

MCA-10**June/December – Examination 2020****Master of Computer Application
(II Year) Examination****Object-Oriented Programming Through C++
Paper : MCA-10***Time : 2 Hours]**[Maximum Marks : 80*

Note :- The question paper is divided into two Sections
A and B. Write answers as per given instructions.

Section-A**8×2=16****(Very Short Answer Type Questions)**

Note :- Answer all questions. As per the nature of the
question delimit your answer in one word, one
sentence or maximum up to **30** words. Each
question carries 2 marks.

1. (i) What do you understand by Encapsulation ?
- (ii) What is Polymorphism ?

- (iii) What are Identifiers ?
- (iv) What is meaning of dynamic initialization ?
- (v) What is working concept of function call ?
- (vi) What is meaning of syntax ?
- (vii) Write about Inline function.
- (viii) What is call by reference ?

Section-B **4×16=64**

(Short Answer Type Questions)

Note :- Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 16 marks.

- 2. Discuss the call by value concept.
- 3. Explain class declaration.
- 4. Discuss any three types of operators.
- 5. Explain advantages of inheritance.
- 6. Discuss the concept of operator return type.
- 7. Describe strings and operator overloading.

- 8. Describe differences between constructor and destructor.
- 9. Explain working of friend function and friend classes.