Price : Rs. 30/-

UNIVERSITY OF PUNE

FACULTY OF SCIENCE

S.Y./T.Y.B.Sc. (Comp. Sc.) (Sem. I to IV) Revised 2008 Pattern

Instructions to Candidates : **1)** **This exam. form along with fee receipt should be returned to the concerned college after remitting the required fees in bank.**

Unipune ID No.

2) Unipune ID No. is compulsory for those who have got eligibilty for course.

Examination Seat No.

(Number given by eligibility section)

To : The Controller of Examinations., University of Pune, Pune-411007.

Sir,

I request permission to present myself at the B.Sc. (Computer Science) Examination Course mentioned below to be held in April-May/Oct.-Nov. 20

For Office Use only

Batch No.

Sr. No.

EXAMINATION DETAILS

1. Part Combination appearing for : Tick the right Combination :

S.Y.	S.Y./T.Y.	T.Y.
01	02	03

2. Name of the College : ....

3. Name of the Centre at which appearing : ....

4.

SC	ST	OBC	DT/NT	Not Applicable
C	T	O	D	

(Tick the right category)

5.

Male	Female
1	2

6. *Mention Full Name in legible BLOCK Letters :

....

Surname   Name   Father's/Husband's Name   Mother's Name

*Applicant from South India, U.P., Upcountries and Foreigners should write the name as it should appear on University records. No change in the name will be made hereafter.

7. Sports activities 0.163 :

No. of Courses/Subjects

N.S.S.	N.C.C.	N.P.E.D.	A.E.D.	L.U.T.	OTHER
1	2	3	4	5	6

8. For the Previous Latest Appearance :

Year 20 ☐☐ Month ☐☐ & Seat No. ☐☐☐☐☐

Exam. Fee

Statement of Marks Fee

C.A.P. Fee

Passing Cert. Fee

Late Fee

9. Permanent Registration Number of B.Sc. Computer Science :

(Should be mentioned correctly) ☐☐☐☐☐☐☐☐☐

Total Fee

10. If exempted from paying examination fees tick the right category :
(Not applicable to the External Candidate)

BC	EBC	NT/DT	Freedom Fighter's Children	Service Personnel Children	Primary Teacher's Children
B	E	N	F	S	P

11. I pay herewith Rs. .... as examination fee, statement of marks fees and late fee details of which are : ....

12. Name of qualifying examination, Date of passing and the name of University :

....

13. Eligibility Certificate number and date, if applicable ....

14. Address for Correspondence ....

.... Mobile No. ....

15. XII Std. (H.S.C.) Exam. Pass : .... Month .... Year

[P.T.O.

N.B. :— **Candidate is requested to confirm that he has ticked against that subject for which he desire to appear please tick (☐) only the approriate column against the subject.**

Semester combination Appearing for S.Y. and T.Y. Tick the right Combination :

I	I & II	II	I & III	II & III	III	I & IV	II &IV	III & IV	IV	I & II & III	I & II & IV	I & III & IV	II & III & IV	I & II & III & IV
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15

Sem. I		**Sem. II**	
21111/CS-211	☐ Data Structure using C	22111/CS-221	☐ Objet Oriented Concepts & Programming in C++
21112/CS-212	☐ Relational Database Management Systems (RDBMS)	22112/CS-222	☐ Software Engineering
21211/MTC-211	☐ Linear Algebra	22113/CS-223	☐ Practical (Computer Science) Lab Course I
21212/MTC-212	☐ Numerical Analysis	22114/CS-224	☐ Practical Assignment Lab Course II
21311/ELC-211	☐ Microprocessor Architecture & Programming P-I	22211/MTC-221	☐ Computational Geometry
21312/ELC-212	☐ Communication Principles	22212/MTC-222	☐ Operations Research (Paper II)
21302/ELC-212	☐ Process Control (Instrumentation)	22213/MTC-223	☐ Practical Mathematics
	(2004 Course no Equivalance to be Continued)	22311/ELC-221	☐ 8051 Microcontroller & Embedded Systems
21511	☐ English	22312/ELC-222	☐ Digital Signal Processing
		22313/ELC-223	☐ Practical (Electronics)
		22511	☐ English
		22777	☐ A Course in Environmental Awareness

Sem. III		**Sem. IV**	
31111/CS-331	☐ Paper I : Systems Programming & Operating System-I	32121/CS-341	☐ Systems Programming & Operating System II
31112/CS-332	☐ Paper II : Theoretical Computer Science & Compiler Construction-I	32122/CS-342	☐ Theoretical Computer Science & Compiler Construction II
31113/CS-333	☐ Paper III : Computer Networks-I	32123/CS-343	☐ Computer Network II
31114/CS-334	☐ Paper IV : Web Development and PHP Programming-I	32124/CS-344	☐ Web Development and PHP Programming II
31115/CS-335	☐ Paper V : Programming in Java-I	32125/CS-345	☐ Programming in Java II
31116/CS-336	☐ Paper VI : Object Oriented Software Engineering	32126/CS-346	☐ Business Application
		32127/CS-347	☐ Lab. Course I : System Programming & Operating System
		32128/CS-348	☐ Lab. Course II : Programming in Java and PHP
		32129/CS-349	☐ Lab. Course III : Project (using Java or PHP)

DECLARATION

I hereby declare that I have gone through the syllabus and the list of books prescribed for the examination for which I am appearing. I WILL BE RESPONSIBLE for any errors and wrong or incorrect information supplied by me in the application form. I shall not request for special concession such as change in the time and / or day fixed for the University Examination on religious or any other grounds. The Courses/Subjects mentioned by me are as per University rules and regulations.

