Ajay Kumar Garg Engineering College, Ghaziabad

Department of MCA

Sessional Test-2

Course:	MCA	Semester:	1
Session:	2017-18	Section:	MCA-1
Subject:	CCPP	Sub Code:	RCA-101
Max Marks:	50	Time:	2 hour

Note: Answer all the sections.

Section-A

A. Attempt **all** the parts. (5 X 2 = 10)

1. What are modern computing models?
2. List 4 functions of an operating system.
3. Write an algorithm to calculate area of circle.
4. What is meant by E-Waste?
5. Write a program to display your name in python programming language.

Section-B

B. Attempt **all** the parts. (5 X 5 = 25)

6. Why Green Computing is required? Explain.
7. What is Internet of things? How IOT is a network of networks? Explain.
8. Draw and explain ANDROID OS architecture with key components.
9. What are the attributes of a good programming language? Explain any two.
10. What is a problem solving approach? Explain any one.

Section-C

C. Attempt **all** the parts. (2 X 7.5 = 15)

11. What is big data? Explain three V's of Big Data with example of each.
12. What is binding time? Explain standardization and internationalization with suitable examples.