

2111000106020001
EXAMINATION JUNE - 2025 (PURAK EXAM)
BACHELOR OF COMPUTER APPLICATIONS
(SIXTH SEMESTER)
PAPER- 602-E-COMMERCE AND CYBER SECURITY
LEVEL -2

[Time: As Per Schedule]

[Max. Marks: 70]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATIONS (SIXTH SEMESTER)**
 - b. Name of the Subject: **PAPER- 602-E-COMMERCE AND CYBER SECURITY LEVEL -2**
 - c. Subject Code No: **2111000106020001**
2. Sketch neat and labelled diagram wherever necessary.
 3. Figures to the right indicate full marks of the question.
 4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer in short (Any 7)

14

- A. What are worms and virus?
- B. Define the term E-commerce.
- C. What is DNS?
- D. What is Bots?
- E. List out threats of Cyber Security.
- F. Define the term: Software Piracy.
- G. What is Malware? List out its type.
- H. Define the term M-Commerce.

Q.2 Attempt any 2:

14

- A. Write a short note on Generic framework of E-commerce.
- B. Write a note on Routers and Hubs.

C. Write a short note on Components of I-way.

Q.3 Answer the following (any 2): **14**

A. List the transaction models. Explain any three models from them.

B. Discuss e-Commerce Payment System.

C. Explain Man-in-Middle attacks.

Q.4 Attempt any 2: **14**

A. Write the notes on Email Stalking and Internet Stalking.

B. Discuss different types of Bots.

C. Explain DDoS attack.

Q.5 Attempt any 2 **14**

A. Write a notes on Phases of Ethical Hacking.

B. Discuss Areas of Penetration Testing.

C. Explain Types of Hackers in detail.

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EXAMINATION JUNE - 2025 (PURAK EXAM)
BACHELOR OF COMPUTER APPLICATIONS (SIXTH SEMESTER)
FUNDAMENTALS OF CLOUD COMPUTING LEVEL 1

[Time: As Per Schedule]

[Max. Marks: 70]

Instructions:

- 1. Fill up strictly the following details on your answer book**
 - a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATIONS (SIXTH SEMESTER)**
 - b. Name of the Subject : **FUNDAMENTALS OF CLOUD COMPUTING LEVEL 1**
 - c. Subject Code No : **2211000106010002**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer following in short [Any 7]

14

1. What is Data Center?
2. List out type of clouds.
3. What is DaaS?
4. Explain load balancing.
5. Define term Private cloud.
6. What is hypervisor?
7. What is block storage?
8. What is OLAP?

Q.2 Answer the following question (any 2)

14

1. Explain architecture of cloud computing.
2. What is CSA? Explain in detail.

OR

1. Explain 5 V's of Big data.
2. Explain SOA in detail.

Q.3 Answer the following question (any 2) 14

1. Explain para virtualization in detail. Give difference between full and para virtualization.
2. Explain Public cloud.
3. What is cloud computing? Explain advantages and disadvantages of cloud computing.

Q.4 Answer the following question (any 2) 14

1. Explain cloud infrastructure component in detail.
2. What is Big Data? Explain its advantages and disadvantages.
3. What are the types of cloud storage device? Explain File storage in detail with example.

Q.5 Write a note on (any 2) 14

1. Data warehouse
2. OLAP
3. Data Lake
