**Introduction to AI (COM726)**

**In-Class Quiz-1**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Group: \_\_\_\_\_\_

Q-1: In AI types – based on functionality, which of the following is reactive machines?

1. Unmanned aerial vehicle b) Manufacturing robots c) ChatGPT

Q-2: Which of the following is a concern with respect to ethical AI? Select Multiple.

1. Hallucination in ChatGPT b) Biasness in AI c) An accurate AI model

Q-3: Which of the following Python library will you use to work on datasets?

1. NumPy b) SciPy c) Pandas

Q-4: Which of the following is a generative AI?

1. Face mask detection b) House price prediction c) Text summarization

Q-5: Which of the following will be done by a Machine Learning Engineer role?

1. Text summarization b) Data pipelining c) House price prediction

Q-6: Which of the following is EDA?

1. Missing values imputation b) Querying database c) Image classification

Q-7: Which of the following is shallow learning?

1. Real-time object detection b) Mobile app. downloads prediction c) Music generation

Q-8: Which of the following is a set of data analytics tools?

1. MS Excel, Python, Power BI b) MS Word, Tableau, SQL Server c) MS PowerPoint, NumPy

Q-9: Which of the following is a company data?

1. Donald Trump’s Tweets b) UNAIDS AIDSInfo c) Employees Attendance

Q-10: What do you mean by “Singularity” in AI? Write a short answer.

The Singularity, in the context of technological advancement and artificial intelligence, refers to a hypothetical future point where machine intelligence surpasses human intelligence. It is often associated with the idea that technology will progress so rapidly that it becomes difficult to predict or control the consequences. It is a point in time when machines will superhuman capabilities, potentially leading to significant societal and ethical challenges.