# CS/BCA (SUPPLE)/SEM-5/BCA-503/09
# WINDOWS PROGRAMMING ( SEMESTER - 5 )
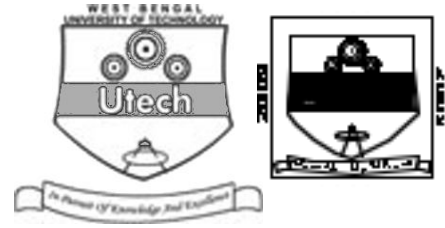
**1.** .....................................
   *Signature of Invigilator*

**2.** .....................................
   *Signature of the Officer-in-Charge*

*Reg. No.*

*Roll No. of the Candidate*

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## CS/BCA (SUPPLE)/SEM-5/BCA-503/09
### ENGINEERING & MANAGEMENT EXAMINATIONS, AUGUST – 2009
## WINDOWS PROGRAMMING ( SEMESTER - 5 )

Time : 3 Hours ]                                        [ Full Marks : 70

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### INSTRUCTIONS TO THE CANDIDATES :

1. This Booklet is a Question-cum-Answer Booklet. The Booklet consists of **32 pages**. The questions of this concerned subject commence from Page No. 3.

2. a) In **Group – A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided **against each question**.

   b) For **Groups – B** & **C** you have to answer the questions in the space provided marked 'Answer Sheet'. Questions of **Group – B** are Short answer type. Questions of **Group – C** are Long answer type. Write on both sides of the paper.

3. **Fill in your Roll No. in the box** provided as in your Admit Card before answering the questions.

4. Read the instructions given inside carefully before answering.

5. You should not forget to write the corresponding question numbers while answering.

6. Do not write your name or put any special mark in the booklet that may disclose your identity, which will render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.

7. **Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.**

8. You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, **which will lead to disqualification**.

9. Rough work, if necessary is to be done in this booklet only and cross it through.

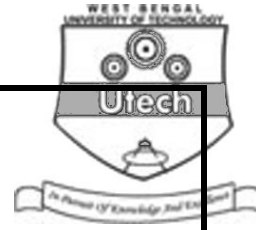**No additional sheets are to be used and no loose paper will be provided**

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### FOR OFFICE USE / EVALUATION ONLY
#### Marks Obtained

| | Group – A | | | | | | | | | Group – B | | Group – C | | Total Marks | Examiner's Signature |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Question Number** | | | | | | | | | | | | | | | |
| **Marks Obtained** | | | | | | | | | | | | | | | |

.....................................................
**Head-Examiner/Co-Ordinator/Scrutineer**

S-54030 (19/08)

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# WINDOWS PROGRAMMING
## SEMESTER - 5

Time : 3 Hours ]                                                                              [ Full Marks : 70

### GROUP – A
### ( Multiple Choice Type Questions )

1. Choose the correct alternatives for the following :                    10 × 1 = 10

   i)   A Windows program can directly call a device driver program for a device.

        a)   True

        b)   False.

   ii)  MessageBox( ) is an API function

        a)   True

        b)   False.

   iii) The Show Window( ) function can display only the maximized window.

        a)   True

        b)   False.

   iv)  Under Window on occurrence of an interrupt, the kernel runtime calls the appropriate device driver's ISR.

        a)   True

        b)   False.

   v)   The WM_PAINT message is generated whenever the client area of the Window needs to be redrawn.

        a)   True

        b)   False.

vi) The main function of Windows Programming is

a) WinProc( )

b) Windef( )

c) Windows( )

d) None of these.

vii) The Createfont( ) creates a logical font that is ................ the height of system font.

a) 3

b) 2

c) 1

d) 4.

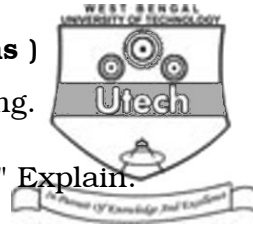viii) The ...... version of Windows has deserialised( ) message queue.

a) 16 bit

b) 64 bit

c) 32 bit

d) none of these.

ix) SDK is a set of

a) functions

b) tools

c) variable

d) none of these.

x) HINSTANCE is

a) variable

b) function

c) handle

d) macros.

## GROUP – B

### ( Short Answer Type Questions )

Answer any *three* of the following. 3 × 5 = 15

2. "All Windows based programs have same look and feel." Explain. 5

3. What is Deserialized Message Queue ? Explain. 5

4. What is a handle ? Give example. 4 + 1

5. How would you minimize a window programetically ? 5

6. Explain the Windows mechanism of timer ? 5

## GROUP – C

### ( Long Answer Type Questions )

Answer any *three* questions. 3 × 15 = 45

7. a) What is MFC ? 3

   b) How do you create a simple window using MFC ? Explain with code. 6

   c) What is the sequence of steps that take place when an MFC based Window program gets executed ? 6

8. a) What are the different resources of Windows ? 4

   b) How mouse movement is performed in Windows programming ? Explain with code. 6

   c) Differentiate between resource script file and header file. 5

9. a) What is Dialog Box ? 3

   b) How can you create modal dialog box ? How it is different than modeless dialog box ? 5 + 3

   c) What are common dialog boxes ? 4

10. What are the different ways of creating a menu ? Explain in detail. 15

11. Write down the function implication and parameter name any *three* of the following :

3 × 5

    a)    Settimer( )

    b)    DefWindowProc( )

    c)    CheckRadioButton( )

    d)    DrawText( )

    e)    GetSubMenu( ).

————————

END