

7. The science and art of breaking the secret code is
 a. Cryptanalysis b. Cryptography c. Steganography d. None of these
8. _____ is a process which verifies the identity of a user who wants to access the system.
 a. Authentication b. Non-repudiation c. Integrity d. None of the above
9. URL stands for –
 a. Universal Remote Locator b. Universal Resource Language
 c. Uniform Resource Locator d. Uniform Resource Language
10. The acronym DES stands for
 a. Data Encryption Standard b. Digital Encryption System
 c. Digital Evaluation System d. Double Encryption Standard
11. The DES Algorithm Cipher System consists of ____ rounds (iterations) each with a round Key.
 a. 12 b. 18 c. 9 d. 16
12. In tunnel mode, IPsec protects the _____
 a. Entire IP packet b. IP header c. IP payload d. IP trailer

PART B

ANSWER ANY FOUR OUT OF SIX

(4x7=28)

1. What is the need for computer security? How many types of network security attacks are there?
2. Draw a neat diagram of DES Procedure and mention the steps.
3. Explain with Example-Mono alphabetic cipher.
4. What is KEY-DISTRIBUTION-CENTER?
5. Write the advantages and disadvantages of symmetric key cryptography
6. Explain IPSEC.

PART C

ANSWER ANY TWO OUT OF FOUR

(2x15=30)

1. Write a short note on various kind of FIREWALLs.
2. Explain Digital Signature in details with neat diagram.
3. Explain the architecture of ELECTRONIC –MAIL.
4. What are the Major Network security goals? Explain.



ARKAJAIN
University
Jharkhand

7th Semester Examination -2021-22

Subject : E-COMMERCE and ERP (Open Elective-II)
Course : BTECH CSE
Full Marks : 70

Roll No :
Time : 3 Hours.

Instructions to the Candidates:

- Read the question paper very carefully.
- Candidates are required to give their answers in their own words as far as practicable.
- Question Paper is divided into Three Parts -A, B & C.
- Part-A is containing 12 multiple choice questions.
- Part- B containing SIX questions out of which FOUR questions are to be answered.
- Part C containing FOUR questions out of which TWO questions are to be answered.
- Do not write anything except your Roll No. on the question paper.
- Possession of Mobile Phones or any kind of Written Material, Arguments with the Invigilator or Discussing with Co-Student will comes under Unfair Means and will Result in the Cancellation of the Papers.

PART A

(12x1=12)

MULTIPLE CHOICE QUESTIONS

1. The dimension of e-commerce that enables commerce across national boundaries is called _____
a. Interactivity b. Global reach c. Richness d. None of these
2. Which of the following describes e-commerce?
a. Doing business electronically b. Doing business
c. Sale of goods d. All of the above
3. A _____ is a document, typically written in plain text interspersed with formatting instructions of h
a. Web page b. home page c. domain d. none of these
4. Monster.com is an example of _____ website
a. C2C b. B2E c. B2B d. B2C
5. What are plastic cards, the size of a credit card that contains an embedded chip on which digital Information can be stored.
a. Customer relationship management system cards b. E-government identity cards
c. Smart cards d. None of the above
6. Most individuals are familiar with which form of E-Commerce?
a. B2B b. B2C c. C2B d. C2C

7. A _____ is the set of planned activities designed to result in a profit in a marketplace.
a. business model b. profit plan c. business plan d. revenue model
8. Which products are people most likely to be comfortable buying on the internet?
a. Books b. PCs c. CDs d. All of the above
9. The solution for all business need id _____.
a. EDI b. ERP c. SCM d. None of these
10. What is the percentage of customers who visit a website and actually buy something called?
a. Affiliate programs b. Click-through c. Spam d. Conversion rate
11. Which of the following are advantages normally associated with B2B e-commerce?
a. Shorter cycle time's b. Reduction in costs
c. reaches wider audience's d. all of the above
12. Broadband is generally considered to be any communication technology allowing streaming audio and video at or above _____.
a. 100 kbps b. 56.6 kbps c. 10 kbps d. 30 kbps

PART B

ANSWER ANY FOUR OUT OF SIX

(4x7=28)

1. Explain online selling techniques.
2. What is concept selling? Explain.
3. Discuss the security issues when electronic cash is transferred over internet.
4. Explain Production and planning module in ERP.
5. What is digital payment system? Explain.
6. Define Digital Currencies. What is E-Cash?

PART C

ANSWER ANY TWO OUT OF FOUR

(2x15=30)

1. What is E-Cash? Explain its working principle.
2. What is Customer relationship Management Module in ERP? Why it is required? Explain.
3. Why Smart card is used? Explain the working principle of Smart Card
4. Write a short note on Electronics Payment Methods.



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PART A

MULTIPLE CHOICE QUESTIONS

(12x1=12)

1. Plant receive their nutrient mainly from
a. Chlorophyll b. Atmosphere c. Light d. Soil
2. Plant synthesis protein from
a. Starch b. Sugar c. Amino Acid d. Fatty Acid
3. Plants absorb dissolved nitrates from soil and convert them into
a. Free Nitrogen b. Urea c. Ammonia d. Protein
4. Movement of cell against concentration gradient is called
a. Osmosis b. Active Transport c. Diffusion d. Passive Transport
5. Photosynthesis generally takes place in which part of the plant
a. Leaf and chloroplast bearing parts c. Stem and Leaf
b. Roots and chloroplast bearing parts d. Bark and Leaf
6. Prokaryotic cells lack
a. Nucleolus c. Nuclear Membrane
b. Membrane bound by organelles d. All of these
7. The term cell was given by
a. Robert Hooke b. Tatum c. Schwann d. De Bary

