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**B.C.A. (Part - III) (Semester - V) (New) Examination, October - 2015**

**RDBMS WITH ORACLE (Paper - 504)**

**Sub. Code : 66418**

Day and Date : Monday, 26 - 10 - 2015

Total Marks : 80

Time : 03.00 p.m. to 6.00 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 16 marks.

**Q1)** Write syntax and explain DDL statements with example. [16]

**Q2) a)** Explain select statement with group by and order by clause. [8]

b) Explain for and while loop used in PL-SQL with example. [8]

**Q3)** What is join? Explain its types with example. [16]

**Q4) a)** Explain Codd's rules. [8]

b) Explain PL-SQL block structure. [8]

**Q5) a)** How to create explicit cursors? Give its example. [8]

b) What is normalization? Explain its types with example. [8]

**Q6) a)** Explain various data types used in SQL. [8]

b) Write syntax and explain TCL statements. [8]

P.T.O.

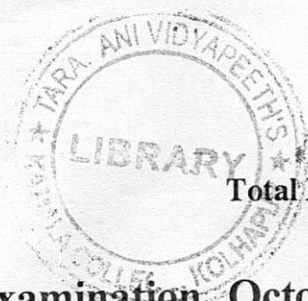
Q7) Explain arithmetic, relational and logical operators used in SQL. [16]

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

- a) Relational model.
- b) Conversion functions used in SQL.
- c) Views.
- d) Difference between DBMS and RDBMS.
- e) Types of triggers.







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**B.C.A. (Part - III) (Semester - V) Examination, October - 2015**

**E-COMMERCE**

**Sub. Code : 66416**

Day and Date : Thursday, 29 - 10 - 2015

Total Marks : 80

Time : 03.00 p.m. to 06.00 p.m.

- Instructions : 1) Attempt any four questions from Question No.1 to Question No.7.  
2) Question No.8 is compulsory.  
3) All questions carries equal marks.

- Q1) Explain Prepaid, post paid and instant payment system. [16]
- Q2) What are Security threats? Explain Malicious code and Phishing and identity theft. [16]
- Q3) Explain Digital Envelopes and Digital certificates. [16]
- Q4) What is EDI? Explain Advantages and disadvantages of EDI. [16]
- Q5) Explain Hacking and cyber vandalism in details. [16]
- Q6) Explain different E-Commerce models. [16]
- Q7) What is E-Commerce? Explain Components and functions of E-Commerce. [16]
- Q8) Write short note on any two : [16]
- a) encryption and decryption.
  - b) proxy server.
  - c) e-payment.
  - d) Digital cash.

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B.A. (Part - II) Semester - V Examination October - 2015  
 ECONOMICS  
 Sub. Code: 0015  
 Total Marks: 50  
 Time: 02:00 pm to 04:00 pm  
 Instructions: 1. Attempt all questions. 2. Question 1 is compulsory. 3. All three parts carry equal marks.

Q1) Explain the role of government in the economy.

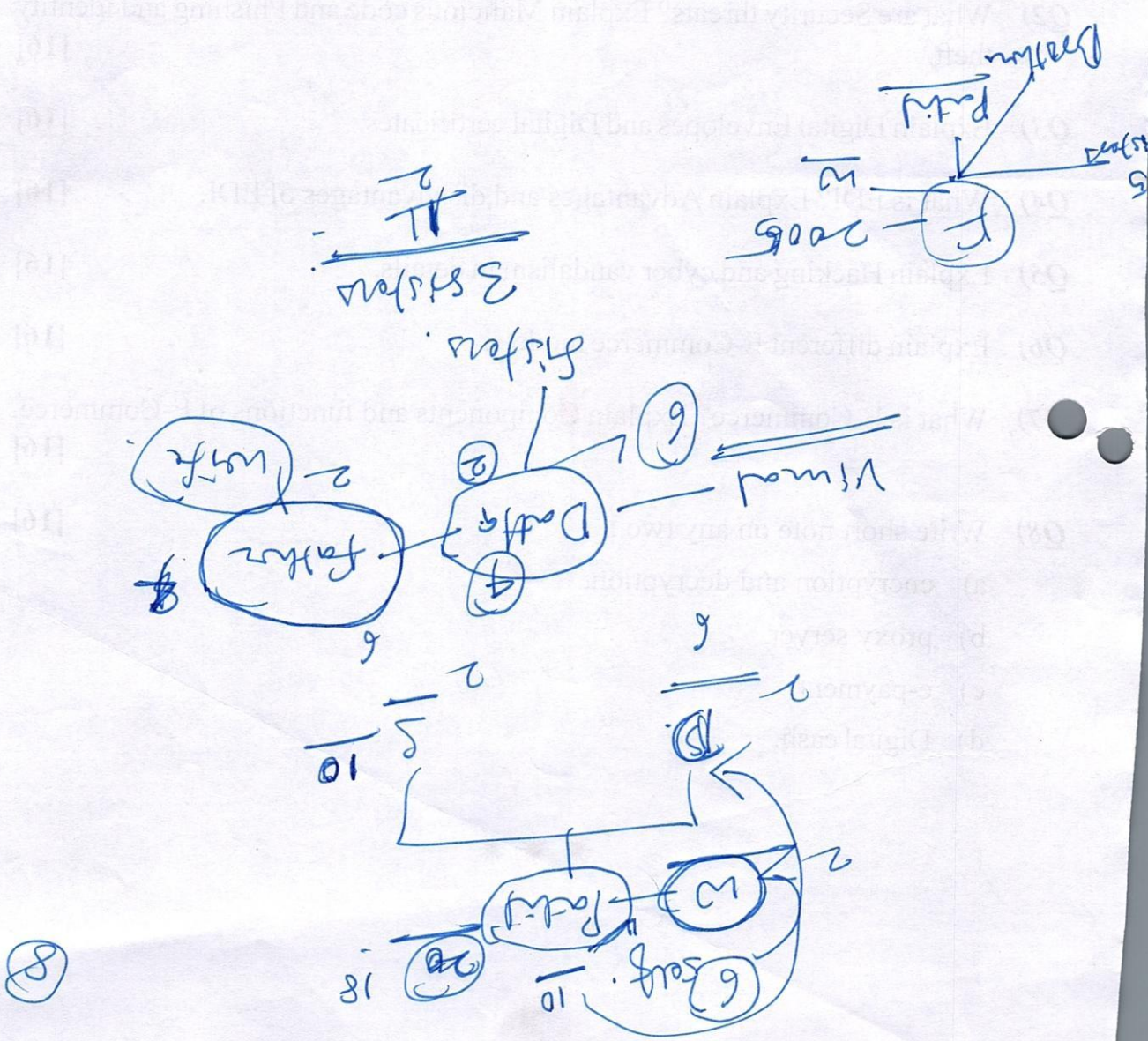
Q2) What are security threats? Explain Malicious code and Phishing and its working.

