## Chapter 1 – Information System

1. An information system has six parts.

    A. Define IS?

    B. Name and explain each part.

2. Name the three levels of management and the responsibility performed and flow of information in each?

3. What is the purpose of accounting department in an information system?

4. Explain the difference between MIS and TPS

5. Explain the difference between TPS and DSS

6. Explain the difference between DSS and MIS

7. Explain the difference between ESS and MIS

8. Explain the difference between DSS and ESS

9. The Decision Support System (DSS) has four parts. Two of them are decision models and the user. Name and describe the other two parts of the DSS.

10. Name and discuss the three types of the decision models In DSS.

11. The data in a DSS is stored in a database and is of two kinds. Name the two kinds of data

12. Differentiate between data workers and information workers?

13. Discuss three common categories of reports

14. Discuss four kinds of computer-based information system

    A. TPS

    B. MIS

C. DSS

D. ESS

15. Differentiate between **internal** and **external** data in an organisation?

16. State **two** roles of middle level managers in an organisation?

**Each question is worth 10 marks. Write an essay of about <u>200</u> words to answer each question.**

**<u>QUESTION 1</u>**    **<u>INFORMATION SYSTEM</u>**    **[10 marks]**

*Decision support system (DSS)* **provides a flexible tool for analysis. The DSS helps managers make decisions about unstructured problems, such as the effect of events and trends outside the organisation.**

**With reference to the above statement, discuss the following:**
- ❖ **Four** parts of DSS **(4 marks)**
- ❖ **Two** types of data in a DSS **(2 marks)**
- ❖ **Three** types of model **(3 marks)**

**<u>QUESTION 2</u>**    **<u>INFORMATION SYSTEM</u>**    **[10 marks]**

**Part of the Ministry of Education, Science and Technology's new reform is the establishment of Management Information System (MIS) Unit within the Ministry.**

**With reference to the above statement, discuss the following:**

- ❖ **Three** parts of information system required. **(3 marks)**
- ❖ The purpose of the Organisation Structure of the Ministry. **(1 mark)**
- ❖ The three management levels and information flows. **(3 marks)**
- ❖ **Two** common categories of predetermined reports that often produces. **(2 marks)**