Yours faithfully,

....
Place   Date   Signature of the Candidate

Certificate from the Principal of the College

[Certificate to be signed by the Principal of the College at which the candidate has studied.]

1. I certify that the above named candidate is an Ex-student/Regular student of this College.
2. Statement as to his/her having passed in the subjects named herewith at a previous examination (or examinations) correct and that he/she has not appeared for those subjects at an examination subsequent to the one at which he/she has passed. Before forwarding the form of this candidate. I have scrutinised the entries made by his/her regarding the subjects of appearance and the subjects in which he/she has passed and they are correct.
3. The above student who has passed the examination to other examining body/recognised equivalent has obtained Eligibility Certificate from University of Pune.
4. That the syllabus and the list of books prescribed for the B.Sc. (Computer Science) examination to which the candidate is appearing have been duly notified to the student, and to the best of knowledge and belief he/she is a person of good conduct and has my permission to appear at the ensuing examination for the subjects for which he/she has applied.
5. That the statements made by the student in clause Nos. 1. to 9 are correct.
6. His/Her form is granted.

Place   : ....

Date   : ....
                                                                        Signature of the Principal

Note :—**Student desirous to avail of the benefit of 0.163 will have to fill in separate prescribed form which is available in the College. The form should be attached with necessary fees and certificates, alongwith the examination form.**

S.Y.B.SC. (COMPUTER SCIENCE)
EQUIVALENCE SUBJECTS FOR SEMESTER I & II

	OLD COURSE		**NEW COURSE**
	SEMESTER-I OLD COURSE		**SEMESTER-I NEW COURSE**
21101CS-211	Data Structures Image Structures and Related Algorithems in C	21111CS-211	Data Structure using C
21102CS-212	File Structures and Database Concepts	21112CS-212	Relational Database Management System (RDBMS)
	SEMESTER-II		**SEMESTER-II**
22101CS-221	Object Oriented Concepts and Programming in C++	22111CS-221	Object Oriented Concepts and Programming in C++
22102CS-222	File Structures and Databases Concepts	22112CS-222	Software Engineering
22103CS-223	Comp. Science Practical	22113CS-223	Practical (Comp. Sci.) Lab Course I

S.Y.B.SC. COMPUTER SCIENCE (MATHEMATICS)

	OLD COURSE		**NEW COURSE**
	SEMESTER-I		**SEMESTER-I**
21201MTC-211	Linear Algebra	21211MTC-211	Linear Algebra
21202MTC-212	Algebra	21212MTC-212	Numerical Analysis
	SEMESTER-II		**SEMESTER-II**
22201MTC-221	Computational Geometry	22211MTC-221	Computational Geometry
22202MTC-222	Operations Research	22212MTC-222	Operations Research
22203MTC-223	Mathematics Practical	22213MTC-223	Practical Mathematics

S.Y.B.SC. (COMP. SCI. ELECTRONICS)

	OLD COURSE		**NEW COURSE**
	SEMESTER-I		**SEMESTER-I**
21301ELC-211	Computer Organisation	21311ELC-211	Microprocessor Architechure And Programming
21302ELC-212	Process Control Instrumentation	21302ELC-212	Process Control Instrumentation (to be Continued)
	SEMESTER-II		**SEMESTER-II**
22301ELC-221	Microprocessors	22311ELC-221	8051 Microcontroller and Embedded Systems
22302ELC-222	Communication Principles	21312ELC-212	Communication Principles

5

T..Y.B.SC. (COMPUTER SCIENCE)
EQUIVALENCE SUBJECTS FOR SEMESTER III AND IV

OLD COURSE			**NEW COURSE**	
SEMESTER-III			**SEMESTER-III**	
31101/CS-331		System Programming I	31111/CS-331	System Programming I
31102/CS-332		Theoretical Computer Science & Compiler Construction I	31112/CS-332	Theoretical Computer Science & Compiler Construction I
31103/CS-333		Computer Networks & Network Administration I	31113/CS-333	Computer Networks I
31104/CS-334		Server Database & application Development I	31114/CS-334	Web Development and PHP Programming I
31105/CS-335		Obj. Ori. Concepts & Programming in Java I	31115/CS-335	Programming in Java I
31106/CS-336		Software Engineering II	31116/CS-336	Object Oriented Software Engg. & Business Applications

OLD COURSE			**NEW COURSE**	
SEMESTER-IV			**SEMESTER-IV**	
32101/CS-341		System Programming II	32121/CS-341	System Programming and Operating System II
32102/CS-342		Theoretical Computer Science & Compiler Construction II	32122/CS-342	Theoretical Computer Science & Compiler Construction II
32103/CS-343		Computer Networks & Network Administration II	32123/CS-343	Computer Networks II
32104/CS-344		Server Database & application Development II	32124/CS-344	Web Development and PHP Programming II
32105/CS-345		Advance Java Programming	32125/CS-345	Programming in Java II
32106/CS-346		Software Engineering II	32126/CS-346	Business Application
32109/CS-347		Computer Science Practical I	32127/CS-347	Lab. Course I : System Pragramming and Operating System
32110/CS-348		Computer Science Practical II	32127/CS-348	Lab. Course II: System Pragramming in Java and PHP
32111/CS-349		Computer Science Practical III	32128/CS-349	Lab. Course II : Project (using Java or PHP)