

**PART A: MULTIPLE CHOICE QUESTIONS**

**[33 MARK – 1.5 per each]**

1. Choose the incorrect part of the information system.
  - a. Company Policy
  - b. Data
  - c. Procedures
  - d. Motherboard
  
2. Secondary storage is important and a non-volatile memory medium that preserves data until and unless it has been deleted or \_\_\_\_\_.
  - a. maintain
  - b. add new input
  - c. lost memory
  - d. overwritten
  
3. \_\_\_\_\_ is one type of specialized application software that is used by some specific users.
  - a. Microsoft Power Point
  - b. Google
  - c. Matlab
  - d. Microsoft Edge
  
4. Programming is part of the phase \_\_\_\_\_ of the systems life cycle.
  - a. systems design
  - b. systems maintenance
  - c. systems development
  - d. systems analysis
  
5. The Procedural Programming (PP) are \_\_\_\_\_.
  - a. Focuses less on procedures, more on relationships between objects.
  - b. Objects contain the data that is needed to perform a task.
  - c. The processing operations were unlimited to any rules.
  - d. Programming language derived from structure programming.
  
6. What is the name of the utility program that can reorganize the data on a hard drive?
  - a. Clean-up
  - b. Defragmentation
  - c. Compression
  - d. Interrupt

7. The \_\_\_\_\_ control structure involves repeating a sequence until a certain condition remains true.
- conditional
  - sequence
  - loop
  - selection
8. The processed data and facts is called as \_\_\_\_\_.
- Information
  - File
  - Document
  - Worksheet
9. Which of these suites include a variety of programs designed to make computing safer?
- Google Docs
  - Norton Internet Security Suite
  - IBM Lotus Symphony
  - AppleWorks
10. Below are the correct functions of an operating system except \_\_\_\_\_.
- Coordinate memory, processing, storage, printers and monitors.
  - Monitor system performance
  - Schedule tasks
  - Shutdown the computer
11. What is the main function of the motherboard in a computer system?
- the backbone that ties the computer's components together.
  - using to communicate between data and ROM.
  - contain memory slots to connects electrical components and allow transfers of data.
  - none of the above.
12. A(n) \_\_\_\_\_ error could be the result of the programmer making an incorrect calculation.
- syntax
  - run time
  - logic
  - compiler

13. Which of the following is NOT a data type?
- Alphanumeric Data
  - Numeric Data
  - Symbolic Data
  - Alphabetic Data
14. What is the correct abbreviation for ASCII stand for?
- Australian standard name for information interchange
  - American standard code for information interchange
  - Associate security council for international information
  - Associate safety country for international information
15. List THREE (3) types of port that are available in the system unit.
- Wired ports, standard ports, logic ports
  - Standard ports, specialized ports, legacy ports
  - Legacy ports, wireless ports, plugin
  - Specialized ports, plugin, data ports
16. What type of unique identifier can we set as the primary key in database creation?
- Identification numbers
  - Telephone numbers
  - Binary numbers
  - Hotline numbers
17. As a top manager's role, what should they do to achieve and maintain good management results?
- Top managers are responsible for long-range planning.
  - Top managers are responsible for giving a lot of work to the middle management team.
  - Top managers are responsible for giving a lot of work to supervisors.
  - Top managers are responsible for giving a lot of work to all accounting staff.
18. In e-commerce, what is one of the correct concepts of the exchange of products, services or information between businesses?
- Inventory-to-consumer (I2C)
  - Business-to-Business (B2B)
  - Consumer-to-Services (C2S)
  - Business-to-services (B2S)

19. What is the benefit of doing disk clean up activity in computer system?
- a. Improve memory and add more space in RAM
  - b. Make the secondary storage clean.
  - c. Frees up valuable space and improves system performance.
  - d. Improve speed of ROM
20. These languages use abbreviations and mnemonics that make it easier for humans to understand.
- a. machine Language
  - b. Assembly language
  - c. Procedural language
  - d. Very high-level language
21. Give the correct statement that related to the virtualization technology in computer system.
- a. Ability to support multiple operating systems on a single physical machine.
  - b. Ability to create soft computing solutions using a computer.
  - c. Ability to normalize the dataset for prediction.
  - d. Ability to calculate the complex solution in computer system.
22. Why is the storage partition in computer systems important?
- a. Often used to house in same operating systems.
  - b. Allows users to use programs developed for different systems.
  - c. Portion of a hard disk set to run many virtual activities.
  - d. None of the above.

**PART B: TRUE/FALSE QUESTIONS****[7 MARK– 1 per each]**

1. Transferring data and communicating with devices involves a process known as data transmission. (TRUE/FALSE)
2. Disk Defragmenter deletes valuable space and improves system performance. (TRUE/FALSE)
3. Device driver allows communication between a device and the virtual machine. (TRUE/FALSE)
4. Management information systems (MIS) produce flowcharts- a type of predetermined reports. (TRUE/FALSE)
5. The meta search engine works by sending the request to many other search engines and then show results to the user. (TRUE/FALSE)
6. Three primary privacy issues are accuracy, property, and information system. (TRUE/FALSE)
7. The hierarchical database used the one-to-many relationship concept in its process. (TRUE/FALSE)

**QUESTION 1 (16 marks)**

i. Explain the function of System Software.

(2 marks)

ii. Give FIVE (5) examples of utility software that is contained in the computer system.

(5 marks)

iii. Briefly explain THREE (3) basic categories of operating systems and give ONE (1) example for each of them.

(9 marks)

**QUESTION 2 (16 marks)**

i. List TWO (2) examples of computer input devices and TWO (2) examples of computer output devices.

(4 marks)

ii. Discuss the following image capturing devices that include examples and their function.

a. Digital cameras

b. Digital video cameras

(6 marks)

iii. Describe the difference between primary storage and secondary storage.

(6 marks)

**QUESTION 3 (13 marks)**

- i. Describe the function of a Management Information System (MIS)?  
(5 marks)
- ii. Give the THREE (3) types functional area in an organization.  
(3 marks)
- iii. List FIVE (5) common data models in database structure.  
(5 marks)

**QUESTION 4 (15 marks)**

- i. Describe the meaning of Cloud Computing and give TWO (2) examples that using cloud computing technology in daily live activities.  
(6 marks)
- ii. Describe the following:
  - a. Google Assistant  
(3 marks)
  - b. ChatGPT  
(3 marks)
  - c. Grammarly  
(3 marks)

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