|  |  |
| --- | --- |
| **SESSION** | **SEPTEMBER2022** |
| **PROGRAM** | **BACHELOR of COMPUTER APPLICATIONS (BCA)** |
| **SEMESTER** | **I** |
| **course CODE & NAME** | **DCA1101 – FUNDAMENTALS OF IT & PROGRAMMING** |

**Set – I**

**1. (a). Define the term ‘Computer’?**

**Ans:** A computer is a device that receives information (in the form of digitalized data) and manipulates it for some result based on a program or sequence of instructions on how the data is to be processed. Complex computers also include the means for storing data (including the program, which is also a form of data) for some necessary duration. A program may be

Its Half solved only

Buy Complete from our online store

<https://smuassignment.in/online-store/>

MUJ Fully solved assignment available for**session Jul/Aug 2022, Exam Sep 2022.**

Lowest price guarantee with quality.

Charges**INR 200 only per assignment.**For more information you can get via mail or Whats app also

Mail id is [aapkieducation@gmail.com](mailto:aapkieducation@gmail.com)

Our website www.smuassignment.in

After mail, we will reply you instant or maximum

1 hour.

Otherwise you can also contact on our

whatsapp no 8791490301.

2. **Discuss the different classifications of computer?**

**Ans: Classification of Computers:-**

Computers are classified according to their data processing speed, amount of data that they can hold and price. Generally, a computer with high processing speed and large internal storage is called a big computer. Due to rapidly improving technology, we are always confused among the categories of computers. Depending upon their speed and memory size,

**3. Explain Random Access Memory and Read Only Memory along with their types?**

**Ans:** Main memory of a computer system is used to store programs and data. RAM provides temporary read/write storage while hard disks offer semi permanent storage. All programs must be run through RAM before they can be used. The term random derives from the fact

**Set – II**

**4. (a). Define Software Testing?**

**Ans: Software Testing** is the process of executing a program or system with the intent of finding errors. Testing presents a stimulating variance for the software engineer. During earlier software engineering activities, the engineer attempts to build software from an abstract concept to a tangible product. Now comes testing. The engineer creates a series of

**5. (a). What is Operating System?**

**Ans:** An operating system (OS) is a platform that controls the implementation of an application program and acts as an interface between the user and computer hardware. The purpose of an OS is to provide an environment in which a user can execute programs in a

**6. (a). Explain OSI Reference model?**

**Ans:** The layered model that dominated data communications and networking literature before 1990 was the Open Systems Interconnection (OSI) model. Everyone believed that the OSI model would become the ultimate standard for data communications, but this did not

**(b). How is data transmission done in OSI model?**

**Ans: Data transmission in OSI model:-** The sending process has some data it wants to send to the receiving process. It gives the data to the application layer, which then attaches the application header, AH (which may be null), to the front of it and give the resulting item to