

COURSE TITLE : OBJECT ORIENTED PROGRAMMING

Time Allowed: 01 hr

Max.Marks: 40

Read the following instructions carefully before attempting the question paper.

1. Match the Paper Code shaded on the OMR Sheet with the Paper code mentioned on the question paper and ensure that both are the same.
2. This question paper contains 40 questions of 1 mark each. 0.25 marks will be deducted for each wrong answer.
3. Do not write or mark anything on the question paper except your registration no. on the designated space.
4. Submit the question paper and the rough sheet(s) along with the OMR sheet to the invigilator before leaving the examination hall.

Q1. When struct is used instead of the keyword class means, what will happen in the program?

- a) access is public by default
- b) access is private by default
- c) access is protected by default
- d) none of the mentioned

Q2. For reading with cin object, we need to include _____ file.

- a) conio.h
- b) fstream.h
- c) stdio.h
- d) iostream.h

Q3. Predict the output for the following given code.

```
int x = 786;
cout << setfill('*') << setw(6) << x;
```

- a) 786***
- b) **786
- c) ***786
- d) *****

Q4. Which of the following permits function overloading on c++?

- a) type
- b) number of arguments
- c) type & number of arguments
- d) none of the mentioned

Q5. What is the output of this program?

```
#include <iostream>
using namespace std;
class base
{
    int val1, val2;
public:
    int get()
    {
        val1 = 100;
        val2 = 300;
    }
    friend float mean(base ob);
};
float mean(base ob)
{
    return float(ob.val1 + ob.val2) / 2;
}
int main()
{
    base obj;
    obj.get();
    cout << mean(obj);
    return 0;
}
```

- a) 200
 - b) 150
 - c) 100
 - d) 300
- Q6. Default value of static variable is _____.
- a) 0
 - b) 1
 - c) Garbage value
 - d) Compiler dependent

Q7. Which of these following members are not accessed by using direct member access operator.

- a) public
- b) private
- c) protected
- d) both private & protected