**104KM Enterprise Information Systems**

**Tutorial Activity – Week 4**

**PART 1 : Short Questions:**

1. List the phases of Software Development Life Cycle (SDLC).

Answer:

Project Initiation and Planning

Analyzing System Needs

Designing the recommended System

Develop

Testing

Implementation

Maintenance

1. Match the following skills of the **System Analyst**.

|  |  |
| --- | --- |
| Analytical Skills | Working alone and with a team and facilitating groups |
| Management Skills | Interviewing, listening, written and oral presentations |
| Technical Skills | Decomposing project into independent tasks and determining relationships between tasks |
| Interpersonal Skills | Problem identification, analyzing and solving |
| Communication Skills | Requires continuous learning and keeping skills up-to-date |

Answer:

|  |  |
| --- | --- |
| Analytical Skills | Problem identification, analyzing and solving |
| Management Skills | Decomposing project into independent tasks and determining relationships between tasks |
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1. List different types of Information Systems.

Answer:

Transaction Processing System

Management Information System

Decision Support System

1. What are the components of the Database Management Systems (DBMS)?

Answer:

Hardware, Software, Data, Procedures, Users

1. Give five advantages of using a DBMS and list three applications of DBMS?

Advantages:

* Controlling redundancy
* Sharing of data
* Enforcing integrity constraints on data
* Data accessibility and responsiveness – restricting unauthorized access
* Providing backup and recovery

Three applications of DBMS: (Any 3 from the list below)

* Banking
* Airlines
* Sales
* Credit card transactions
* Universities
* Manufacturing, etc.

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