



**BOWEN UNIVERSITY, IWO**  
College of Management and Social Sciences  
Industrial Relations and Personnel Management Programme  
Second Semester 2021/2022 Examination

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| <b>Level</b>         | <b>: 200</b>  |
| <b>Course Title</b>  | <b>: Computer Application and MIS</b>                               |
| <b>Course Code</b>   | <b>: IRP 206</b>  |
| <b>Course Credit</b> | <b>: 2</b>  |
| <b>Instruction</b>   | <b>: ANSWER all Questions in Section A and THREE Questions in B</b> |
| <b>Time Allowed</b>  | <b>: 2.5 HOURS</b>  |
| <b>Date</b>          | <b>: Wednesday 13<sup>th</sup> of July, 2022</b>                    |

**SECTION A**

**Answer all Questions in this Section (1.5 Marks each)**

1. A system whose state cannot be defined or known only within specified limits even when they are subject to control is .....
2. When subsystems are not dependent on each other in decision-making matters, this is referred to as .....
3. The modification or control of a process or system by its results or effects, by measuring differences between desired and actual results is known as .....
4. A software that builds, manages and provides access to a database is called .....
5. A computer that displays information using physical quantity is called .....
6. A support equipment setup which cannot transmit/receive data from the CPU over a communication line is said to be .....
7. A sequence of instructions written in a particular computer language, which is carried out by the hardware to solve a given problem.....
8. Printers that are known for their high speed are called .....
9. Software written to perform specific functions and to support users is called .....
10. The systems where data is converted to the machine-readable form (electronic pulses) using magnetic properties .....
11. .... approach emphasizes mathematically based models to study information systems.
12. The third step in the ethical analysis is to .....
13. An information system that focuses on problems that are unique and rapidly changing, for which the procedure for arriving at a solution may not be fully predefined in advance is known as .....
14. An information system that helps organizations manage their relationships with their customers is called .....

15. .... refers to the manner in which work is organized, coordinated, and focused to produce a valuable product or service.

16. .... is the modification or control of a process or system by its results or effects, by measuring differences between desired and actual results.

## SECTION B

**Answer Question one (1) and any other two (2) Questions in this section.**

### QUESTION 1 (16 Marks)

- a. Select an organization of your choice and succinctly discuss the dimensions of the information system that are required for achieving its objectives and goals. Use appropriate diagrams where necessary. (12 Marks)
- b. Explain the benefits of the information system on organizations. (4 Marks)

### QUESTION 2 (15 Marks)

The implementation and use of information systems in organizations always raise ethical issues that individuals, as well as companies, must carefully analyse.

- a. Explain the moral dimensions of the information age (7.5 Marks)
- b. Discuss the five steps involved when carrying out ethical analysis (7.5 Marks).

### QUESTION 3 (15 Marks)

- a. Based on your knowledge of the system theory which is the foundation of this course, explain the concept of system, components and types of systems. (10 Marks)
- b. Briefly explain the two types of software. (5 marks)

### QUESTION 4 (15 Marks)

- a. Information is vital to organizations for various purposes; explain information and the types of information that are available to organizations. (6 Marks)
- b. Explain input devices as used in a computer. (6 Marks)
- c. Highlight six characteristics of good information. (3 Marks)