

ANDHRA UNIVERSITY
B.COM. (CCS-REVISED) ADVANCED SUPPLEMENTARY DEGREE EXAMINATION
JULY - AUGUST, 2012
REVISED 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 THIRD YEAR (with effect from 2008-2009 Admitted Batch)			AT THE END OF THIRD YEAR		
Part-I Subject			Part-I Subject (w.e.f. 1999-2000 Admitted Batch)		
Wednesday, 11 th July 2 p.m. to 3-30 p.m. 2 p.m. to 5 p.m.	Part I (i) - Science and Civilization (Also for IInd year Supplementary Candidates) Foundation Course - II	50 70	Tuesday, 10 th July 2 p.m. to 4 p.m.	Part-I (i) - English - Paper-III (For Supplementary Candidates only)	50
Part-II - Subjects			Part II - Subjects		
Thursday, 12 th July 2 p.m. to 5 p.m.	Business Laws	100	Thursday, 12 th July 2 p.m. to 5 p.m.	Business Laws	100
Friday, 13 th July 2 p.m. to 5 p.m.	Auditing	70	Friday, 13 th July 2 p.m. to 5 p.m.	Income Tax & Practical Auditing	100
Saturday, 14 th July 2 p.m. to 5 p.m.	Cost & Management Accounting	100	Saturday, 14 th July 2 p.m. to 5 p.m.	Cost & Management Accounting	100
Monday, 16 th July 2 p.m. to 5 p.m.	Corporate Accounting	70	Monday, 16 th July 2 p.m. to 5 p.m.	Business Correspondence & Report Writing	100
Elective Subjects - Paper-I			Tuesday, 17 th July 2 p.m. to 5 p.m.	Business Data Processing System (Theory)	75
Wednesday, 18 th July 2 p.m. to 5 p.m.	1. Life Insurance 2. Central Banking and Development Banking 3. Advanced Corporate Accounting 4. Cost Accounting 5. Retail Marketing 6. Financial Management 7. Principles of Marketing 8. Secretarial Practice 9. Database Management System 10. Fundamentals of C++ 11. Business Mathematics - I 12. Income Tax-I (2010-2011 only)	70 70 70 70 70 70 70 70 70 70 70 70	Elective Subjects - Paper-I		
(only for Supplementary Candidates)			Wednesday, 18 th July 2 p.m. to 5 p.m.	1. Financial Accounting-III 2. Corporate Accounts 3. Advanced Cost Accounting 4. Principles of Marketing 5. Company Law & Practice	100 100 100 100 100
Elective Subjects - Paper-II			Elective Subjects - Paper-II		
Thursday, 19 th July 2 p.m. to 5 p.m.	1. Non-Life Insurance 2. Computer Applications in Banking 3. Management Accounting I 4. Management Accounting II 5. Retail Operation Management & C.R.M 6. Micro-Credit and Foreign Trade Finance 7. Rural Marketing 8. Office Management 9. Electronic Commerce 10. Fundamentals of Java 11. Business Mathematics - II 12. Income Tax-II (2010-2011 only)	70 70 70 70 70 70 70 70 70 70 70 70	Thursday, 19 th July 2 p.m. to 5 p.m.	1. Advanced Management Accounting 2. Computer Appln. in Accounting (Theory) 3. Cost Control Techniques 4. Rural Marketing 5. Secretarial Practice	100 75 100 100 100
(only for Supplementary Candidates)			AT THE END OF FIRST YEAR (with effect from 2008-2009 Admitted Batch)		
Part I - Subjects			Part I - Subjects		
Part II - Subjects			Part II - Subjects		
(only for Supplementary Candidates)			Tuesday, 10 th July 9 a.m. to 11 a.m. 9 a.m. to 12 noon	Part I (i) English - Paper-I Part I (i) English - Paper-I (Supplementary Candidates)	50 100
(only for Supplementary Candidates)			Wednesday, 11 th July 9 a.m. to 12 noon	Part I (ii) Telugu or any other Classical or Modern Language - Paper-I	100
(only for Supplementary Candidates)			Thursday, 12 th July 9 a.m. to 10.30 a.m. 9 a.m. to 12 noon	Part I (iii) Part A-Indian Heritage & Culture (upto 2008-09 Admitted Batch) Foundation Courses-I (Admitted Batch of 2009-10)	50 70
(only for Supplementary Candidates)			Friday, 13 th July 9 a.m. to 12 noon	Computer Course (Introduction Computers)	100
(only for Supplementary Candidates)			Saturday, 14 th July 9 a.m. to 12 noon	Business Economics	100
(only for Supplementary Candidates)			Monday, 16 th July 9 a.m. to 12 noon	Financial Accounting - I	70
(only for Supplementary Candidates)			Tuesday, 17 th July 9 a.m. to 12 noon	Business Organisation & Management	70
(only for Supplementary Candidates)			Wednesday, 18 th July 9 a.m. to 12 noon	Fundamentals of Information Technology	70

