**Roll No** ................................

# BE-205 (GS)

### **B.E. I & II Semester** Examination, June 2020
### **Grading System (GS)**
### **Basic Computer Engineering**
*Time : Three Hours*

*Maximum Marks : 70*

*Note:* i)  Attempt any five questions.

     ii)  All questions carry equal marks.

1. Write a brief notes on different types of networking devices.

2. a) Explain the organization of computer writing function of each component of draw diagram for it.
   b) Discuss the applications of computer in the field of computer Gaming, Multimedia and Animation.

3. a) Differentiate between :
      i)  System software Vs Application software
      ii) RAM Vs ROM
   b) Briefly explain the functions of operating system.

4. a) Explain the various kinds of looping statements in C++?
   b) Write a program in C++ to convert the given binary number into the decimal number.

5. Explain the significance of array? What are different types of array?

6. What is the significance of friend function? How is friend function different from member function.
   
   OR
   
   What is a constructor? How do we invoke a constructor function.

7. a) Draw ISO - OSI model of computer networking? Write down for each of its layers?
   b) What is ecommerce? What are its advantages?

8. Write short note :(any two)
   a) Primary key              b) DBA
   c) Types of cloud        d) DDL
   e) DML

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