NATIONAL UNIVERSITY OF MODERN LANGUAGES, ISLAMABAD
Department of Software Engineering

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Submitted to

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(IICT)

("Question:-1")

("a")

Feasibility studies are important to business development because they can allow a business to address where and how will it operate. They can also identify potential obstacles that may impede it operations and recognize the amount of funding it will need to get the business up and running.

("b")

Validation is a documented evidence of the consistency of any process or system. Process parameters and controls are determined during the validation

of any process or system. It helps to determine the worst case and risks that may arise during the manufacturing of quality products.

("C")

A bot is a device infected by malicious code which then becomes the part of a network or net, of infected machines all controlled by a single attacker or attack group. A bot is sometimes called a zombie and a botnet is sometimes referred to as a zombie army.

("d")

A router recieves and sends data on a computer network. These are sometimes confused with network hubs, modems or network switch, however routers can combine the function of these components, and connect with these devices to improve internet access or help create business networks.

"e"

A set of rules that we have to follow is known as protocol. Compilers make use of protocols as well, to enable them to communicate. When two devices want to successfully communicate, they have to follow some rules about the way they will do it.

("Question :- 2")

Testing phase in SDLC :-

To make it run, a rigorous testing of an application in every phase in SDLC helps in producing a high quality software. Keeping it short, implementing QA activities at regular intervals in SDLC helps to enhance functionality, reliability, performance and other important quality attributes of an application.

Difference between integration & system Testing :-

System testing is a testing level at which tests are performed to known if a

compile build aligns with functional and non-functional requirements made free it. whereas integration testing is a testing stage where two or more software units are joined and tested simultaneously.

("Question:- 3")

("a")

Bandwidth is a measure of how much data can move (which is measured in X bits/S) and latency is a measure of the delay in moving that data (which) is measured in milliseconds (ms) between two nodes. In simple terms bandwidth measures size and latency measures speed.

("b")

A firewall can protect your computer and data by managing your network traffic. It does this by blocking un-solicited

and unwanted incoming network traffic. A firewall validates access by accessing this incoming traffic for anything malicious like hackers and malware that could infect our computer.

("C")

There are several ways which can we adopt to prevent the information from being stolen.

* Lock your computer with a strong and unique password.
* Safeguard all passwords. Do not keep your passwords written on a paper near your computer.
* Consistently lock your screen when you step away. Theft can happen very quickly and unexpectedly.
* Encrypt your Harddrive because if it's encrypted no one will be able to read it.
* Regularly back-up your encrypted drive to another location because if your computer is stolen you'll still have all of your information.

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