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<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
AT THE END OF SECOND YEAR (with effect from 2008-2009 Admitted Batch)		
Part I - Subjects		
Wednesday 25 th July 9 a.m. to 11 a.m.	Part I (i) English - Paper II	50
Thursday, 26 th July 9 a.m. to 12 noon	Part I (ii) Telugu or any other Classical or Modern Language - Paper II	100
Part II - Subjects		
Friday, 27 th July 9 a.m. to 12 noon	Environmental Studies (Theory)	75
Saturday, 28 th July 9 a.m. to 12 noon	Computer Course (Office Automation Tools)	100
Monday, 30 th July 9 a.m. to 12 noon	Financial Accounting-II/Advanced Accounting	70
Tuesday, 31 st July 9 a.m. to 12 noon	Business Statistics	70
Wednesday, 1 st Aug. 9 a.m. to 12 noon	Financial Services/Banking & Insurance	70
Thursday, 2 nd Aug. 9 a.m. to 12 noon	Taxation	70

AT THE END OF SECOND YEAR (with effect from 1999-2000 Admitted Batch up to 2007-2008 Batches)		
Part I - Subjects		
Wednesday 25 th July 9 a.m. to 12 noon	Part I (i) English - Paper II (Supplementary Candidates)	100
9 a.m. to 11 a.m.	Part I (i) English - Paper II (w.e.f. 2005-2006 admitted batch)	50
Thursday, 26 th July 9 a.m. to 12 noon	Part I (ii) Telugu or any other Classical or Modern Language - Paper II	100
Wednesday, 11 th July 2 p.m. to 3-30 p.m.	Part I (iii) Part B - Science and Civilization (for Supplementary Candidates See Third Year Time Table)	50

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
Part II - Subjects		
Friday, 27 th July 9 a.m. to 12 noon	Environmental Studies (Theory)	75
Saturday, 28 th July 9 a.m. to 12 noon	Banking & Financial Systems	100
Monday, 30 th July 9 a.m. to 12 noon	Financial Accounting - II	100
Wednesday, 1 st Aug. 9 a.m. to 12 noon	Fundamentals of Computers (Theory)	75
Monday, 6 th Aug. 9 a.m. to 12 noon	Quantitative Techniques - II	100

***Note**

The following Equivalency Papers which have to be written by the Candidates who already appeared and failed in the I-B.Com. Papers prior to 2008-2009.

Candidates appeared prior to 2008-2009 and who failed in the following Papers.	Max. Marks	The Equivalent Papers (which are in force from 2008-2009) to be written by the Candidates who failed in the Papers prior to 2008-2009.	Max. Marks
1. Business Economics	100	1. Business Economics	100
2. Financial Accounting - I	100	2. Financial Accountings	70
3. Industrial Organisation & Management	100	3. Business Organisation & Management	70
4. Quantitative Techniques - I	100	4. Business Statistics of II year paper (to follow present syllabus of II year Business Statistics)	70

The above failed candidates have to appear for the equivalent papers as mentioned above from the examinations to be held from March, 2012 since, the Transitory Provision given to the above candidates is over by March, 2011.

