

RAN-2111000106020001

T.Y.B.C.A. (Sem. VI) Examination September - 2025 (Paper - 602) E - Commerce and Cyber Security

Time: 3 Hours]

[Total Marks: 70

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| <p>सूचना : / Instructions</p> <p>(1) उपरोक्त दशविल विगतो उत्तरवही पर अवश्य लખवी. Fill up strictly the above details on your answer book</p> <p>(2) All questions are compulsory.</p> <p>(3) Figure to the right indicate full marks.</p> <p>(4) Mention your options clearly.</p> | <p>Seat No.:</p> <table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> </table> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p style="text-align: center;">Student's Signature</p> </div> | | | | | | |
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- Q-1. Answer in short (Any 7) 14**
1. Define M-Commerce and Differentiate with E-Commerce.
 2. What is Virus?
 3. What is DDOS?
 4. Define E-Cash.
 5. Define SSL.
 6. Define Malware.
 7. List out Class of IP4 address and Address range.
 8. List out Methods Used in Cyber Threats.
- Q-2. Do as Directed [Any Two] 14**
1. Explain E-Commerce Framework in detail.
 2. What is an ethical hacker and what are the Skills required? List roles and responsibilities?
What are the advantages of Ethical hacking?
 3. Define E-Mail Bombing. How Email Bomb attacks work?
 4. Explain Man in Middle attack and Email attack in detail.
- Q-3. Do as Directed [Any Two] 14**
1. Explain E-Commerce Transaction Model in detail.
 2. Define Credit Card, Debit Card, Smart Card
 3. Explain Components of 1-Way.
- Q-4. Do as Directed [Any Two] 14**
1. Explain Cyber Squatting, Cyber Smearing, Cyber Stacking with suitable example.
 2. Explain firewall in detail.
 3. Explain the following networking terms IP Address, MAC Address, DHCP, Router, Bots. Differentiate IP address and MAC address
- Q-5. Do as Directed [Any Two] 14**
1. Explain SQL Injection in detail.
 2. Explain IPR violations and copyright infringement.
 3. Write a note on E-Commerce Consumer Applications
 4. Types of Hackers



RAN-2211000106010002

Third Year Bachelor of Computer Applications (Sem. - VI) Examination September - 2025 Fundamentals of Cloud Computing

Time: 3 Hours]

[Total Marks: 70

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| <p>सूचना : / Instructions</p> <p>(1) उपरोक्त दशविल विगतो उत्तरवली पर अवस्थ लखवी. Fill up strictly the above details on your answer book.</p> | <p>Seat No.:</p> <table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table> <p>Student's Signature</p> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
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- Q. 1. Answer in short (any 7) (14)**
1. What is the difference between block and file storage?
 2. What do you mean by cloud in cloud computing?
 3. What are the infrastructure component of Cloud? List 3 cloud provider name.
 4. Explain utility computing.
 5. What is the difference between NaaS and DaaS?
 6. Define Big Data. List out challenges of Big Data.
 7. What do you mean by Hybrid Cloud? List out its disadvantages.
 8. Explain emulation.
- Q. 2. Answer the following question (any 2) (14)**
1. Discuss characteristics of cloud computing.
 2. Explain IaaS and PaaS model in detail with its advantage and disadvantages.
- OR**
1. Explain advantages and disadvantages of Cloud Computing.
 2. Explain public and private deployment model. Give the difference between them.
- Q. 3. Answer the following question (any 2) (14)**
1. Explain Full virtualization in detail.
 2. Discuss Hypervisor. Compare Type 1 and Type 2 Hypervisor.
 3. Write a note on cloud computing architecture.
- Q. 4. Answer the following question (any 2) (14)**
1. Explain data lake. Give difference between data lake and Data warehouse.
 2. Explain data storage application in details.
 3. What is CSA? Explain in detail.
- Q. 5. Answer the following question (any 2) (14)**
1. Compare traditional database and bigdata.
 2. Explain OLTP with example.
 3. Explain SOA.