

J-3651[S-1507]

[2037]

B.Sc. (IT) (Semester - 3rd/4th & 6th)

**VISUAL BASIC PROGRAMMING/DEV. DESKTOP &
DISTRIBUTED APPLICATION WITH VISUAL BASIC**

(B.Sc. (IT) - 401/604/302)

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is compulsory.
- 2) Attempt any Nine questions from Section - B.

Section - A

Q1)

(15 X 2 = 30)

- a) Give a brief introduction about Visual Basic editions.
- b) Differentiate between event driven approach and procedure driven approach.
- c) What are the various elements present in Visual Basic environment?
- d) Write steps involved in VB application development.
- e) Write step involved in starting a new project.
- f) How we can change the font size and font color in Visual Basic.
- g) Define variable in VB?
- h) What you understand by the scope of a variable?
- i) What are various data types supported by VB?
- j) Give syntax for array declaration in Visual Basic.
- k) Give code to put an image on VB form.
- l) Give the advantages of OLEDB.
- m) Give steps for creating reports in VB with Wizard?
- n) What are prerequisites for working with crystal reports?
- o) Give steps for setting a connection to a Data Source.

Visual Basic Semester Question Paper

M Tight



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voiceover we now begin a whole new area of circuit analysis called sinusoidal steady state analysis you can also call it ac analysis ac stands for alternating current it means it is a voltage or a current that where the signal actually changes sign it is positive sometimes it is negative sometimes

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about transcript the ratio of a sinusoidal voltage to a sinusoidal current is called impedance this is a generalization of ohm s law for resistors we derive the impedance of a resistor inductor and capacitor the inductor and capacitor impedance includes a term for frequency so the impedance of these components depends on frequency

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circuit analysis is the process of finding all the currents and voltages in a network of connected components we look at the basic elements used to build circuits and find out what happens when elements are connected together into a circuit

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jun 29 2022 alternating current circuits or ac circuits are simply circuits powered by an alternating source either current or voltage an alternating voltage or current is one in which the amount of either the voltage or the current alters about a distinct mean value and reverses direction periodically in an ac circuit the source voltage and current

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ω represents the frequency of a sine wave when we write it this way $\sin \omega t$ if $\omega = 1$ the sin completes one cycle in 2π seconds if $\omega = 2\pi$ the sin completes one cycle sooner every 1 second for $f = 1$ if $\omega = 2\pi f$ the sin completes one cycle even faster every $1/f$ seconds or equivalently sin completes f cycles in 1 second

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