(By Order)

University Office
Visakhapatnam
Date : 20-06-2012

Dr. K. SAMRAJYALAKSHMI
Special Registrar & Controller of Examinations

A N D H R A U N I V E R S I T Y
B. COM. DEGREE ADVANCED SUPPLE. EXAMINATION (VOCATIONAL-REVISED REGULATIONS)
JULY- AUGUST, 2012 -- REVISED 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 THIRD YEAR (with effect from 2008-2009 Admitted Batch)			AT THE END OF FIRST YEAR (with effect from 2008-2009 Admitted Batch)		
Part-I Subject			Part-I : Subjects		
Wednesday, 11 th July 2 p.m. to 3-30 p.m. 2 p.m. to 5-00 p.m.	Part I (i) - Science and Civilization (also for IInd year Supplementary Candidates) Foundation Course-II	50 70	Tuesday, 10 th July 9 a.m. to 11 a.m. 9 a.m. to 12 noon	Part I (i) English - Paper I Part I (i) English - Paper I (Supplementary Candidates)	50 100
Part II - Subjects			Part-II : Subjects		
Thursday, 12 th July 2 p.m. to 5 p.m.	Business Laws	100	Wednesday, 11 th July 9 a.m. to 12 noon	Part I (ii) Telugu or any other Classical or Modern Languages - Paper I	100
Friday, 13 th July 2 p.m. to 5 p.m.	Auditing	70	Thursday, 12 th July 9 a.m. to 10.30 a.m.	Part I (iii) Part A - Indian Heritage & Culture (upto 2008-09 Admitted Batch)	50
Saturday, 14 th July 2 p.m. to 5 p.m.	Cost & Management Accounting	100	Thursday, 12 th July 9 a.m. to 12 noon	Foundation Course-I (Admitted Batch of 2009-10)	70
Monday, 16 th July 2 p.m. to 5 p.m.	Corporate Accounting	70	(For all Vocational Courses except Comp. Applications)		
Elective Subjects			Friday, 13 th July 9 a.m. to 12 noon	Computer Course (Introduction to Computers)	100
Wednesday, 18 th July 2 p.m. to 5 p.m.	1. Tax Procedure & Practice : Paper V-Central Excise Procedure & Practice	70	Saturday, 14 th July 9 a.m. to 12 noon	Business Economics	100
	2. Office Magt. and Secretarial Practice : Paper V - Type-writing English (Higher) Computer Programming	70	Monday, 16 th July 9 a.m. to 12 noon	Financial Accounting - I	70
	3. Computer Applications : Paper V-Accounting Software Applications (Theory)	70	Tuesday, 17 th July 9 a.m. to 12 noon	Business Organisation & Management	70
Thursday, 19 th July 2 p.m. to 5 p.m.	1. Tax Procedure & Practice : Paper VI - Customs Proce. & Practice	70	Elective Subjects (Tax Procedure and Practice)		
	2. Office Mgt. and Secretarial Practice : Paper VI - Short-hand English (Lower)	100	Wednesday, 18 th July 9 a.m. to 12 noon	Fundamentals of Information Technology	70
	3. Computer Applications : Paper VI-Computer Applications in Banking (Theory)	70	Thursday, 19 th July 9 a.m. to 12 noon	Indian Tax System & Income Tax Law	70
AT THE END OF THIRD YEAR (w.e.f. 2001-2002 Admitted Batch)			Elective Subjects (Office Management and Secretarial Practice)		
Part I - Subjects			Wednesday, 18 th July 9 a.m. to 12 noon	Fundamentals of Information Technology	70
Tuesday, 10 th July 2 p.m. to 4 p.m.	Part-I (I) English - Paper III (For Supplementary Candidates)	50	Thursday, 19 th July 9 a.m. to 12 noon	Office Organisation & Management	70
Part II - Subjects			AT THE END OF FIRST YEAR		
Thursday, 12 th July 2 p.m. to 5 p.m.	Business Laws	100	Part-II : Subjects		
Friday, 13 th July 2 p.m. to 5 p.m.	Income Tax & Practical Auditing	100	(for Vocational Computer Applications Candidates only)		
Saturday, 14 th July 2 p.m. to 5 p.m.	Cost & Management Accounting	100	Friday, 13 th July 9 a.m. to 12 noon	Computer Skills	100
Monday, 16 th July 2 p.m. to 5 p.m.	Business Correspondence & Report Writing	100	Saturday, 14 th July 9 a.m. to 12 noon	Business Economics	100
Tuesday, 17 th July 2 p.m. to 5 p.m.	Business Data Processing Sys.(Theory)	75	Monday, 16 th July 9 a.m. to 12 noon	Financial Accounting I	70
Elective Subjects			Tuesday, 17 th July 9 a.m. to 12 noon	Business Organisation & Management	70
Wednesday, 18 th July 2 p.m. to 5 p.m.	1. Tax Procedure & Practice : Paper V-Central Excise Procedure & Practice	100	Elective Papers		
	2. Office Magt. and Secretarial Practice: Paper V - Type-writing English (Higher) Computer Programming	100	Wednesday, 18 th July 9 a.m. to 12 noon	Fundamentals of Information Technology	70
	3. Computer Applications : Paper V-Accounting Software Applications(Theory)	75	Thursday, 19 th July 9 a.m. to 12 noon	Information System Through Cobal	70
Thursday, 19 th July 2 p.m. to 5 p.m.	1. Tax Procedure & Practice : Paper VI - Customs Proce. & Practice	100	Elective Subjects for Supplementary Candidates		
	2. Office Mgt. and Secretarial Practice: Paper VI - Short-hand English (Lower)	100	Wednesday, 18 th July 9 a.m. to 12 noon	1. Computer Applications : Paper I - Basics of Information Tech. (Theory)	75
	3. Computer Applications : Paper VI - Computer Applications in Banking (Theory)	75		2. Tax Procedure & Practice: Paper I - Indian Tax System and Income Tax Law	100
				3. Office Magt. and Secretarial Practice: Paper I - Office Organisation & Mgmt.	100

