

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
BSc DEGREE EXAMINATION MAY 2025  
(Sixth Semester)

Branch – COMPUTER SCIENCE

**CLOUD COMPUTING**

Time: Three Hours

Maximum: 50 Marks

**SECTION-A (5 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 Choose the father of cloud computing.  
(i) Sharon B. Codd (ii) Edgar Frank Codd  
(iii) J.C.R. Licklider (iv) Charles Bachma
- 2 Which architectural layer is used as a backend in cloud computing?  
(i) Cloud (ii) Soft  
(iii) Client (iv) Hard
- 3 Find out the technology used to distribute service requests to resources.  
(i) load performing (ii) load scheduling  
(iii) load balancing (iv) load backing
- 4 Name the AWS service is used to launch and manage virtual servers in the cloud.  
(i) Amazon S3 (ii) AWS Lambda  
(iii) Amazon EC2 (iv) Amazon RDS
- 5 State an index of elastic search .  
(i) A collection of Documents (ii) A Single Document  
(iii) A Method for Caching Queries (iv) A Backup of Database

**SECTION - B (15 Marks)**

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Apply Challenges of cloud computing.  
OR  
b Explain Deployment models.
- 7 a Describe cloud storage.  
OR  
b Develop a cloud database.
- 8 a State AWS cloud.  
OR  
b Show the Free tier services.
- 9 a Outline the virtual server.  
OR  
b Analyze Beanstalk.
- 10 a Bring out the performing backup.  
OR  
b Summarize about Elastic file system.

Cont...

**SECTION -C (30 Marks)**

Answer ALL questions  
ALL questions carry EQUAL Marks (5 x 6 = 30)

- 11 a Identify cloud Infrastructure.  
OR  
b Discuss about cloud Architecture types.
- 12 a Examine Virtualization.  
OR  
b Sketch out the distributed file system.
- 13 a Categorize Hardware and software requirements of free services.  
OR  
b Assume the AWS security issues.
- 14 a Point out working and access management console with identity.  
OR  
b Elucidate about a basic Lambda applications.
- 15 a Classify Infrequent access.  
OR  
b. Enumerate working with elastic search service.