

**PANJAB UNIVERSITY**

Date-sheet for **M.C.A.-1<sup>st</sup>, 3<sup>rd</sup> & 5<sup>th</sup>, Semester (Regular and Reappear)**  
Examination to be held in December, 2009.

**(THEORY EXAMINATION)**

**TIME OF EXAMINATION: 9.30 a.m. to 12.30 noon (Morning Session)**  
**2.00 p.m. to 5.00 p.m. (Evening Session)**

**NOTE: Sr. No. mentioned against each paper is for office use only.**

<b>Date &amp; Day</b>	<b>MCA 1st Semester (Morning Session) Exam. Code. 509</b>	<b>MCA 3<sup>rd</sup> Semester (Morning Session) Exam. Code. 511</b>	<b>MCA 5<sup>th</sup> Semester (Evening Session) Exam. Code. 513</b>
<b><u>DECEMBER, 2009</u></b> 11 <sup>th</sup> , Friday	--	CS-48: Data Comm. & Networks (3775)	--
14 <sup>th</sup> , Monday	CS-05: Computer Org. & Assembly Lang (3763)		CS-16: Artificial Intelligence (Using LISP) (3781)
15 <sup>th</sup> , Tuesday	--	CS-15: Data Base Management System (3773)	--
16 <sup>th</sup> , Wednesday	CS-02: Computer Programming & Problem Solving (Using C)(3762)	--	CS-46: Linus Admin.(3785)
17 <sup>th</sup> , Thursday	--	CS-47: Visual Basic Programming (3774)	--
18 <sup>th</sup> , Friday	CS-49: Fundamentals of Information Technology (3764)	--	--
21 <sup>st</sup> , Monday	--	CS-10: Information System Design & Implementation (3772)	--
22 <sup>nd</sup> , Tuesday	CS-43: Unix and Shell Programming (3765)	--	CS-50: Multimedia Technologies.(3783)
23 <sup>rd</sup> , Wednesday	--	CS-09: Software Engg. (3771)	--
24 <sup>th</sup> , Thursday	CS-51: Mathematical. Structure for Computer Science(3761)	--	CS-17: Comp. Based Techniques(3782)

**NOTE: THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY  
COMMUNICATION EQUIPMENT SUCH AS MOBILE PHONE/PAGER,  
WIRELESS SET, SCANNER PEN SCANNER/CAMERA OR ANY SUCH  
ELECTRONIC/DIGITAL GADGET ETC.INSIDE THE EXAMINATION  
HALL WHICH IS PUNISHABLE WITH DISQUALIFICATION FOR  
PERIOD OF TWO YEARS WITH THE SUBSEQUENT EXAMINATION**

**CENTRE OF EXAMINATION:**

1. Chandigarh-33  
Deptt. of Comp. Sci. & Appl., P.U., Sector-14
2. Chandigarh-32  
GGDSD College, Sector 32,
3. Bajwara(Hoshiarpur)  
Swami Sarvanand Giri P.U. Regional Centre
4. Muktsar-4  
P.U. Regional Centre.

**CHANDIGARH: 160014**  
**DATED: 1.12.2009**

**DR.A.K.BHANDARI**  
**CONTROLLER OF EXAMINATIONS**

**PANJAB UNIVERSITY**

Date-sheet for **M.C.A.-2<sup>nd</sup> & 4th Semester (Reappear)** Examination to be held in  
December, 2009.

**(THEORY EXAMINATION)**

**TIME OF EXAMINATION: 2.00 p.m. to 5.00 p.m.**

**NOTE: Sr. No. Mentioned against each paper is for office use only.**

<b>Date &amp; Day</b>	<b>MCA- 2<sup>nd</sup> Semester Exam. Code. 510</b>	<b>MCA-4th Semester Exam. Code. 512</b>
<b><u>DECEMBER, 2009</u></b> 11 <sup>th</sup> , Friday	CS-40: Computer Oriented Numerical & Statistical Methods (3768)	CS-53: Software Testing & Quality Assurance(3779 )
15 <sup>th</sup> , Tuesday	CS-42: Object Oriented Programming(Using C++) (3769)	CS-11: Operating System (3776)
21 <sup>st</sup> , Monday	--	CS-44: Web Application Tools & E-Commerce (3780)
23 <sup>rd</sup> , Wednesday	--	CS-12: Interactive Computer Graphics (3777)
24 <sup>th</sup> , Thursday	CS-27: Relational Data Base Management Systems(3770)	--
29 <sup>th</sup> , Tuesday	CS-03:Data and File Structure (Using C)(3766)	--
30 <sup>th</sup> , Wednesday	CS-07: Accounting & Financial Management (3767)	CS-14: Analysis & Design of Algorithms (3778)