Day, Date & Hours	Subjects	Marks
Thursday, 19 th July 9 a.m. to 12 noon	1. Computer Applications : Paper II - Information System through Cobol (Theory)	75
	2. Tax Procedure & Practice : Paper II - Central & State Tax Proce. and Practice	100
	3. Office Magt. and Secretarial Practice: Paper II - Introduction of Computers and Mgt. Information Systems	100
AT THE END OF SECOND YEAR (with effect from 2008-2009 Admitted Batch)		
Part I - Subjects		
Wednesday, 25 th July 9 a.m. to 11 a.m.	Part I (i) English - Paper II	50
Thursday, 26 th July 9 a.m. to 12 noon	Part I (ii) Telugu or any other Classical or Modern Language Paper - II	100
Part II - Subjects (for All Vocational Courses)		
Friday, 27 th July 9 a.m. to 12 noon	Environmental Studies (Theory)	75
Saturday, 28 th July 9 a.m. to 12 noon	Computer Courses (except Computer Appln.) Computer Skills (Computer Application)	100
Monday, 30 th July 9 a.m. to 12 noon	Financial Accounting-II/Advanced Accounting	70
Tuesday 31 st July 9 a.m. to 12 noon	Business Statistics	70
Wednesday, 1 st Aug. 9 a.m. to 12 noon	Financial Services/Banking & Insurance	70
Thursday, 2 nd Aug. 9 a.m. to 12 noon	Taxation	70
Elective Subjects		
Computer Applications :		
Friday, 3 rd Aug. 9 a.m. to 12 noon	Paper III - Foxpro and Computer Accountancy Through Tally	70
Saturday, 4 th Aug. 9 a.m. to 12 noon	Paper IV - Structured Programming Through iCi	70
Tax Procedure & Practice:		
Friday, 3 rd Aug. 9 a.m. to 12 noon	Paper III - Central & State Tax Procedures & Practice	70
Saturday, 4 th Aug. 9 a.m. to 12 noon	Paper IV - Income Tax Procedures & Practice	70
Office Magt. and Secretarial Practice :		
Friday, 3 rd Aug. 9 a.m. to 12 noon	Paper III - Business Communication and Commercial Correspondence	70
Saturday, 4 th Aug. 9 a.m. to 12 noon	Paper IV - Secretarial Practice	70
AT THE END OF SECOND YEAR Part I - Subjects		
Wednesday, 25 th July 9 a.m. to 12 noon	Part I (i) English - Paper II (Supplementary Candidates)	100
9 a.m. to 11 a.m.	Part I (i) English - Paper II (w.e.f. 2005-2006 Admitted Batch)	50
Thursday, 26 th July 9 a.m. to 12 noon	Part I (ii) Telugu or any other Classical or Modern Language Paper - II	100
Wednesday, 11 th July 2 p.m. to 3-30 p.m.	Part I (iii) Part B - Science & Civilization (For Supplementary Candidates See Third Year Time Table)	50

