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B.C.A. (Part - III) (Semester - V) Examination, November- 2016
E-COMMERCE (Paper - 502)

Sub. Code : 66416

Day and Date : Wednesday, 16-11-2016

Total Marks : 80

Time : 2.30 p.m. to 5.30 p.m.

- Instructions :**
- 1) Attempt any five questions.
 - 2) Each question carries equal marks.
 - 3) Figures to the right indicate full marks.

- Q1)** What is e-commerce? Discuss the objectives, scope and advantages of e-commerce. **[16]**
- Q2)** What is e-security? Explain different security threats involved in e-commerce transactions. **[16]**
- Q3)** What is EDI? Explain the advantages, limitations and working mechanism of EDI. **[16]**
- 4)** a) Explain the different types of smart cards. **[8]**
b) What is Firewall? Explain the need and importance of Firewall. **[8]**
- Q5)** What is cryptography? Explain different encryption techniques with their limitations. **[16]**
- Q6)** Explain the following E-Commerce models **[16]**
- | | |
|--------|--------|
| a) B2B | b) B2G |
| c) G2B | d) C2B |

P.T.O.

- Q7) a) Explain different electronic fund transfer systems used in e-banking. [8]
b) Explain the concept of "Digital Envelopes" and "Digital certificate". [8]

Q8) Write notes on (Any Four)

[16]

- a) SSL
- b) Cyber Vandalism.
- c) Digital Cash.
- d) Proxy server.
- e) E-commerce in India.



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B.C.A.(Part -III) (Semester -V)
Examination, November - 2016
RDBMS WITH ORACLE
Sub. Code: 66418

Day and Date : Friday, 11 - 11 - 2016
Time :2.30 p.m. to 5.30 p.m.

Total Marks :80

Instructions :

- 1) Attempt any five questions.
- 2) Figures to right indicate full marks.

- Q1)** What do you mean by RDBMS? Explain the features of RDBMS over DBMS in detail. **[16]**
- Q2)** What is normalization? Explain 1NF, 2NF and 3NF with suitable example. **[16]**
- Q3)** What is a data language? Explain DDL, DML and DCL Commands with example. **[16]**
- Q4)** What is PL/SQL Block? Write a PL/SQL block to display sum of first 100 odd numbers. **[16]**
- Q5)** What is SQL join? Explain various types of joins with example. **[16]**
- Q6)** Explain following: **[16]**
- | | |
|----------------|-----------|
| a) ROLLBACK | b) View |
| c) Primary Key | d) COMMIT |
- Q7)** What is cursor? Explain procedure to create explicit cursor with example. **[16]**

P.T.O

Q8) Write short note on (any Two):

[16]

- a) functional dependencies
- b) Codd's Rules
- c) Triggers



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B.C.A. (Part - III) (Semester -V)
Examination, November - 2016
MANAGEMENT ACCOUNTING
Sub. Code : 66415

Day and Date : Thursday 17 -11 -2016

Total Marks : 80

Time : 2.30 p.m. to 5.30 p.m.

- Instructions : 1) All questions carry equal marks.
 2) Attempt any five questions

- Q1) What do you mean by budget and budgetary control? Explain in detail objectives of budgetary control. [16]
- Q2) Explain the meaning and nature of Management Accounting. Also state the role of management accountant in Planning, Controlling and decision making process. [16]
- Q3) What is the importance of Financial statement Analysis? Explain different classification of ratios. [16]
- Q4) The following balance sheet of M/s Good home was prepared on 31st March 2011. [16]

Liabilities	Amount	Asset	Amount
Equity Share Capital	2,20,000	Land and building	3,00,000
General reserve	1,00,000	Plant and machinery	1,50,000
Profit and loss account	2,30,000	Debtors	2,20,000
8% debentures	1,70,000	Cash in hand	12,000
Creditors	1,30,000	Stock	1,88,000
Bills payable	50,000	Bills receivable	30,000
Total	9,00,000	Total	9,00,000

Sales during the year amounted Rs.4,80,000 and purchases Rs.3,00,000.
 Calculate:

- a) Any two liquidity ratios
 b) Any four turnover ratios

P.T.O.

Q5) Explain in detail CVP and BEP analysis. What different information can be derived with the help of this analysis? [16]

Q6) From the following information calculate: [16]

- P/V ratio
- Break even Sales
- Profit or loss when sales are Rs. 4,00,000
- Margin of Safety of two years

Particulars	1 st year	2 nd year
Sales	2,00,000	3,00,000
Profit	20,000	40,000

Q7) From the following information prepare Cash - Budget for the months ending 30 June 2016. [16]

Month	Sales	Material	Wages	Misc. Exp
February	120000	94000	8000	5000
March	130000	100000	10000	8000
April	80000	100000	8000	6000
May	120000	110000	10000	6000
June	88000	90000	10000	7000

Additional Information:

- a) Sales : 20% of sales are on Cash basis and remaining 80% are realized in the month after sales
- b) Materials are purchased on a credit period of one month.
- c) Wages are paid after one month
- d) Miscellaneous expenses are paid in the month in which they are due.
- e) Expected cash and bank balance on 1st April 2016 is Rs. 6,000

Q8) Short notes (Any four):

[16]

- a) Production Budget & Cash Budget.
- b) Liquidity ratio.
- c) Profitability ratio.
- d) Turnover ratio.
- e) Difference between management and financial accounting.
- f) Meaning and types Budget.



