

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCA DEGREE EXAMINATION DECEMBER 2023
(Fifth Semester)

Branch – COMPUTER APPLICATIONS

CLOUD APPLICATIONS AND DEVELOPMENT

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Who is the father of cloud computing?
(i) Sharon B.Codd (ii) Edgar Frank Codd
(iii) J.C.R. Licklider (iv) Charles Bachman
- 2 Which of the following lets a service advertise itself in terms of a collection of Endpoints?
(i) WSDL (ii) VMC
(iii) SOAP (iv) XMR
- 3 What is cloud computing replacing?
(i) Corporate data centers (ii) expensive software upgrades
(iii) expensive personal computer hardware (iv) all of the above
- 4 The term __ refers to a Network or Internet
(i) CRM (ii) cloud
(iii) cloud computing (iv) computing
- 5 Which of the following are the features of cloud computing?
(i) Security (ii) Availability
(ii) Large Network Access (iv) all of the above

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Narrate the term cloud computing.
OR
b Analyze the concept of virtualization.
- 7 a Explain content delivery services.
OR
b Summarise analytics Services.
- 8 a Show the cloud application design.
OR
b State the cloud application methodology.
- 9 a Describe streaming protocols.
OR
b Explain workload characteristics.
- 10 a Describe auditing.
OR
b Apply the field healthcare in cloud computing.

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Elucidate cloud based services and applications.
OR
b Enumerate scalability and elasticity.
- 12 a Analyze storage services in cloud computing.
OR
b Explain the deployment & management services.
- 13 a Enumerate Data storage approaches.
OR
b Explain reference architecture for cloud applications.
- 14 a Identify the live video streaming app in cloud.
OR
b Examine the benchmarking tools.
- 15 a Illustrate the cloud security architecture in cloud computing.
OR
b Apply the concept of cloud computing in Education.

Z-Z-Z

END