

(4)

Unit-IV

8. Write a V.B program that finds the root of quadratic equation. 10

$$Ax^2+BX+C=0$$

HNT: $Temp = \sqrt{B^2 - 4AC}$

of $Temp > 0$; Two real roots are possible

$Temp < 0$ Two imaginary roots

$Temp = 0$ One real root,

9. Design a form and write a program to check the login credential of user. Also list the appropriate properties of object used in program 10

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Roll No. _____

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B.M.S. (Semester-IV) Examination, 2015

ADVANCE COMPUTER PROGRAMMING

(BMS-403)

Time Allowed : Three Hours] [Maximum Marks : 70

Note : Attempt five questions in all. Question No.

1 is compulsory. Attempt one question from each Unit.

1. Answer the following in brief: $3 \times 10 = 30$
- (a) Differentiate between system software and application software with suitable example.
- (b) What is the extension of following V.B. object:
- (i) Form
 - (ii) V.B. Project
 - (iii) Module

(2)

- (c) Discuss, why option explicit is used in visual Basic.
- (d) Write a visual basic program to add two number.
- (e) Discuss the properties of Command Button.
- (f) Write step to create database connection using DAO object.
- (g) What is event? List some mouse event.
- (h) Differentiate between List Box and Combo Box.
- (i) What is data type? List some data types used in creating Table in database.
- (j) What is record set? Explain with suitable example.

Unit - I

- 2. What is operating system? List the role of operating system. Also discuss how memory is managed by operating system. 10

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(3)

- 3. Differentiate between (any two) 10
 - (a) Machine Level Language & High Level Language
 - (b) Message Box and Input Box
 - (c) Compiler and interpreter

Unit-II

- 4. Discuss the different types of conditional statement in V.B. Also explain each of them in detail with proper example. 10
- 5. What do you mean by procedure? Discuss the different types of procedure used in visual basic programming. 10

Unit-III

- 6. (a) Discuss the scope and accessibility of variable with example. 5
 - (b) Differentiate between do--- loop and while -- do loop with example. 5
- 7. Discuss the elements of visual Basic Integrated Development Environment. (IDE) 10

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P.T.O.