Q3) Explain the different types of network attacks and their prevention.

Q4) What are the different types of network attacks and their prevention.

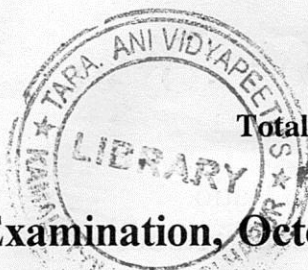
Q5) What are the different types of network attacks and their prevention.

Q6) What are the different types of network attacks and their prevention.



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B.C.A. (Part - III) (Semester - V) Examination, October - 2015  
MANAGEMENT ACCOUNTING (Paper - 501) (New)  
Sub. Code : 66415

Day and Date : Friday, 30 - 10 - 2015

Total Marks : 80

Time : 3.00 p.m. to 6.00 p.m.

- Instructions :
- 1) Attempt any Five questions.
  - 2) All questions carry 16 marks.
  - 3) Figures to the right indicate full marks.

Q1) Define management accounting and explain nature of management accounting. [16]

Q2) Define Ratio. Explain advantages of Ratio Analysis. [16]

Q3) A company producing a single article sales it at Rs. 10 each. The variable cost of production is Rs. 6, Fixed cost is Rs. 400 p.a. - [16]

Calculate :

- a) Contribution
- b) P.V. Ratio
- c) B.E. Sales
- d) Sales to earn a profit of Rs. 500
- e) Profit at Sales of Rs. 3,000

Q4) The following financial statement is of Arun Ltd. as on 31-3-2015 : [16]

Liabilities	Amount	Assets	Amount
Paid up capital	15,00,000	Fixed Assets	16,50,000
Reserve and surplus	6,00,000	Stock	9,10,000
Debentures- Long term	5,00,000	Debtors	12,40,000
Bank Over Draft	2,00,000	Investment-Short Term	1,60,000
Sundry Creditors	12,00,000	Cash	40,000
	40,00,000		40,00,000

Annual Sales Rs. 74,40,000, Gross profit Rs. 7,44,000

Calculate :

- a) Current Ratio.
- b) Debt Equity Ratio.
- c) Proprietary Ratio.
- d) G.P. Ratio.
- e) Debtors Turnover Ratio.
- f) Stock Turnover Ratio.

Q5) Prepare Cash Budget for January to June 2015 from the following particulars.

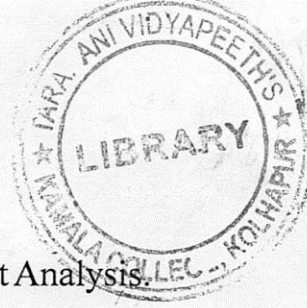
[16]

Months	Total Sales Rs.	Material Rs.	Wages Rs.	Production Overhead Rs.	Selling and Distribution overhead Rs.
January	20,000	20,000	4,000	3,200	800
February	22,000	14,000	4,400	3,300	900
March	24,000	14,000	4,600	3,300	800
April	26,000	12,000	4,600	3,400	900
May	28,000	12,000	4,800	3,500	900
June	30,000	16,000	4,800	3,600	1,000

Other information :

- a) Cash balance of 1<sup>st</sup> January 2015 was Rs. 10,000.
- b) A new machine is to be installed at Rs. 30,000 on credit to be paid by two equal installments in March and April.
- c) Sales Commission at a rate of 5% is to be paid within the month following actual sales.
- d) Rs. 10,000 being the amount of second call money may be received in March. Share Premium amounting to Rs. 2,000 is also obtainable with second call.
- e) Period of credit allowed to customer 1 month.
- f) Period of credit allowed by suppliers was 2 months.
- g) Delay in payments of overheads 1 month and in payment of wages  $\frac{1}{2}$  month.
- h) Assume cash sales to be 50% of total sales.





