S. S. JAIN SUB. (P.G.) (AUTONOMOUS) COLLEGE, JAI

Affiliated to University of Rajasthan, Jaipur

I CIA B.C.A. V Semester Test, September- 2017

Computer Graphics

Max. Marks: 30   **Duration: 1 Hour**

Instructions to the Candidates

Note:- **Section A** : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2=15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   Describe shadow mask and beam penetration method in detail.

Q.2   Discuss any two Flat Panel monitors in detail with their working.

Q.3   Describe raster and random scan display.

Section B

Q.4   Explain the structure and working of CRT in detail.

OR

Explain different colour model in detail.

Dot Net Technologies

Max. Marks: 30   Duration: 1 Hour

Instructions to the Candidates

Note:- **Section A** : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2=15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   Explain the Dot Net framework with Diagram.

Q.2   Describe CLR.

Q.3   Write a program in C# which accepts a number from the user and identify whether the number is even or odd.

Section B

Q.4   Define Metadata and assembly manifest.

OR

Explain Dot Net namespaces with suitable example.

S. S. JAIN SUBODH P.G.(AUTONOMOUS) COLLEGE, JAIPUR
Affiliated to University of Rajasthan, Jaipur
I CIA B.C.A. V Semester Test, September- 2017
E-Commerce Application Development

Max. Marks: 30   Duration: 1 Hour

Instructions to the Candidates

Note:- Section A : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2=15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   What is the scope of E-Commerce ? Explain its objectives also.

Q.2   Differentiate between Traditional Commerce & E-Commerce.

Q.3   Explain Porter's Value Chain Model with suitable example.

Section B

Q.4   Define E-Commerce. Elaborate business models with suitable example.

OR

With perspective to business and customer, explain advantages and disadvantages of E- Commerce.

S. S. JAIN SUBODH P.G.(AUTONOMOUS) COLLEGE, JAIPUR

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I CIA B.C.A. V Semester Test ,September- 2017

Software Engineering

Max. Marks: 30   **Duration:** 1 Hour

Instructions to the Candidates

Note:- **Section A** : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2=15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   What is Software ? State the characteristics of Software.

Q.2   Explain Waterfall Model along with its advantages and disadvantages.

Q.3   Write short note on:

(a) Software Components

(b) Prototype Model

(c) Project Management

Section B

Q.4   Explain Spiral Model along with its advantages and disadvantages.

OR

What is SDLC ? Describe all the phases of SDLC in Software Engineering.

S. S. JAIN SUBODH P.G.(AUTONOMOUS) COLLEGE, JAIPUR

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II CIA B.C.A. V Semester Test, Nov. - 2017

Computer Graphics

Max. Marks: 30   Duration: 1 Hour

Instructions to the Candidates

Note:- **Section A** : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2= 15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   Explain Flood Fill Algorithm.

Q.2   What is Translation? Explain with suitable example.

Q.3   Write short notes on:-

a) Reflection

b) Scaling

Section B

Q.4   Explain Bresenham's Line Drawing Algorithm in detail.

OR

Write DDA Line Drawing Algorithm with suitable diagram.

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II CIA B.C.A. V Semester Test, Nov. - 2017
.Net Technologies

Max. Marks: 30   Duration: 1 Hour

Instructions to the Candidates

Note:- Section A : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2=15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   Explain following Server Controls:
   a) Drop Down List Control
   b) Image Button Control
   c) Image Control
   d) Link Button Control
   e) Text Box Control

OR

Write brief introduction of C# programming Language with its characteristics.

Section B

Q.4   Explain any three Client Side State Management Techniques.

OR

Explain the following:
   a) File Upload Control with Example
   b) Is Post Back Property

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II CIA B.C.A. V Semester Test, Nov. - 2017
E-Commerce Application Development

Max. Marks: 30   **Duration**: 1 Hour

Instructions to the Candidates

Note:- **Section A** : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2=15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   Define E-Commerce Models.

Q.2   Explain: (any two)
  a) E-Cash
  b) E-Cheque
  c) Smart Card
  d) Debit Card
  e) Credit Card

Q.3   What do you mean by EDI? Explain its standards and issues in detail.

Section B

Q.4   Explain Value Chain Model.

OR

Explain Compatatitive Advantages and Business Strategies.

Instructions to the Candidates

Note:- **Section A** : Consists of three short answer type questions, each carrying 7.5 marks. The candidates are required to attempt any two (7.5x2=15 marks)

Section B : Consists of one descriptive question of 15 marks with an internal choice.

Section A

Q.1   What do you mean by Project Planning? Explain its objectives.

Q.2   Explain process based estimation technique.

Q.3   What do you mean by Software Sizing?

Section B

Q.4   Explain COCOMO Model.

OR

Explain problem based estimation technique with a suitable example.