

SP-706

M.Sc. (Final) Examination, 2021

COMPUTER SCIENCE

Paper - MCS-205 (C)

(Cloud Computing)

Time : 1½ Hours]

श्री जैन (पी.जी.) कॉलेज, बीकानेर [Maximum Marks : 50

Section-A

(Marks : 2 × 10 = 20)

Note :- Answer all ten questions (Answer limit 50 words). Each question carries 2 marks.

(खण्ड-अ)

(अंक : 2 × 10 = 20)

नोट :- सभी दस प्रश्नों के उत्तर दीजिए (उत्तर-सीमा 50 शब्द)। प्रत्येक प्रश्न 2 अंक का है।

Section-B

(Marks : 3 × 5 = 15)

Note :- Answer all five questions. Each question has internal choice (Answer limit 200 words). Each question carries 3 marks.

(खण्ड-ब)

(अंक : 3 × 5 = 15)

नोट :- सभी पाँच प्रश्नों के उत्तर दीजिए। प्रत्येक प्रश्न में विकल्प का चयन कीजिए (उत्तर-सीमा 200 शब्द)। प्रत्येक प्रश्न 3 अंक का है।

Section-C

(Marks : 5 × 3 = 15)

Note :- Answer any three questions out of five (Answer limit 500 words). Each question carries 5 marks.

(खण्ड-स)

(अंक : 5 × 3 = 15)

नोट :- पाँच में से किन्हीं तीन प्रश्नों के उत्तर दीजिए (उत्तर-सीमा 500 शब्द)। प्रत्येक प्रश्न 5 अंक का है।

BI-455

(1)

SP-706 P.T.O.

Section-A

1. (i) Define VMware.
- (ii) What is Virtualization ?
- (iii) Define Cloud services with example.
- (iv) Define Private Cloud.
- (v) What is Hybrid Cloud ?
- (vi) Define Big Data.
- (vii) What is Encryption ?
- (viii) What are Cloud Tools ?
- (ix) Define Multitenancy.
- (x) Give example of (SaaS) architecture.

Section-B

2. Write short notes on the following :
 - (a) Google app engine
 - (b) VMware

Or

Mention the layers of cloud platform as a server (PaaS) architecture.

3. What is Virtualization ? Discuss the characteristics of virtualization.

Or

What is Hypervisor ? List out some examples.

4. Explain briefly about various cloud services and their major providers.

Or

Write short notes on the following :

- (a) Public cloud
- (b) Private cloud

5. What are pros and cons in comparison of Public vs. Hybrid Cloud ?

Or

Write short notes on the following :

(a) On Premises

(b) Off Premises

6. Explain data privacy and security issues.

Or

What is Host level security ?

Section-C

7. Explain the vectors features, characteristics and components of cloud computing system.

8. Explain virtualization concepts and its objectives.

9. Explain International standards for Cloud Implementation.

10. How we Installing cloud services ?

11. Explain Data Privacy and Security Issues in Cloud Computing.