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- Q6) Explain the objectives of budgetary control. [16]
- Q7) Explain the techniques of Financial Statement Analysis. [16]
- Q8) Write short notes on (Any Four) : [16]
- a) Production budget.
  - b) Make or Buy decision.
  - c) Profitability Ratio.
  - d) Meaning of Budget.
  - e) Current Ratio.
  - f) Fixed cost and Variable cost.

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(16)

(16)

(16)

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Q1) Explain the objectives of public utility control.

Q2) Explain the techniques of financial management.

Q3) Write short notes on (any four)

a) Production budget

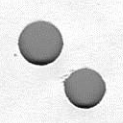
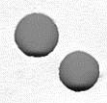
b) Market expansion

c) Profitability ratio

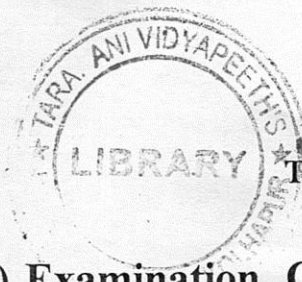
d) Meaning of budget

e) General Ratio

Q4) Short note on working capital.







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**B.C.A. (Part - III) (Semester - V) Examination, October - 2015**

**E-COMMERCE**

**Sub. Code : 66416**

**Day and Date : Thursday, 29 - 10 - 2015**

**Total Marks : 80**

**Time : 03.00 p.m. to 06.00 p.m.**

- Instructions :**
- 1) Attempt any four questions from Question No.1 to Question No.7.
  - 2) Question No.8 is compulsory.
  - 3) All questions carries equal marks.

- Q1)** Explain Prepaid, post paid and instant payment system. [16]
- Q2)** What are Security threats? Explain Malicious code and Phishing and identity theft. [16]
- Q3)** Explain Digital Envelopes and Digital certificates. [16]
- Q4)** What is EDI? Explain Advantages and disadvantages of EDI. [16]
- Q5)** Explain Hacking and cyber vandalism in details. [16]
- Q6)** Explain different E-Commerce models. [16]
- Q7)** What is E-Commerce? Explain Components and functions of E-Commerce. [16]
- Q8)** Write short note on any two : [16]
- a) encryption and decryption.
  - b) proxy server.
  - c) e-payment.
  - d) Digital cash.



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Total/Total Marks



Roll No.	
Seat No.	

B.A. (Part - II) Semester - VI Examination - October - 2015

E-GOVERNANCE

Roll Code: 1010

Total Marks: 50

Duration: Three hours

Time: 02.00 p.m. to 05.00 p.m.

- Instructions:
- All questions are compulsory.
  - Question 1 is a compulsory question.
  - Write short notes on any two of the following questions.

- Q1) Explain the term 'e-governance' and its significance.
- Q2) Write short notes on any two of the following:
  - 1) e-Procurement
  - 2) e-Health
  - 3) e-Learning
- Q3) Explain the term 'e-governance' and its significance.
- Q4) Write short notes on any two of the following:
  - 1) e-Procurement
  - 2) e-Health
  - 3) e-Learning
- Q5) Explain the term 'e-governance' and its significance.
- Q6) Write short notes on any two of the following:
  - 1) e-Procurement
  - 2) e-Health
  - 3) e-Learning
- Q7) Write short notes on any two of the following:
  - 1) e-Procurement
  - 2) e-Health
  - 3) e-Learning
- Q8) Write short notes on any two of the following:
  - 1) e-Procurement
  - 2) e-Health
  - 3) e-Learning

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**B.C.A. (Part - III) (Semester - V) (New) Examination, October - 2015**

**VISUAL PROGRAMMING (Paper - 505 )**

**Sub. Code : 66419**

Day and Date : Wednesday, 28 - 10 - 2015

Total Marks : 80

Time : 03.00 p.m. to 6.00 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 16 marks.

**Q1)** Explain architecture of .NET framework with neat diagram. [16]

**Q2) a)** Explain connected architecture of .ADO NET in detail. [8]

b) Explain dataset with example. [8]

**Q3)** Describe client side and server side state management. [16]

**Q4) a)** Explain pass by value and pass by reference with example. [8]

b) What is partial class? Explain partial class with example. [8]

**Q5) a)** Explain any four validation controls in detail. [8]

b) Write a program for swapping of two numbers without using 3<sup>rd</sup> variable. [8]

**Q6) a)** What is JIT compiler? Explain its types. [8]

b) Explain disconnected architecture of .ADO. NET in detail. [8]

**P.T.O.**

**Q7)** Write web application for student details to manipulate database by considering proper database structure. **[16]**

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

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

- a) Data Reader
- b) Data Adapter
- c) CLR
- d) Boxing & Unboxing
- e) Request

