

ANDHRA UNIVERSITY
B.Sc. DEGREE EXAMINATIONS (C.C.S.) - MARCH - APRIL - 2012

TIME-TABLE

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>	<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
AT THE END OF FIRST YEAR					
PART-I					
Saturday, 24 th March 9 am to 12 noon	@Part-I (i) – English – Paper-I (For Supplementary Candidates)	100	Wednesday, 4 th April 9 am to 12 noon	Micro Biology- Paper-I (Introductory Micro Biology) +Statistics – Paper-I Probability and Distribution (with Mathematics Combination)	100 100
9 am to 11 am	@Part-I (i) – English – Paper-I (w.e.f. 2005-2006 Admitted Batch)	50		+Statistics – Paper-I Elementary Mathematics and Descriptive Statistics (with non-Mathe- matics combination)	100
Monday, 26 th March 9 am to 12 noon	@Part-I (ii) – Telugu or any other Classical or Modern Indian Languages – Paper-I	100	Saturday, 7 th April 9 am to 12 noon	Fisheries – Paper-I (Biology of Fish) Industrial Fish and Fisheries – Paper-I Petro Chemicals – Paper-I Aquaculture – Paper-I Engg. Geology & Geo-exploration – Paper-I Geology – Paper-I (Physical Geology, Crystallography and Mineralogy) Electronics – Paper-I (Circuit Analysis & Electronics Devices) Bio-Technology – Paper-I (Cell Biology and Genetics) Applied Nutrition – Paper-I Agriculture – Paper-I Medical Lab. Technology – Paper-I Horticulture- Paper-I	100 100 100 100 100 100 100 100 100 100 100
Tuesday, 27 th March 9 am to 10.30 am	@Part-I (iii) – Compulsory Subject: Part-A – Indian Heritage & Culture - Paper I (For Supplementary Candidates)	50		+Geography – Paper-I (Fundamentals of Physical Geography)	100
9 am to 12 noon	Part-I (iii) – Foundation Course-I (w.e.f. admitted batch 2009-2010)	70	AT THE END OF SECOND YEAR		
Part-II – Optional Subjects			PART-I		
Wednesday, 28 th March 9 am to 12 noon	@ Computer Course @ Computer Skills	100 100	Saturday, 24 th March 2 pm to 5 pm	@Part-I (i) – English – Paper-II (for Supplementary Candidates)	100
Thursday, 29 th March 9 am to 12 noon	Mathematics - Paper-I (Differential Equations & Solid Geometry) Botany – Paper-I (Diversity of Microbes and Cryptogams) (Microbial Divesity, Cryptogams and Gymnosperms)	100 100	2 pm to 4 pm	Part-I (i) – English – Paper-II (w.e.f. 2005-06 Admitted Batch)	50
Friday, 30 th March 9 am to 12 noon	Physics – Paper-I Mechanics, Waves and Oscillations (with Maths Combination) Physics - Paper-I Mechanics, Waves and Oscillations (with non-Maths Combination) Zoology – Paper-I (Biology of Invertebrates & Cell Biology)	100 100 100	Monday, 26 th March 2 pm to 5 pm	@ Part-I (ii) – Telugu or any other Classical or Modern Language–Paper-II @Part-I (iii) Compulsory Subject Part-B - Science & Civilization (For Supplementary Candidates)	100 50
Saturday, 31 st March 9 am to 12 noon	Chemistry – Paper-I (Inorganic, Organic, Physical & General Chemistry) Human Genetics – Paper-I Economics – Paper-I (Micro Economics)	100 100 150	See IIIrd Year		
Tuesday, 3 rd April 9 am to 12 noon	Applied Chemistry – Paper-I Computer Science – Paper-I (PG Software & Programming in ‘C’) Computer Maintenance – Paper-I Computer Applications – Paper-I Public Health – Paper-I Education – Paper-I Environmental Science – Paper-I Instrumentation – Paper-I Bio-Chemistry – Paper-I (Biomolecutles and Enzymology) Nutrition & Dietetics – Paper-I Forestry – Paper-I	100 100 100 100 100 100 100 100 100 100	Part-II – Optional Subjects :		
			Tuesday, 27 th March 2 pm to 5 pm	Environmental Studies	75
			Wednesday, 28 th March 2 pm to 5 pm	Computer Course Computer Skills	100 100
			Thursday, 29 th March 2 pm to 5 pm	Mathematics – Paper-II (Abstract Algebra & Real Analysis) Botany – Paper-II (Anatomy Embryology Taxonomy & Medicinal Botany)	100 100