Day, Date & Hours	Subjects	Marks
Part II - Subjects (for All Vocational Courses except Computer Applications)		
Friday, 27 th July 9 a.m. to 12 noon	Environmental Studies (Theory)	75
Saturday, 28 th July 9 a.m. to 12 noon	Banking & Financial Systems	100
Monday, 30 th July 9 a.m. to 12 noon	Financial Accounting II	100
Wednesday, 1 st Aug. 9 a.m. to 12 noon	Fundamentals of Computers (Theory)	75
Elective Subjects		
Friday, 3 rd Aug. 9 a.m. to 12 noon	2. Tax Procedure & Practice: Paper III - Income Tax Procedure & Prac.	100
	3. Office Magt. and Secretarial Practice : Paper III - Business Commun. & Commercial Correspondence	100
Saturday, 4 th Aug. 9 a.m. to 12 noon	Tax Procedure & Practice : Paper IV - Wealth Tax & Gift Tax	100
	Office Magt. and Secretarial Practice : Paper IV - Secretarial Practice	100
Part II - Subjects (for Vocational Computer Applications Candidates only)		
Friday, 27 th July 9 a.m. to 12 noon	Environmental Studies (Theory)	75
Saturday, 28 th July 9 a.m. to 12 noon	Banking & Financial Systems	100
Monday, 30 th July 9 a.m. to 12 noon	Financial Accounting - II	100
Monday, 6 th Aug. 9 a.m. to 12 noon	Quantitative Techniques - II	100
Elective Subjects		
Friday, 3 rd Aug. 9 a.m. to 12 noon	Computer Applications : Paper III - Fox Pro & Computer Accountancy through Tally (Theory)	75
Saturday, 4 th Aug. 9 a.m. to 12 noon	Computer Applications : Paper IV - Structured Programming through eCi (Theory)	75
*Note		
The following Equivalency Papers which have to be written by the Candidates who already appeared and failed in the I-B.Com. Papers prior to 2008-2009		
Candidates appeared prior to 2008-2009 and who failed in the following Papers	Max. Marks	The Equivalent Papers (which are in force from 2008-2009) to be written by the Candidates who failed in the Papers prior to 2008-2009
1. Business Economics	100	1. Business Economics
2. Financial Accounting-I	100	2. Financial Accountings
3. Industrial Organisation & Management	100	3. Business Organisation & Management
4. Quantitative Techniques-I	100	4. Business Statistics of II year paper (to follow present syllabus of II year Business Statistics)
The above failed candidates have to appear for the equivalent papers as mentioned above from the examinations to be held from March, 2012 since, the Transitory Provision given to the above candidates is over by March, 2011.		