Additional Information:

- a) Sales: 20% of sales are on Cash basis and remaining 80% are realized in the month after sales
- b) Materials are purchased on a credit period of one month
- c) Wages are paid after one month
- d) Miscellaneous expenses are paid in the month in which they are due
- e) Expected cash and bank balance on 1st April 2016 is Rs. 5,000

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(Q8) Short notes (Any four)

- a) Production Budget & Cash Budget
- b) Liquidity ratio
- c) Profitability ratio
- d) Turnover ratio
- e) Difference between management and financial accounting
- f) Meaning and types Budget

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B.C.A. (Part - III) (Semester - V) (Revised)**Examination, November - 2016****VISUAL PROGRAMMING****Sub. Code : 66419****Day and Date : Tuesday, 15 - 11 - 2016****Total Marks : 80****Time : 2.30 p.m. to 5.30 p.m.**

- Instructions :**
- 1) Each question carry 16 marks.
 - 2) Solve any four questions from Q.No.1 to Q.No.7.
 - 3) Question No. 8 is compulsory.

- Q1) a)** Explain disconnected layer of ADO.NET. **[8]**
- b)** Explain the role of web server. **[8]**
- Q2) a)** Explain command line arguments with example. **[8]**
- b)** What is JIT Compiler? Explain its types. **[8]**
- Q3)** Explain state management in ASP.NET. in detail. **[16]**
- Q4) a)** Explain visual studio .NET IDE. **[8]**
- b)** Explain web form life cycle. **[8]**
- Q5) a)** Explain different types of server controls. **[8]**
- b)** Explain the concept of boxing and unboxing. **[8]**
- Q6)** Explain Architecture of .NET framework with neat diagram. **[16]**

Q7) Write web application for book details to manipulate database by Considering proper database structure? [16]

- a) Insert.
- b) Update.
- c) Delete.
- d) Search.

Q8) Write short notes on following (Any Four) [16]

- a) CLR.
- b) Partial Class.
- c) WEB.config.
- d) Dataset.
- e) Response .redirect.

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B.C.A. (Part - III) (Semester - V) Examination, November- 2016
E-COMMERCE (Paper - 502)

Sub. Code : 66416

Day and Date : Wednesday, 16-11-2016

Total Marks : 80

Time : 2.30 p.m. to 5.30 p.m.

- Instructions :**
- 1) **Attempt any five questions.**
 - 2) **Each question carries equal marks.**
 - 3) **Figures to the right indicate full marks.**

Q1) What is e-commerce? Discuss the objectives, scope and advantages of e-commerce. **[16]**

Q2) What is e-security? Explain different security threats involved in e-commerce transactions. **[16]**

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b) What is Firewall? Explain the need and importance of Firewall. **[8]**

Q5) What is cryptography? Explain different encryption techniques with their limitations. **[16]**

Q6) Explain the following E-Commerce models **[16]**

a) B2B

b) B2G

c) G2B

d) C2B

P.T.O.

- Q7) a) Explain different electronic fund transfer systems used in e-banking. [8]
b) Explain the concept of "Digital Envelopes" and "Digital certificate". [8]

Q8) Write notes on (Any Four)

[16]

- a) SSL
- b) Cyber Vandalism.
- c) Digital Cash.
- d) Proxy server.
- e) E-commerce in India.



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B.C.A. (Part - III) (Semester - V) (Revised)**Examination, November - 2016****COMPUTER NETWORK (Paper - 503)****Sub. Code : 66417****Day and Date : Saturday, 12 - 11 - 2016****Total Marks : 80****Time : 2.30 p.m. to 5.30 p.m.**

- Instructions :**
- 1) **Q.No. 8 is compulsory.**
 - 2) **Solve any Four questions from Q. No. 1 to Q. No. 7.**
 - 3) **All questions carry equal marks.**

Q1) What is switching? Explain circuit switching and packet switching. [16]

Q2) a) Explain various design issues of data link layer. [8]

b) Describe domain name system with example. [8]

Q3) Draw neat labeled diagram and explain OSI reference model. [16]

Q4) a) What are the services provided by presentation layer? [8]

b) Explain categories of networks. [8]

Q5) a) Explain any two un-guided transmission media. [8]

b) Describe services provided by session layer. [8]

Q6) a) Explain various components of data communication. [8]

b) What is IP address? Explain characteristics of IP address. [8]

Q7) Describe parallel and serial transmission modes.

[16]

Q8) Write short notes on: [Any Four]:

[16]

- a) Symmetric key cryptography.
- b) Distance vector routing algorithm.
- c) Wavelength-Division Multiplexing.
- d) Client-server Architecture.
- e) UDP protocol.