

M.Sc.(IT & CA) Semester - 2 (CBCS) Examination
March/April – 2026 (As Per Syllabus Year-2018)
CLOUD COMPUTING(CORE)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

Que.1(A)	Answer the following questions	(03)
	1. Definition grid computing. 2. Full form of NSIT. 3. Definition: Public Cloud.	
Que.1(B)	Answer the following questions (ANY TWO)	(06)
	1. Explain Utility Computing? 2. Explain Cloud Computing. 3. Explain Role of open standards.	
Que.1(C)	Answer the following questions (ANY ONE)	(05)
	1. Explain SaaS(Software as a Service). 2. Explain Distributed vs cluster computing.	
Que.2(A)	Answer the following questions	(03)
	1. Definition: Data Privacy. 2. Full form of VM 3. Full form of IaaS	
Que.2(B)	Answer the following questions (ANY TWO)	(06)
	1. Explain Server. 2. Explain Network. 3. Explain Host Level Security.	
Que.2(C)	Answer the following questions (ANY ONE)	(05)
	1. Explain Application-level Security. 2. Explain advantages of IaaS.	
Que.3(A)	Answer the following questions	(03)
	1. Full form of PaaS. 2. Full form of SOA. 3. List Storage Examples.	
Que.3(B)	Answer the following questions (ANY TWO)	(06)
	1. Explain Web 2.0 2. Explain Computation. 3. Explain Service Level Agreements.	
Que.3(C)	Answer the following questions (ANY ONE)	(05)
	1. Explain Web OS 2. Explain Traditional vs. Cloud.	
Que.4(A)	Answer the following questions	(03)
	1. Full form ISP. 2. List types of Virtualizations. 3. What is integration service in Hyper-V?	
Que.4(B)	Answer the following questions (ANY TWO)	(06)
	1. Explain VMWare 2. Explain Hypervisor. 3. Explain Implementation of Virtualization.	

- Que.4(C) Answer the following questions (ANY ONE) (05)
1. Explain Xen Server
 2. Explain objectives of Virtualization.
- Que.5(A) Answer the following questions (03)
1. EC2 stands for_____.
 2. API Stands for_____.
 3. What is Cluster?
- Que.5(B) Answer the following questions (ANY TWO) (06)
1. Explain Walrus
 2. Explain Architecture Amazon EC2.
 3. Explain Cloud Controller.
- Que.5(C) Answer the following questions (ANY ONE) (05)
1. Explain Eucalyptus
 2. Explain architecture Microsoft Azure.
