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| **SESSION** | **APRIL 2023** |
| **PROGRAM** | **BACHELOR of COMMERCE (B COM)** |
| **SEMESTER** | **II** |
| **course CODE & NAME** | **DCM1201 – Computer Awareness and Internet** |
| **CREDITS** | **4** |

**Set – 1st**

**1. Illustrate the architecture of a computer system and explain the functions of various units?**

**ANS:** The architecture of a computer system refers to its organization and structure, including the various components and their interactions.

**The following is a high-level illustration of the architecture of a typical computer system, along with an explanation of the functions of its various units:**

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whatsapp no 8791490301.

**2. Discuss the different categories of peripheral devices along with their functionality**

**ANS:** Peripheral devices are those devices that are linked either internally or externally to a computer. These devices are commonly used to transfer data. The most common processes that are carried out in a computer are entering data and displaying processed data. Several devices can be used to receive data and display processed data. The devices used to perform

**3. Briefly explain the various types of number system**

**ANS:** A number system is defined as a system of writing to express numbers. It is the mathematical notation for representing numbers of a given set by using digits or other symbols in a consistent manner. It provides a unique representation of every number and represents the arithmetic and algebraic structure of the figures.

**Set – 2nd**

**4. Briefly explain software development process.**

**ANS:** The software development process is a systematic approach to designing, creating, and maintaining software applications.

**While specific methodologies and frameworks can vary, the general software development process typically involves the following phases:**

**5. Explain different stages in Software Testing.**

**ANS: Software testing** involves the process of evaluating a software system or application to identify any defects, errors, or discrepancies between expected and actual results. The software testing process typically consists of several stages or phases, each serving a specific purpose.

**6. Explain TCP/IP Protocol layers**

**ANS: The TCP/IP (Transmission Control Protocol/Internet Protocol)** protocol suite is a set of networking protocols that form the basis of the internet and many private networks. It consists of four layers, each serving a specific purpose in facilitating communication between devices.

**Here's an explanation of the TCP/IP protocol layers:**