Day, Date & Hours	Subjects	Marks
Friday, 30 th March 2 pm to 5 pm	Physics – Paper-II Thermodynamics and Optics (with Mathematics combination)	100
	Physics – Paper-II Thermodynamics & Optics (with Non-Mathematics combination)	100
	Economics – Paper-II (Macro Economics)	150
	Zoology – Paper-II (Biology of Chordates, Embryology & Zoogeography)	100
Saturday, 31 st March 2 pm to 5 pm	Chemistry – Paper-II (Inorganic, Organic, Physical & General Chemistry)	100
	Computer Maintenance – Paper-II	50
	Human Genetics – Paper-II	100
Monday, 2 nd April 2 pm to 5 pm	Fisheries – Paper-II (Fishery Biology)	100
	Industrial Fish and Fisheries – Paper-II	100
	Geology – Paper-II (Petrology and Structural Geology)	100
	Aquaculture – Paper-II	100
	Electronics – Paper-II (Devices & Circuits) (Analog Circuits & Communications)	100
	Petro Chemicals – Paper-II	100
	Applied Nutritions – Paper-II	100
	Agriculture – Paper-II	100
	Medical Lab. Tech. – Paper-II	100
	Engineering Geology & Geo-Exploration – Paper-II	100
	Bio-Technology- Paper-II (Biological Chemistry & Micro Biology)	100
	Horticulture- Paper-II	100
	Tuesday, 3 rd April 2 pm to 5 pm	Bio-Chemistry – Paper-II (Metabolism & Bio-Chemistry Techniques)
Public Health – Paper-II		100
Nutrition & Dietetics – Paper-II		100
Environmental Science – Paper-II		100
Computer Science – Paper-II (Programming in C++ and Data Structure) (Object Oriented Programming with JAVA & Data Structures)		100
Computer Applications – Paper-II		100
Instrumentation – Paper-II		100
Applied Chemistry – Paper-II		100
Forestry - Paper-II		100
Saturday, 7 th April 2 pm to 5 pm	+Education – Paper II	150
Wednesday, 11 th April 2 pm to 5 pm	Micro Biology – Paper-II (Microbial Physiology & Genetics)	100
	+Statistics – Paper-II Statistical Methods & Inference (with Maths combination)	100
	+Statistics – Paper-II Statistical Methods & (with Non-Maths combination)	100
Thursday, 12 th April 2 pm to 5 pm	+Geography – Paper-II (Social & Economics Geography) (Human & Economic Geography)	100

Day, Date & Hours	Subjects	Marks
AT THE END OF THIRD YEAR		
Saturday, 3 rd March 2 pm to 4-00 pm	@Part-I (i) – English – Paper-III (For Supple Candidates only)	50
Monday, 5th March 2 pm to 5 pm 2 pm to 3-30 pm	Foundation Course-II Science & Civilization (Also for IInd Year Supple Candidates)	70 50
Tuesday, 6 th March 2 pm to 5 pm	Mathematics – Paper-III (Rings, Fields and Linear Algebra) (Linear Algebra and Vector Calculus)	100
Wednesday, 7 th March 2 pm to 5 pm	Botany – Paper-III (Taxonomy, Palynology, Embryology and Utilization of Plants) (Cell Biology, Genetics, Ecology and Biodiversity)	100
	Mathematics – Paper-IV <i>Elective Subjects:</i>	
	Numerical Analysis *Number Theory *Theory of Probability *Lattice Theory *Discrete Mathematics Integral Transforms Linear Programming Topology Fourier Series and Integral Transforms Mechanics	100 100 100 100 100 100 100 100 100
Friday, 9 th March 2 pm to 5 pm	Botany – Paper - IV (Physiology, Cell Biology, Genetics & Biotechnology) (Physiology, Tissue Culture, Biotechnology, Seed Technology and Horticulture)	100
	Fisheries – Paper-III (Aquatic Biology) + Statistics – Paper-III Applied Statistics-I (with Maths Combination) + Statistics – Paper-III (Statistical Appln.) (with non-Mathematics Combination)	100 100 100
	Agriculture – Paper-III Petro Chemicals – Paper-III Industrial Fish and Fisheries – Paper-III Aquaculture – Paper-III Engg. Geology and Geo Exploration - Paper-III Bio-Technology – Paper-III (Molecularbiology and Genetic Engineering) (Molecular Biology, Genetic Engineering and Immunology)	100 100 100 100 100
	Geology - Paper-III (Paleontology, Indian Geology and Economics Geology)	100

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
(Continued)	Electronics – Paper-III (Solid State Electronics Circuits and Digital Electronics)	100
	(Digital electronics and Microprocessor)	100
	Applied Nutrition – Paper-III	100
	Medical Lab. Technology – Paper-III	100
	Horticulture – Paper-III (Floriculture and Landscape Gardening)	100
Saturday, 10 th March	Fisheries – Paper-IV Aquaculture	100
2 pm to 5 pm	Agriculture - Paper-IV	100
	+Statistics – Paper-IV Applied Statistics II (with Mathematics combination)	
	<i>Elective Subjects:</i>	
	Elements of Sampling & Experimental Designs	100
	+Elements of Computer Programming	100
	Optimization Methods	100
	Quality Reliability and Operations Research	100
	Bio-Statistics	100
	Actuarial Statistics	100
	Programming in C	100
	+Statistics - Paper-IV (with Non-Maths combination)	
	<i>Elective Subjects:</i>	
	+Elements of Sampling & Design of Experiments	100
	+Elements of Numerical Analysis and Operations Research	100
	+Demography	100
	Sampling Techniques and Design of Experiments	100
	Petro Chemicals – Paper-IV	100
	Industrial Fish and Fisheries – Paper-IV	100
	Aquaculture – Paper – IV	100
	Engg. Geology and Geo Exploration – Paper-IV	100
	Bio-Technology – Paper-IV (Applications of Bio-Technology)	100
	Geology – Paper-IV	
	<i>Elective Subjects:</i>	
	Groundwater Exploration	100
	Mineral Exploration	100
	Environmental Geology	100
	Electronics – Paper-IV	
	<i>Elective Subjects:</i>	
	Industrial Electronics	100
	Microprocessors	100
	Digital Systems	100
	Electronic Communication Systems	100
	Embedded System and Applications	100
	Digital Design using VHDL	100
	Applied Nutrition – Paper-IV	100
	Medical Lab. Technology – Paper-IV	100
	Horticulture – Paper-IV (Fruit and Vegetable Technology)	100

