## CS-101 - Virtual University MGT-301 Short Question Preparation

Q1. What is the Data Normalization? Also define its goal.

**Ans 1:** Data normalization is to sort out complex data into simple form. It uses to simplify the complex information to make it more user-friendly.

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Q2. How can you define a readable program?

**Ans 1:** A program that is easy to read & understand also easy to maintain and enhance.

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Q3. What is Structured Vector Graphics ?

**Ans 1:** This is a plug-in that is required to view swf (flash) files in the web browser

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Q4. What was the obstacle to the construction of analytical engine?

**Ans 1:** Charles Babbage had huge difficulties raising money to fund his research. As a last resort, he designed a clever mathematical scheme along with Ada, the Countess of Lovelace. It was designed to increase their odds while gambling. They bet money on horse races to raise enough money to support their research experiments Guess what happened at the end? The lost every penny that they had.

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Q5. Why the quality of image in dithering scheme is not good?

**Ans 1:** In this scheme, pixels of alternating colors are used to simulate a color that is not present in the platelet For example, red and green pixels can be alternated to give the impression of bright yellow The quality of the displayed image is poorer

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Q6. What do you mean by the term 'Telepresence' in Computing World?

**Ans 1:** Telepresence • Being there, without physically being there! • Two remotely located people, with the help of special equipment, immersed in a simulated 3-D environment where they interact like they are sitting next to each other • Chatting, a telephone conversation, or even a videoconference are examples, but in a degraded sense of the idea

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Q7. What is an IP address ?

**Ans 1:** Every device connected to the public Internet is assigned a unique number known as an Internet Protocol (IP) address.

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Q8. What are the Sub categories of Artificial Intelligence? Briefly explain any two.

**Ans 1:**  1. Robotics
These are the machines which are computer programmed and perform work which was previously done by humans. They can be found in the manufacturing industry, the military, space exploration and medical applications. 2. Expert Systems These systems are designed to replace an expert. The medical expert system is an example of such system which can replace a Doctor/medical expert

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## Q9. In JavaScript, what is event handling? What are the two types of events?

**Ans 1:**  Event handling means capturing an event and responding to that. Events e.g. on Mouse Over, On Click, on Load, On unload, updating the clock etc. are captured by the Java script & according to the programs they are responded accordingly

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## Q10. What is the difference between microprocessors and microcontrollers? Give one example of both

**Ans 1:**  The microprocessor is electronic equipment which can perform several function and also processing of data and information present in a computer, while microcontroller can only perform one function for that its design Example Microprocessors _ Pentium 4 Microcontroller _ can be a switch in side the washing machine

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