



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Fourth Semester – 2019

Paper: Visual Programming Concept

Course Code: BBA-208 / BUS-22350 Part – I (Compulsory) Time: 15 Min. Marks: 10

Roll No. in Fig.

Roll No. in Words.

Signature of Supdt.:

ATTEMPT THIS PAPER ON THIS QUESTION SHEET ONLY.

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

Q.1. Encircle the right answer cutting and overwriting is not allowed. (10x1=10)

1. Visual basic was developed by _____
 - A) Prof. Bell
 - B) Prof. John Kemmeny and Thomas Kurtz
 - C) Prof. Howard Bell
 - D) Both b and c
2. A Order data for baseball tickets and bar code data are examples of
 - A) raw input.
 - B) raw output.
 - C) customer and product data.
 - D) sales information.
3. When does Exceptions arises in code sequence?
 - A) Run Time
 - B) Compilation Time
 - C) Can Occur Any Time
 - D) None of the mentioned
4. What is function overloading?
 - A) Methods with same name but different parameters.
 - B) Methods with same name but different return types.
 - C) Methods with same name, same parameter types but different parameter names.
 - D) None of the above.
5. How many classes can be defined in a single program?
 - A) Only 1
 - B) Only 100
 - C) Only 999
 - D) None of above
6. Which concept of OOP is false for C++?
 - A) Code can be written without using classes
 - B) Code must contain at least one class
 - C) A class must have member functions
 - D) At least one object should be declared in code

P.T.O.

7. How does the computer store the letter e.g. 's'?
- A) In binary format
 - B) In ASCII representation
 - C) The letter is mapped onto some number and this number is stored
 - D) All of the above
8. What is the value stored in the integer variable intVar?

```
int intVar = 24.2 / 2;
```

- A) 12
 - B) 12.1
 - C) 13
 - D) 24
 - E) None of the above
9. How many times is the body of the loop executed?

```
int i=1;
while(true) {
    cout << i;
    if(i==5)
        break;
    i++; }
```

- A) Forever
- B) 5 times
- C) 6 times
- D) 0 times
- E) None of the above

10. What does the following piece of code print?

```
for(int i=0;i<3;i++) {
    for(int j=5;j<7;j++) {
        cout << "**";
    }
    cout << endl; }
```

- | | | | |
|----|-------|----|-----|
| a. | ** | c. | *** |
| | ** | | *** |
| | ** | d. | * |
| b. | ***** | | ** |



UNIVERSITY OF THE PUNJAB
B.S. 4 Years Program / Fourth Semester – 2019

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Paper: Visual Programming Concept
Course Code: BBA-208 / BUS-22350 Part – II

Time: 2 Hrs. 45 Min. Marks: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q2. Give brief answers to the following questions (Short Questions). Marks: (10*2=20)

1. Define instance in object-oriented programming.
2. Define destructor.
3. What is abstraction and its benefits.
4. What is exception handling?
5. What are the access modifiers?
6. What is early and late Binding?
7. What is the difference between structure and a class?
8. What is the use of constant variables?
9. Define nested if statement and also give an example.
10. Define function and its benefits.

Q3. Give detail answers to the following questions (Long Questions) Marks: 30

1. State the important features of Object-Oriented Programming. Compare Object-Oriented programming with Procedure-Oriented programming.
2. difference between abstraction and encapsulation with detail example in your word.
3. Write an algorithm to print table from 2 to 10.

Eg. 2 X 1 = 2
 2 X 2 = 4
 : : :
 3 X 1 = 3
 3 X 2 = 6
 : : :