

Name :

Roll No. :

Invigilator's Signature :

CS/BCA/SUPPLE/SEM-5/BCA-503/2010
2010
WINDOWS PROGRAMMING

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

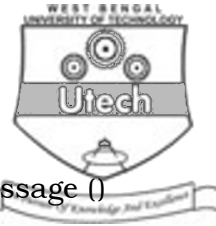
GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following :

10 × 1 = 10

- i) The initial entry point in Windows Program is
 - a) Main ()
 - b) WinMain ()
 - c) WndProc ()
 - d) Create Window ().
- ii) A handle is a
 - a) pointer
 - b) number
 - c) reference
 - d) none of these.
- iii) The Prefix l is used in Hungarian Notation to denote
 - a) Char
 - b) int
 - c) BOOL (int)
 - d) Unsigned int.
- iv) GetDC () is used to obtain
 - a) a pointer to device context
 - b) a reference to device context
 - c) a handle to device context
 - d) none of these.



- v) MB_OK is a parameter of
 - a) Win Main ()
 - b) Get Message ()
 - c) Message Box ()
 - d) Get DC ().
- vi) To Register a new Window Class the Function that we call is
 - a) Register Window ()
 - b) Register Class ()
 - c) Register Window Class ()
 - d) none of these.
- vii) GDI stands for
 - a) Graphical Device Interface
 - b) Graphical Device Interchange
 - c) Graphical Device Internet
 - d) Graphical Device Interaction.
- viii) HWND is a handler of
 - a) Function
 - b) Object
 - c) Window
 - d) All of these.
- ix) The DISCARDABLE memory option is always used with which option ?
 - a) MOVEABLE
 - b) PRELOAD
 - c) LOADONCALL
 - d) None of these.
- x) DispatchMessage () is required to
 - a) dispatch a function
 - b) dispatch a pointer
 - c) dispatch a message
 - d) dispatch a reference.
- xi) Full form of API is
 - a) Application Programming Interface
 - b) Applet Programming Interface
 - c) Application Programming Interchange
 - d) None of these.



GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. Describe the Message Structure of Windows Programming.
3. Define WNDCLASS structure.
4. Describe WinMain () with Parameter.
5. Describe different resources of Windows Programming ?
6. Describe different parameters of Create Window ().

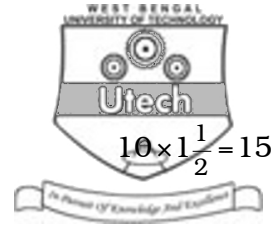
GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. a) Describe different types of Menu in Windows Programming.
b) What are the different options of Menu ?
c) What is Common Dialog Box ? Write about different types of Common Dialog Boxes. $5 + 3 + 7$
8. a) Describe different steps of creating Windows Programming.
b) Write a simple Windows Program.
c) What is message loop ? How does message loop work ?

$5 + 5 + 5$



9. Describe any *ten* of the following :

- a) Draw Text ()
- b) ScrollWindow ()
- c) LIneTo ()
- d) Update Window ()
- e) SetBkMode ()
- f) PolyLineTo ()
- g) SendMessage ()
- h) ChechRadioButton ()
- i) MoveToEx ()
- j) GetStock Object ()
- k) SetTimer ()
- l) TextOut ().

10. a) What are the different controls of Windows Programming ?

b) What is Clipboard function ? Describe different Clipboard function ().

c) Describe different parameters of MessageBox ().

5 + 5 + 5

11. Write short notes on any *three* of the following : $3 \times 5 = 15$

- a) MFC
- b) API
- c) GDI
- d) WM_PANIT
- e) SDK.

