

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2026
(Sixth Semester)

Branch – **COMPUTER SCIENCE**

CLOUD COMPUTING

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Cloud computing is primarily based on: i) Distributed computing ii) Local computing iii) Personal computing iv) Parallel computing only	K2	CO1
	2	Which is NOT a characteristic of cloud computing? i) On-demand self-service ii) Broad network access iii) Resource pooling iv) Fixed hardware allocation	K1	CO1
2	3	Amazon EC2 is an example of: i) Storage service ii) Compute service iii) Database service iv) Content delivery service	K1	CO2
	4	Windows Azure Table Service is a: i) Relational database ii) NoSQL database iii) File storage system iv) Messaging service	K2	CO2
3	5	Amazon S3 is used for: i) Running applications ii) Object storage iii) Data analytics iv) Virtual machine creation	K1	CO3
	6	SOA stands for: i) Service Oriented Architecture ii) Software Open Access iii) Secure Online Applications iv) System Object Architecture	K2	CO3
4	7	Auditing in cloud security is used for: i) Tracking and recording activities ii) Encrypting files iii) Speeding up processing iv) Allocating more RAM	K2	CO4
	8	Which is a cloud security threat? i) Data breach ii) Virtualization iii) Load balancing iv) Elasticity	K1	CO4
5	9	Cloud computing in healthcare can be used for: i) Storing patient records securely ii) Playing online games iii) Selling medicines online only iv) Advertising only	K1	CO5
	10	One benefit of cloud computing in education is: i) Limiting access to learning materials ii) Providing online learning platforms iii) Reducing teacher salaries iv) Removing classroom teaching	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain the risks and challenges of cloud computing.	K2	CO1
		(OR)		
	11.b.	Outline the historical perspective of data centers .		
2	12.a.	Explain the purpose of Amazon EC2 software.	K2	CO2
		(OR)		
	12.b.	Illustrate the benefits of cloud object storage in Amazon S3.		
3	13.a.	Identify the limits of free services from Amazon	K3	CO3
		(OR)		
	13.b.	Investigate the need for considering AWS security issues.		
4	14.a.	Develop the steps for creating a virtual server using EC2.	K3	CO4
		(OR)		
	14.b.	Show the working of Elastic compute Cloud (EC2).		
5	15.a.	Identify the steps to host a static website and explain.	K3	CO5
		(OR)		
	15.b.	Organize the process of considering Amazon S3 Standard		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Discuss and compare IaaS, PaaS and SaaS protocol in cloud computing	K2	CO1
2	17	Draw the general architecture of Software Defined Networks (SDN).	K2	CO2
3	18	Choose the hardware requirements for Amazon services	K3	CO3
4	19	Examine the steps for starting with Lambda console.	K4	CO4
5	20	Develop the process of combining S3 with Lambda.	K3	CO5

Z-Z-Z

END