Dr. Babasaheb Ambedkar Open University
Term End Examination March – 2021

Course	**:**	**BCA(DES)**	**Date**	**:**	**06-March-2021**
Subject Code	**:**	**BCA-306(DES)-UI-IX.**	**Time**	**:**	**10:00am to 12:00pm**
Subject Name	**:**	**Global computer network-2**	**Duration**	**:**	**02 Hours**
			Max. Marks	**:**	**50**

Section A

Answer the following (Attempt any two) **(20)**

1. What is Ecommerce what are the benefits of Ecommerce?
2. What is network security policy? Discuss its importance.
3. What is Web ring and what was the purpose it serves.
4. Discuss Disaster Recovery Plans, Discuss Its Importance.

Section B

Answer the following (Attempt any three) **(15)**

1. What is Circuit-level gateway?
2. What is Proxy server?
3. What is Cryptology?
4. What is digital signature?
5. How the digital signature works?

Section

Part – A (Multiple Choice Questions) **(10)**

1 DES is the most widely used cryptographic algorithm. DES Stands for:

A Data Encryption Standard B Date Error system
C Data Encryption System D Data Entry System

2 International Data Encryption Algorithm is a commercial symmetric cipher which uses 128-bit keys. developed in :

A 1995 B 1999
C 1990 D 1988

3 Blowfish is a symmetric cipher with a variable key length from :

A 8 to 16 bits B 32 to 448 bits
C 16 to 32 bits D Unlimited

4 A limited variant of Rijndael was selected by NIST as the new AES in :

A 2008. B 2001.
C 2010. D 2011.

5 An authentication protocol is a type of cryptographic protocol with the purpose of authenticating entities wishing to communicate securely. Authentication protocols such as:

A AKA B CRAM-MD5
C CAVE-based D All the Above

6 It is a part of online catalogue that keeps tracks of the item, which have been decided by the buyer to buy.

A The Catalogue cart B On line Cart

C Shopping Cart D Item Cart

7 Usually takes places in an established competitor's market location.

A Offensive Strategy B Defensive Strategy

C Substantive Strategy D Extensive Strategy

8 It is a hardware or software system that prevents unauthorized access to or from a network

A Firewall B Defender

C Authentication D None of Above

9 One usually takes place in the firm's own current market position, as a defensive against possible attacks by a rival.

A Offensive Strategy B Extensive Strategy

C Substantive Strategy D Defensive Strategy

10 Consumers can directly post their requirement for sale or purchase here.

A C2C B B2C

C B2B D None of the Above

Part – B (Do as Directed) **(05)**

State weather the following statement are True or False

1 Webrings can be considered a search engine optimization technique.

2 ATM is the automatic teller machine is commonly used in bank financial transactions

3 M- Commerce is Mobile commerce. A cell phones can be used to conduct commercial transactions.

4 A merchant account is a contractual relationship between the customer and the merchant and a processing bank or any independent organization.

5 E-commerce is the usage of Web and Internet for business transaction.

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