



SB-4497

P.G.D.C.B.A. Examination

March / April - 2011

Computer & Its Application : Paper - I

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="P.G.D.C.B.A."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Computer &amp; Its Application : Paper - 1"/>	<input type="text"/>
Subject Code No. : <input type="text" value="4"/> <input type="text" value="4"/> <input type="text" value="9"/> <input type="text" value="7"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

(2) All the questions carry equal marks.

- 1 Answer in brief : 10
- (i)  $100001_2 = \text{_____}_8$
- (ii) What do you mean by ALU ? Mention the function of ALU.
- (iii) Perform  $100 - 78$  using complement method.
- (iv) Name any two temporary storage devices.
- (v) Give the full form of BASIC.

- 2 (a) What do you mean by Computer Language ? 8  
Explain its different types and give the merits and de-merits of each of the language type.
- (b)  $4096 \text{ KB} = \text{_____ MB}$ . 2

OR

- 2 (a) Explain the types of operating system and give 5  
example of each of them.
- (b) Differentiate Compiler and Interpreter. 5

- 3 Do as directed : (any two) 10
- (a) Convert into required Number System :
- $56AB_{15} = \text{_____}_{18}$
- (b) Solve the arithmetic expression :  $100100100_2 * 100_2 / 10_2 - 1111_2 + 1011_2$
- (c) Convert into Decimal :  $DAG_{16}, 101011.0101_2$
- (d) Convert the number 65858 to its equivalent Hexa-Decimal No.

4 Write short notes : (any two)

10

- (i) Input Device
  - (ii) Types of Computers
  - (iii) Application Software.
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