

Basant College of Management & Technology

Internal Assignment

BCA 4th Sem

Visual Basic 6.0

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

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

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

BCMT