

**Accurate Institute of Management & Technology, Greater Noida**

**First Sessional Exam (Even Semester 2020-21)**

**Course:-MCA Year:-First Year Semester:-2nd**

**Subject Name:-Operating System (KCA-203)**

**Maximum Marks:-30**

**Time Duration:-90minutes**

### **SECTION-A**

**Q1.Attempt all Questions**

**(5×2=10 marks)**

- a. Explain Operating System.
- b. What is Kernel?
- c. Explain Resource Management.
- d. Explain User Space and Kernel Space.
- e. How Monolithic Kernel are different from Micro Kernel System?

### **SECTION-B**

**Q2.Attempt any four Questions**

**(4×3=12 marks)**

- a. Explain Layered Structure of Operating System.
- b. What are the Services Given by Operating System?
- c. What are Reentrant Kernel?
- d. Why there is a need of Operating System in our computers?
- e. “Operating System provides convenience to users” Explain this statement.

### **SECTION-C**

**Q3.Attempt any one Question**

**(1×4=4 marks)**

- a. What are the components of Operating System?
- b. What are the different types of Operating System?