V

(20516)

Roll No. ....

BCA-VI Sem.

18026

B. C. A. Examination, May 2016

Computer Network Security

(BCA-601)

(New)

Time : Three Hours]   *[Maximum Marks : 75*

Note : Attempt questions from all Sections as per instructions.

Section-A

(Very Short Answer Questions)

Attempt all the *five* questions. Each question carries 3 marks. Very short answer is required.   3×5=15

1. What are the various security mechanism ?

2. What do you mean by brute force attack and intrusion ?

3. Write the three dimensions of cryptographic systems.

4. What is the difference between substitution and transposition technique ?

5. What is the difference between threat and attack ?

Section-B

(Short Answer Questions)

Attempt any *two* questions out of the following three questions. Each question carries 7½ marks. Short answer is required.   7½×2=15

6. Explain secure socket layer in detail.

7. What are the properties that digital signature should have ?

8. Define briefly the playfair cipher and Ceaser cipher.

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Section-C

(Detailed Answer Questions)

Attempt any *three* questions out of the following five questions. Each question carries 15 marks. Answer is required in detail. 15×3=45

9. Explain IP security architecture. Show how ESP works in transport and tunnel mode.

10. What is RSA algorithm ? Explain the generation of public and private keys and hence generation of cipher text through RSA with the help of example.

11. What are the various types of firewalls ? Explain each of them in detail.

12. What is configuration management and SNMPv3 ? Explain in detail.

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V

(20516)

BCA-VI Sem.

Roll No. ....

18028

B. C. A. Examination, May 2016

E-Commerce

(BCA-603)

(New)

Time : Three Hours] [*Maximum Marks : 75*

Note : Attempt questions from all Sections as per instructions.

Section-A

(Very Short Answer Questions)

Attempt all the *five* questions. Each question carries 3 marks. Very short answer is required not exceeding 75 words. 3×5=15

1. What do you mean by 'Electronic Markets' ?

2. What is E-Commerce evaluation ?

3. Explain the characteristics of B2B EC.

4. What do you understand by 'Free Speech' ?

5. What is multimedia delivery ?

Section-B

(Short Answer Questions)

Attempt any *two* questions out of the following three questions. Each question carries 7½ marks. Short answer is required not exceeding 200 words. 7½×2=15

6. Write a note on 'Infrastructure for E-Commerce'.

7. What do you mean by security protocols ? Discuss briefly the leading protocols for securing the process of online transactions.

8. What are the prospects of Electronic Payment System?

Section-C

(Detailed Answer Questions)

Attempt any *three* questions out of the following five questions. Each question carries 15 marks. Answer is required in detail. 15×3=45

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9. Describe the ethical and other public policy issues relating to E-Commerce.

10. What do you mean by Electronic-data interchange ? Discuss the benefits and applications of Electronic-data interchange.

11. What do you understand by "Extranets" ? Describe the business models of extranet applications.

12. What are the cyber attacks ? Discuss the measures that can be deployed as a safeguard from cyber attacks in an organization.

13. Discuss the managerial issues relating to analysing Web-visits.

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(20516)

Roll No. ....

BCA-VI Sem.

18029

B. C. A. Examination, May 2016

Knowledge Management

(BCA-604)

(New)

Time : Three Hours]   *[Maximum Marks : 75*

Note : Attempt questions from all Sections as per instructions.

Section-A

(Very Short Answer Questions)

Attempt all the *five* questions. Each question carries 3 marks. Very short answer is required.   3×5=15

1. What do you mean by data information and knowledge ?

2. What is modelling decision process ?

3. What do you understand by business expert system ?

4. What do you mean by multidimensional analysis ?

5. What is Data Mining ?

Section-B

(Short Answer Questions)

Attempt any *two* questions out of the following three questions. Each question carries 7½ marks. Short answer is required.   https://www.ccsustudy.com   7½×2=15

6. What is Data Mart ? How does a data warehouse differ from data mart ?

7. What are the data mining techniques ? Explain.

8. Give the significance of A.I. in knowledge management.

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Section-C

(Detailed Answer Questions)

Attempt any *three* questions out of the following five questions. Each question carries 15 marks. Answer is required in detail.   15×3=45

9.   What is Data Warehouse ? Explain with the neat diagram.

10. Write short notes on any three of the following :

   (a)   Online analytic processing

   (b)   Data mart

   (c)   Groupware technologies

   (d)   Data mining techniques.

11. What do you understand by genetic Algorithm ? Explain.

12. What is decision tree ? Explain.

13. Give the structure of an expert system. Explain its limitations too.