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**CENTRE OF EXAMINATION:**

1. Chandigarh-33  
Deptt. of Comp. Sci. & Apple.,P.U.,Sector-14
2. Chandigarh-32  
GGDSD College, Sector 32,
3. Bajwara(Hoshiarpur)  
Swami Sarvanand Giri P.U. Regional Centre
4. Muktsar-4  
P.U. Regional Centre.

**CHANDIGARH: 160014**  
**DATED: 1.12.2009**

**DR.A.K.BHANDARI**  
**CONTROLLER OF EXAMINATIONS**

**PANJAB UNIVERSITY**

Date-sheet for **M.Tech. (Instrumentation)** 1st & 3<sup>rd</sup> Semester Examination  
to be held in December, 2009.

**(THEORY EXAMINATION)**

**TIME OF EXAMINATIONS: 2 p.m. to 5 p.m.**

**NOTE:** Sr. No. mentioned against each paper is for office use only.

<b>FIRST SEMESTER (Exam Code 904)</b>		
<b><u>DECEMBER, 2009</u></b> 11 <sup>th</sup> , Friday	INS 61.02	Analog and Digital Electronics. (6661)
15 <sup>th</sup> , Monday	INS-61.03	Transducers-I (6663)
18 <sup>th</sup> , Friday	INS 61.07	Process Dynamics and Control (6667)
21 <sup>st</sup> , Monday	INS 61.06	Design of Mechanical Elements (6666)
24 <sup>th</sup> , Thursday	INS 61.01	Signal Processing (6662)
<b>THIRD SEMESTER (Exam Code 906)</b>		
<b><u>DECEMBER, 2009</u></b> 18 <sup>th</sup> , Friday	INS 71.02	Instrumentation for Special Applications.(6676)
21 <sup>st</sup> , Monday	INS 71.04	Virtual Instrumentation (6678)

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**CENTRE OF EXAMINATION:** Chandigarh-29  
Arts Block-IV, Panjab University,.  
Sector 14

**CHANDIGARH: 160014**  
**DATED: 3.12.2009**

**DR.A.K.BHANDARI**  
**CONTROLLER OF EXAMINATIONS**

PANJAB UNIVERSITY

Date-sheet for **M.Tech. (Nanoscience & Nanotechnology) 1st & 3<sup>rd</sup> Semester** Examination to be held in December, 2009.

(THEORY EXAMINATION)  
TIME OF EXAMINATION: 2.00 p.m. to 5.00 p.m.

**NOTE: Sr. No. Mentioned against each paper is for office use only.**

Date & Day		Subject/Sr.No.
<b>1<sup>st</sup> Semester</b>		
<b>DECEMBER, 2009</b>		
11 <sup>th</sup> , Friday	MNT 6101	Principles of Physics (6711)
14 <sup>th</sup> , Monday	MNT 6102	Principles of Biology and Biotechnology(6712)
17 <sup>th</sup> , Thursday	MNT 6105	Scientific Computation and Simulation-I (6715)
22 <sup>nd</sup> , Tuesday	MNT 6104	Semiconductor Devices (6714)
24 <sup>th</sup> , Thursday	MNT 6103	Principles of Chemistry(6713)
<b>3<sup>rd</sup> Semester</b>		
<b>DECEMBER, 2009</b>		
19 <sup>th</sup> , Saturday	MNT 7101	Micro fluidics and Nanotechnology (6721)
23 <sup>rd</sup> , Wednesday	MNT 7102	MEMS and NEMS(6722)
26 <sup>th</sup> , Saturday	MNT 7103	Scientific Computation and Simulation-III (6723)

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**CENTRE OF EXAMINATION:** Chandigarh-29  
Arts Block-IV, P.U.  
Sector 14

**CHANDIGARH: 160014**  
**DATED: 2.12.2009**

**DR.A.K.BHANDARI**  
**CONTROLLER OF EXAMINATIONS**

**PANJAB UNIVERSITY**

Date-sheet for **M.SC. (Bioinformatics) 1<sup>st</sup> & 3<sup>rd</sup> Semester** (Regular & Reappear)  
Examination to be held in December 2009.