ANDHRA UNIVERSITY

B.Sc. DEGREE ADVANCED SUPPLEMENTARY EXAMINATIONS (C.C.S.) - JULY - AUGUST 2012

REVISED 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					
Tuesday, 10 th July 9 am to 12 noon	@ Part-I (i) ñ English ñ Paper-I (For Supplementary Candidates)	100	Friday, 20 th July 9 am to 12 noon	Micro Biology- Paper-I (Introductory Micro Biology)	100
9 am to 11 am	@ Part-I (i) ñ English ñ Paper-I (w.e.f. 2005-2006 Admitted Batch)	50		+Statistics ñ Paper-I Probability and Distribution (with Mathematics Combination)	100
Wednesday, 11 th July 9 am to 12 noon	@ Part-I (ii) ñ Telugu or any other Classical or Modern Indian Languages ñ Paper-I	100		+Statistics ñ Paper-I Elementary Mathematics and Descriptive Statistics (with non-Mathe- matics combination)	100
Thursday, 12 th July 9 am to 10.30 am	@ Part-I (iii) ñ Compulsory Subject : Part-A ñ Indian Heritage & Culture - Paper I (For Supplementary Candidates)	50	Saturday, 21 st July 9 am to 12 noon	Fisheries ñ Paper-I (Biology of Fish) Industrial Fish and Fisheries ñ Paper-I	100
9 am to 12 noon	Part-I (iii) ñ Foundation Course-I (w.e.f. admitted batch 2009-2010)	70		Petro Chemicals ñ Paper-I Aquaculture ñ Paper-I	100
Part-II ñ Optional Subjects				Engg. Geology & Geo-exploration ñ Paper-I	100
Friday, 13 th July 9 am to 12 noon	@ Computer Course @ Computer Skills	100 100		Geology ñ Paper-I (Physical Geology, Crystallography and Mineralogy)	100
Saturday, 14 th July 9 am to 12 noon	Mathematics - Paper-I (Differential Equations & Solid Geometry)	100		Electronics ñ Paper-I (Circuit Analysis & Electronics Devices)	100
	Botany ñ Paper-I (Diversity of Microbes and Cryptogams) (Microbial Diversity, Cryptogams and Gymnosperms)	100		Bio-Technology ñ Paper-I (Cell Biology and Genetics)	100
Monday, 16 th July 9 am to 12 noon	Physics ñ Paper-I Mechanics, Waves and Oscillations (with Maths Combination)	100		Applied Nutrition ñ Paper-I Agriculture ñ Paper-I	100
	Physics - Paper-I Mechanics, Waves and Oscillations (with non-Maths Combination)	100		Medical Lab. Technology ñ Paper-I Horticulture- Paper-I	100
	Zoology ñ Paper-I (Biology of Invertebrates & Cell Biology)	100	Tuesday, 24 th July 9 am to 12 noon	+Geography ñ Paper-I (Fundamentals of Physical Geography)	100
Tuesday, 17 th July 9 am to 12 noon	Chemistry ñ Paper-I (Inorganic, Organic, Physical & General Chemistry)	100	AT THE END OF SECOND YEAR		
	Human Genetics ñ Paper-I	100	PART-I		
	Economics ñ Paper-I (Micro Economics)	150	Wednesday, 25 th July 9 am to 12 noon	@ Part-I (i) ñ English ñ Paper-II (for Supplementary Candidates)	100
Thursday, 19 th July 9 am to 12 noon	Applied Chemistry ñ Paper-I	100	9 am to 11 am	Part-I (i) ñ English ñ Paper-II (w.e.f. 2005-06 Admitted Batch)	50
	Computer Science ñ Paper-I (PG Software & Programming in ñC)	100	Thursday, 26 th July 9 am to 12 noon	@ Part-I (ii) ñ Telugu or any other Classical or Modern Language ñ Paper-II	100
	Computer Maintenance ñ Paper-I	100		@ Part-I (iii) Compulsory Subject Part-B - Science & Civilization (For Supplementary Candidates)	50
	Computer Applications ñ Paper-I	100	See IIIrd Year		
	Public Health ñ Paper-I	100	Part-II ñ Optional Subjects :		
	Education ñ Paper-I	150	Friday, 27 th July 9 am to 12 noon	Environmental Studies	75
	Environmental Science ñ Paper-I	100	Saturday, 28 th July 9 am to 12 noon	Computer Course Computer Skills	100 100
	Instrumentation ñ Paper-I	100	Monday, 30 th July 9 am to 12 noon	Mathematics ñ Paper-II (Abstract Algebra & Real Analysis)	100
	Bio-Chemistry ñ Paper-I (Biomolecules and Enzymology)	100		Botany ñ Paper-II (Anatomy Embryology Taxonomy & Medicinal Botany)	100
	Nutrition & Dietetics ñ Paper-I	100			
	Forestry ñ Paper-I	100			

