**SESSION**

**JUL/AUG 2021**

**PROGRAM**

**BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

**SEMESTER**

**I**

**COURSE CODE & NAME**

**DBB1105 – COMPUTER FUNDAMENTALS**

**SET -1**

**1. How would you define Computers? Explain the generation of the computers.**

The term ‘computer’ is derived from the word ‘compute’, which means to calculate. A computer can be defined as an electronic device which processes the input (data) and displays the desired output. Computer is also used for storing data.

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whatsapp no 8791490301.

**2. Convert the following hexadecimal numbers into equivalent octal numbers. (a) A72E (b) 4.BF85**

**Convert (10101)2 hexadecimal using shortcut method.**

1. **A72E**

A72E16 = (A x163+ 7 x 162+ 2x161 + E x 160)

= (10 x163+ 7 x 162+ 2x161 + 14 x 160)

= 4279810

Now we have to convert this decimal to octal number;

**3. Explain Relative Cell Reference with the help of example? Explain the steps to use slide master in a presentation.**

**Relative cell references** in Excel change automatically. It is the **default reference** used by Excel. It enables you to quickly copy formulas from one location to next (usually rows or columns). For example**,** A5 for a single cell (relative address); A5:A10 for a range of cells (relative

**SET-2**

**4. Explain the two design strategies for Software System Design. What are the four quality measures for building software?**

Software design is a process to conceptualize the software requirements into software implementation. Software design takes the user requirements as challenges and tries to find

**5. What are the main functions of operating system? Describe various components of operating systems.**

**Functions of Operating System**

The main functions of an operating System are:

**Resource Management:**

The resource management function of an operating system allocates computer resources such as CPU time, main memory, secondary storage, and input and output devices for use. One can view Operating Systems from two points of views: Resource manager and extended

**6. Elaborate the TCP/IP protocol layers with the help of diagram. Explain how internet works.**

**Transmission Control Protocol/Internet Protocol Model**

TCP/IP (Transmission Control Protocol/Internet Protocol) is the simple communication language or protocol of the Internet. It can also be used as a communications protocol in a private network (either an intranet or an extranet). When you are set up with direct access to the Internet, your computer is provided with a