Wesley Kamotho – DCS-03-8392/2023

a) Explain different types of information systems

- Transaction processing IS :- It is used to handle day to day transactions of the business like payroll.
- Decision support system:- Helps in complex decision making and problem-solving through analysing large amounts of data.
- Management IS:- Helps management to make decisions by providing transaction data and regular reports.
- Executive support system:- Helps the upper management by providing high-level, summarized information they can use to develop strategy and plans.
- Business expert systems:- They incorporate AI to simulate decision making process of a human experts.
- Office automation system:- Used to support office tasks and activities such as communication, document management among others.

b) Classify the different types of information used in the different management levels

- Unstructured data:- It is used by the executive level to develop goals, strategies, policies among other factors that make the organisation run efficiently.
- Semi-structured data:- It is used by the managerial level to execute plans and policies developed by the executive level to ensure the organisation functions accordingly.
- Structured data:- It is used by the operations level to ensure day to day activities of an organisations are executed accordingly.