

# Basant College of Management & Technology

## Internal Assignment

BCA 4<sup>th</sup> Sem

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## Visual Basic 6.0

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**Q1.** What do you understand by object oriented programming? Explain the different Feature of the object oriented programming and how it is better than procedure oriented

Programming compare?

**Q2.** What do you understand by data base management system? Explain five approaches

For connecting database with example using appropriate code.

**Q3.** What is the goal of a report and how can you manage reporting in vb explain with

Example. Are you agreeing VB is an event base programming proves your answer?

Q4.

Roll: 106 (input), 106 (dropdown)

Name: sandip (input)

City: alid (input)

Total Records: 7

Buttons: Add, Delete, Update, Find

roll	name	city
104	ram kumar	allhabad
105	mohan	alh
106	sandip	alid
101	sona kunari	sigra varanas
106	ramesh	vns
107	mukesh	vns
106	sandip	alid
*		

Write the separate code for each button

1. Drop down list saves the current roll number and update automatically when any
2. record adds or delete.
3. Total record should be show total no. of record.
4. Update gridview value when table get changed.

Q5. Write brief note on following

- a) Dynamic Link Library
- b) Active X control
- c) OLEDB
- d) Package and deployment
- e) COM –DECOM

# Computer Graphics

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**Q1.** Explain the term computer Graphics. Explain the input and hardcopy devices.

**Q2.** Give the algorithm for scan conversion of circle using DDA method and midpoint algorithm

**Q3** what is the basic of Transformations. Discuss the coordinate reference frame.

**Q4.** Define viewing coordinate with suitable figure and example. Explain the stack based seed fill algorithm.

**Q5** Explain the following.

- a. Resolution
- b. Vector Graphics
- c. Raster scan
- d. CRT Vs LCD
- e. Clipping
- f. Rotation
- g. Graphic Tablet

# Environmental Science

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**Q.1-** What are Natural resources?

**Q.2-** What are the problem of forestry in india?

**Q.3-** What are the causes of food grain problem?

**Q.4-** Define the term “soil as a natural resource”?

**Q.5-**What is “Genetic Diversity”?

Define words-

**(a) Wild life**

**(b) Deforestation**

**(c) Genetic diversity**

**(d) Marine communities**

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