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
Monday, 12 th March	Applied Chemistry – Paper-III (Inorganic, Organic & Physical Chemistry)	100
2 pm to 5 pm	Computer Science – Paper-III (Database Management Systems)	100
	Forestry – Paper-III	100
	Bio-Chemistry- Paper-III (Physiology, Clinical Biochemistry and Immunology)	100
	Computer Applications – Paper-III	100
	Nutrition & Dietetics – Paper-III	100
	Environ. Science – Paper-III	100
Tuesday, 13 th March	Applied Chemistry – Paper-IV (Advanced Topic in Applied Chemistry)	100
2 pm to 5 pm	Computer Science – Paper-IV	100
	<i>Elective Subjects:</i>	
	Data Communications and Networks	100
	Programming in Java & HTML	100
	Visual Basic	100
	Internet Technologies & Web Commerce	100
	Systems Software	100
	Software Engineering	100
	Computer Graphics	100
	Visual C++	100
	Web Technologies	100
	GUI Programming	100
	Operating Systems	100
	PHP, My SQL and Apache	100
	Forestry – Paper-IV	100
	Environmental Science – Paper-IV	100
	Bio-Chemistry – Paper-IV (Microbiology and Molecular Biology)	100
	Computer Applications – Paper-IV	100
	Nutrition & Dietetics – Paper-IV	100
Wednesday, 14 th March	Physics – Paper-III	100
2 pm to 5 pm	Electricity - Magnetism and Electronics (for Maths combination)	
	Physics – Paper-III	100
	Electricity, Magnetism and Electronics (for non-Maths combination)	
	Zoology – Paper-III (Animal Physiology Behaviour and Ecology) (Animal Pysiology, Genetics & Evolution)	100
Thursday, 15 th March	Physics – Paper-IV	100
2 pm to 5 pm	Modern Physics (with Mathes combination)	
	Physics – Paper-IV (Modern Physics (with Non-Maths combination))	100
	Zoology-Paper-IV	
	<i>Electives:</i>	
	Aquaculture	100
	Clinical Science	100
	Applied Zoology	100

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
Friday, 16 th March 2 pm to 5 pm	Chemistry – Paper-III (Inorganic, Organic & Physical Chemistry)	100
	Computer Maintenance – Paper-III	100
	Instrumentation – Paper-III	100
	Public Health – Paper-III	100
	Education – Paper-III	100
	Human Genetics – Paper-III	100
	Public Health – Paper-III	100
Saturday, 17 th March 2 pm to 5 pm	Chemistry – Paper-IV (Chemistry of Drugs, Petrochemicals, Polymer Chemistry and Environmental Chemistry) (Chemistry and Industry)	100
	Instrumentation – Paper-IV	100
	Computer Maintenance – Paper-IV	100
	Education – Paper-IV	100
	Human Genetics – Paper-IV	100
	Public Health – Paper-IV	100

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>	
Monday, 19 th March 2 pm to 5 pm	+Geography – Paper-III (Regional Geography of India)	100	
	Microbiology – Paper-III (Immunology and Medical Microbiology)	100	
	Economics – Paper-III (Indian Economy and Environmental Economics (Indian Economy))	150 100	
	Tuesday, 20 th March 2 pm to 5 pm	+ Geography – Paper-IV (Regional Geography of Asia) (Remote Sensing and GIS)	100 100
	Microbiology – Paper-IV (Applied Microbiology)	100	
	Economics-Paper-IV <i>Electives :</i>		
	Public Finance & International Economics	150	
	Quantitative Techniques	150	
	Microbiology – Paper-IV	100	
	Economics-Paper-IV <i>Electives :</i>		
	Public Finance & International Economics	150	
	Quantitative Techniques	150	

@Common for B.A., B.Sc., B.Sc. (Home Science) and B.Com. (Vocational)

+ Common for B.A. and B.Sc.

I and II Year Mathematics Theory 100 Marks + Sessional and Record 50 Marks from 2004-2005 to the I year admitted batch onwards and remaining Candidates 150 Marks.

(By Order)

University Office
Visakhapatnam
Dt. 31-12-2011

Dr. K. SAMRAJYALAKSHMI
Special Registrar & Controller of Examinations