(THEORY EXAMINATION)  
TIME OF EXAMINATION: 2.00 p.m. to 5.00 p.m.

**NOTE: Sr. No. mentioned against each paper is for office use only.**

Date & Day	Subject Code	Subject/Sr.No.
<b>1st Semester (Exam. Code 497)</b>		
<b>DECEMBER, 2009</b> 11 <sup>th</sup> , Friday	<b>MBIN-8001</b>	Basic Biology( Non-Medical background) (3741)
	<b>MBIN-8002</b>	Mathematics( Medical background)(3742)
14 <sup>th</sup> , Monday	<b>MBIN-8003</b>	Fundamentals of Modern Biology(3743)
18 <sup>th</sup> , Friday	<b>MBIN-8004</b>	Macromolecular Bio-Chemistry (3744)
22 <sup>nd</sup> , Tuesday	<b>MBIN-8005</b>	Computer Programming and Concepts of Computing(3745)
24 <sup>th</sup> , Thursday	<b>MBIN-8006</b>	Introduction to Database Systems(3746)
<b>3rd Semester (Exam. Code 499)</b>		
<b>DECEMBER, 2009</b> 12 <sup>th</sup> , Saturday	<b>MBIN – 8012</b>	Elements of Systems Biology (3752)
	<b>MBIN – 8013</b>	Programming Languages in Bioinformatics-II (3753)
	<b>MBIN – 8014</b>	Structural Biology (3754)
	<b>MBIN – 8015</b>	Genomics and Protomics-I(3755)
	<b>MBIN – 8016</b>	Applications of Computational Biology (3756)

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**CENTRE OF EXAMINATION: Chandigarh-25**  
**DAV College, Sector-10 (including the candidates of GGSD College, Sector-32 and SGGS College, Sector .26)**

**CHANDIGARH: 160014**  
**DATED: 2.12.2009**

**DR.A.K.BHANDARI**  
**CONTROLLER OF EXAMINATIONS**

**PANJAB UNIVERSITY**

Date-sheet for **M.SC. (Bio-Technology) 1<sup>st</sup> & 3<sup>rd</sup> Semester** Examination to  
be held in December, 2009

**(THEORY EXAMINATION)**

**TIME OF EXAMINATION: 2.00 p.m. to 5.00 p.m.**

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Date & Day	Subject Code	Subject/Sr.No.
<b>1st Semester (Exam. Code 569)</b>		
<b>DECEMBER, 2009</b> 12 <sup>th</sup> , Saturday	MBIO-101	Cell Biology (3719)
16 <sup>th</sup> , Wednesday	MBIO-102	Biomolecules (3720)
22 <sup>nd</sup> , Tuesday	MBIO-103	Microbial Physiology & Genetics (3721)
24 <sup>th</sup> , Thursday	MBIO-104	Computer Applications (3722)
29 <sup>th</sup> , Tuesday	MBIO-105	Bio-Statistics (3723)
<b>3rd Semester (Exam. Code 571)</b>		
DECEMBER, 2009 11 <sup>th</sup> , Friday	MBIO - 301	Animal Cell Science & Tech. (3729)
15 <sup>th</sup> , Tuesday	MBIO – 302	Genetic Engineering (3730)
19 <sup>th</sup> , Saturday	MBIO – 303	Plant Biotechnology (3731)
23 <sup>rd</sup> , Wednesday	MBIO – 304	Bioprocess Engg. & Technology (3732)
26 <sup>th</sup> , Saturday	MBIO – 305	Bioinformatics (3733)

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- CENTRE OF EXAMINATION:**
- 1. Chandigarh-25**  
DAV College, Sector-10 (including the candidates of GGSDS College, Sector-32 and SGGS College, Sector .26)
  - 2. Abohar-3**  
D.A.V. College

**CHANDIGARH: 160014**  
**DATED: 2.12.2009**

**DR.A.K.BHANDARI**  
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