

# UNIVERSITY OF PUNE



## *Examination Circular No. 82 of 2014*

### **PROGRAMME OF M.C.A. (MASTER OF COMPUTER APPLICATION) UNDER SCIENCE FACULTY SEM. I TO V (2008 Pattern) & CREDIT SYSTEM (2013 Pattern) EXAMINATIONS, MAY, 2014**

#### **INSTRUCTIONS FOR CANDIDATES**

1. Candidates are required to be present at the Respective College of the examination fifteen minutes before the time fixed for the first paper and ten minutes before the time of each subsequent paper.  
**(As per Circular No 128/2013 Dated 10.10.2013)**
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice-Board at their place of examination regularly for changes if any, that may be notified later in the Programme.
4. No request for any special concession such as a change in time or any day fixed for the University Examination, on religious or any other ground shall be granted.
5. The Use of non-programmable Calculator is permitted.

**The examination will be conducted in the following order :**

| <b>DAY AND DATE</b>              | <b>SUBJECT SEMESTER-I<br/>TIME: 11:00 A.M. TO 2:00 P.M.</b>  | <b>SUBJECT SEMESTER-III<br/>TIME: 3:00 P.M. TO 6:00 P.M.</b>                    | <b>SUBJECT SEMESTER-V<br/>TIME: 11:00 A.M. TO 2.00 P.M.</b> |
|----------------------------------|--|---|---|
| <b>Tuesday,<br/>06.05.2014</b>   | CS-101 : C-Programming<br>(2008 Pattern)<br>CA-101 : Programming with C<br>(2013 Pattern)                      | CS-301: Design and Analysis of<br>Algorithm                                     | CS-501 : Cryptography and<br>Network Security               |
| <b>Wednesday,<br/>07.05.2014</b> | CS-102 : Computer Architecture<br>(2008 Pattern)<br>CA-102: Database Management System<br>(2013 Pattern)       | CS-302 : Computer Networks  | CS-502 : Internet Programming                               |
| <b>Thursday,<br/>08.05.2014</b>  | CS-103 : Mathematical Foundation<br>(2008 Pattern)<br>CA-103 : Mathematical Foundation<br>(2013 Pattern)       | CS-303 : Introduction to System<br>Programming and<br>Operating System Concepts | CS-503 : Design Patterns                                    |
| <b>Friday,<br/>09.05.2014</b>    | CS-105 : Graph Theory<br>(2008 Pattern)<br>CA-104 : Concrete Mathematics And<br>Graph Theory<br>(2013 Pattern) | CS-305 : Event Driven<br>Programming(Win32 SDK)                                 | -----   |
| <b>Saturday,<br/>10.05.2014</b>  | CA-105 : Computer Organizations<br>(2013 Pattern)  | -----   | CS-505 : Software Testing and<br>Quality Assurance          |

| <b>DAY AND DATE</b>             | <b>SUBJECT<br/>SEMESTER-II<br/>TIME: 11:00 A.M. TO 2:00 P.M.</b>   | <b>SUBJECT<br/>SEMESTER-IV<br/>TIME: 3:00 P.M. TO 6:00 P.M.</b> |
|---------------------------------|--|---|
| <b>Monday,<br/>12.05.2014</b>   | CS-201 : Data and File Structures using 'C '<br>(2008 Pattern)<br>CA 201: Data Structures (2013 Pattern)                               | CS-401 : Introduction to UNIX and UNIX Internals                |
| <b>Tuesday,<br/>13.05.2014</b>  | CS-202 : Theoretical Computer Science<br>(2008 Pattern)<br>CA- 202: Theoretical Computer Science<br>(2013 Pattern)                     | CS-402 : Advanced Networking and Mobile Computing               |
| <b>Thursday,<br/>15.05.2014</b> | CS-203 : Object Oriented Programming<br>(C++ Programming) (2008 Pattern)<br>CA-203 Object Oriented Programming<br>(C++) (2013 Pattern) | CS-403 : Distributed Database System                            |
| <b>Friday,<br/>16.05.2014</b>   | CS-205 : Database Management<br>Systems(2008 Pattern)<br>CA-204: Computer Networks<br>(2013 Pattern)                                   | CS-405 : Object Oriented Software Engineering                   |
| <b>Saturday,<br/>17.05.2014</b> | CA-205 : Advance Database Concepts   |   |

1. The practical examination of M.C.A. will be conducted before theory examination .
2. The Sem. VI consist of Project Work Only.

Ganeshkhind,  
Pune-411007.  
Ref,No..XCT/ Sci 265  
Date : 12.04.2014.

**Dr.V.B.Gaikwad**  
**Controller of Examinations**