. For the website www.gceb.cm, the top level domain is

- A **www.**
- B gceb.cm
- C .cm
- D www.gceb

36. To view a web page we use a

- A Web processing application
- B Browser software
- C Web authoring
- D System software

37. Which of the following tasks is carried out by the -operating system?

- A Data capture
- B Providing help to application software
- C Transferring data to a printer
- D Compiling programs

38. Which of the following software enables the computer to understand human programming language?

- A Processor
- B Compiler
- C Editor
- D Database

39. Which of the following is an activity in the design stage of the development of a system?

- A Checking that the system gives the required output
- B plunge
- C Interviewing future users about their requirements
- D Creating the data and file structure.

40. Systems can fail for a number of reasons. Which of these is the most likely reason for system failure?

- A Power failure
- B Data entry error
- C Poor system design by the system analyst
- D Poor installation work by technical staff

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41. The conversion method in which you target only a portion of a new system is called
 - A serial
 - B pilot
 - C parallel
 - D piecemeal
 42. A dataflow diagram shows
 - A How computers are connected in a network
 - B The way organisational data and information are handled
 - C What software will be used to process data
 - D The parts of a system that processes specific data
 43. Which of the following data structures supports LIFO?
 - A queues
 - B stacks
 - C arrays
 - D Hash tables
 44. A computer system that provides periodic and predetermined reports that summarize information to facilitate decision-making is?
 - A Periodic information system
 - B Geographic information system
 - C Transaction processing system
 - D Management information system
 45. A graphical representation of an algorithm is known as
 - A pseudocode
 - B Flow chart
 - C control flow chart
 - D Gantt chart
 46. It is a strategy or process to get rid of errors in a system
 - A Prototyping
 - B Testing
 - C Debugging
 - D Validating
 47. A set of instructions written in a programming language is known as
 - A Pseudocode
 - B Source code
 - C Algorithm
 - D Data flow chart
 48. The software that you will use to create a three-dimensional computer simulation in which you can actively and physically participate
 - A VRML
 - B HTML
 - C XML
 - D WML
 49. Which of the following systems is knowledge-based?
 - A Expert system
 - B Artificial intelligence
 - C Natural network system
 - D Information system
 50. Which of the following is correct in Boolean logic?
 - A $0 \text{ AND } 1 = 1$
 - B $1 \text{ AND } 0 = 1$
 - C $0 \text{ OR } 1 = 1$
 - D $1 \text{ OR } 0 = 0$