

Ajay Kumar Garg Engineering College, Ghaziabad

Department of CSE

Sessional Test-2

Course: B.Tech Semester: II
 Session: 2020-21 Section: S-1 to S-9
 Subject: Emerging Technology for Engineering Sub. Code: KMC-202
 Max Marks: 50 Time: 2 hours

OBE Remarks:

Q.No.	1	2	3	4	5	6	7	8	9	10	11	12
CO No.	2	3	3	3	2	2	3	3	2	2	3	2
Weightage CO2: 26.5						Weightage CO3: 23.5						

Note : Answer **all** the sections.

Section-A

A. Attempt **all** the parts. **(5x2 =10)**

1. Why internet is necessary for cloud computing?
2. What is bitcoin wallet?
3. Write the name of any three cryptocurrencies.
4. Write the role of miner in blockchain network.
5. Write different cloud service providers and their product names.

Section-B

B. Attempt **all** the parts. **(5x5 = 25)**

6. What is cloud computing? Explain its layered architecture.
7. What is Smart contract? Explain its features.
8. Define Blockchain Technology. Explain process of adding a block in blockchain with diagram.
9. What is AWS? Explain its working.
10. Explain cloud computing services provided by Google.

Section-C

C. Attempt **all** the parts. **(2x7.5 = 15)**

11. Explain components of blockchain. Why is blockchain considered so safe?
12. Explain about cloud computing its nature and benefits.