Day, Date & Hours	Subjects	Marks
Tuesday, 31 st July 9 am to 12 noon	Physics ñ Paper-II Thermodynamics and Optics (with Mathematics combination)	100
	Physics ñ Paper-II Thermodynamics & Optics (with Non-Mathematics combination)	100
	Economics ñ Paper-II (Macro Economics)	150
	Zoology ñ Paper-II (Biology of Chordates, Embryology & Zoogeography)	100
Wednesday, 1 st Aug. 9 am to 12 noon	Chemistry ñ Paper-II (Inorganic, Organic, Physical & General Chemistry)	100
	Computer Maintenance ñ Paper-II	50
	Human Genetics ñ Paper-II	100
Thursday, 2 nd Aug. 9 am to 12 noon	Fisheries ñ Paper-II (Fishery Biology)	100
	Industrial Fish and Fisheries ñ Paper-II	100
	Geology ñ Paper-II (Petrology and Structural Geology)	100
	Aquaculture ñ Paper-II	100
	Electronics ñ Paper-II (Devices & Circuits) (Analog Circuits & Communications)	100
	Petro Chemicals ñ Paper-II	100
	Applied Nutritions ñ Paper-II	100
	Agriculture ñ Paper-II	100
	Medical Lab. Tech. ñ Paper-II	100
	Engineering Geology & Geo-Exploration ñ Paper-II	100
	Bio-Technology- Paper-II (Biological Chemistry & Micro Biology)	100
	Horticulture- Paper-II	100
Friday, 3 rd Aug. 9 am to 12 noon	Bio-Chemistry ñ Paper-II (Metabolism & Bio-Chemistry Techniques)	100
	Public Health ñ Paper-II	100
	Nutrition & Dietetics ñ Paper-II	100
	Environmental Science ñ Paper-II	100
	Computer Science ñ Paper-II (Programming in C++ and Data Structure) (Object Oriented Programming with JAVA & Data Structures)	100
	Computer Applications ñ Paper-II	100
	Instrumentation ñ Paper-II	100
	Applied Chemistry ñ Paper-II	100
	Forestry - Paper-II	100
Monday, 6 th Aug. 9 am to 12 noon	+Education ñ Paper II	150
Thursday, 9 th Aug. 9 am to 12 noon	Micro Biology ñ Paper-II (Microbial Physiology & Genetics)	100
	+Statistics ñ Paper-II Statistical Methods & Inference (with Maths combination)	100
	+Statistics ñ Paper-II Statistical Methods & (with Non-Maths combination)	100
Saturday, 11 th Aug. 9 am to 12 noon	+Geography ñ Paper-II (Social & Economics Geography) (Human & Economic Geography)	100

Day, Date & Hours	Subjects	Marks
AT THE END OF THIRD YEAR		
Tuesday, 10 th July 2 pm to 4-00 pm	@ Part-I (i) ñ English ñ Paper-III (For Supple Candidates only)	50
Wednesday, 11 th July 2 pm to 5 pm	Foundation Course-II	70
2 pm to 3-30 pm	Science & Civilization (Also for II nd Year Supple. Candidates)	50
Thursday, 12 th July 2 pm to 5 pm	Mathematics ñ Paper-III (Rings, Fields and Linear Algebra) (Linear Algebra and Vector Calculus)	100
	Botany ñ Paper-III (Taxonomy, Palynology, Embryology and Utilization of Plants) (Cell Biology, Genetics, Ecology and Biodiversity)	100
Friday, 13 th July 2 pm to 5 pm	Mathematics ñ 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	100 100 100 100 100 100 100 100 100 100
	Botany ñ Paper - IV (Physiology, Cell Biology, Genetics & Biotechnology) (Physiology, Tissue Culture, Biotechnology, Seed Technology and Horticulture)	100
Saturday, 14 th July 2 pm to 5 pm	Fisheries ñ Paper-III (Aquatic Biology) *Statistics ñ Paper-III Applied Statistics-I (with Maths Combination) *Statistics ñ Paper-III (Statistical Appln.) (with non-Mathematics Combination)	100 100 100
	Agriculture ñ Paper-III	100
	Petro Chemicals ñ Paper-III	100
	Industrial Fish and Fisheries-Paper-III	100
	Aquaculture ñ Paper-III	100
	Engg. Geology and Geo Exploration - Paper-III	100
	Bio-Technology ñ Paper-III (Molecularbiology and Genetic Engineering) (Molecular Biology, Genetic Engineering and Immunology)	100 100
	Geology - Paper-III (Paleontology, Indian Geology and Economics Geology)	100

Day, Date & Hours	Subjects	Marks
Saturday, 14 th July 2 pm to 5 pm (Continued)	Electronics ñ Paper-III (Solid State Electronics Circuits and Digital Electronics)	100
	(Digital electronics and Microprocessor)	100
	Applied Nutrition ñ Paper-III	100
	Medical Lab. Technology ñ Paper-III	100
	Horticulture ñ Paper-III (Floriculture and Landscape Gardening)	100
Monday, 16 th July 2 pm to 5 pm	Fisheries ñ Paper-IV Aquaculture	100
	Agriculture - Paper-IV	100
	+Statistics ñ 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 ñ Paper-IV	100
	Industrial Fish and Fisheries-Paper-IV	100
	Aquaculture ñ Paper ñ IV	100
	Engg. Geology and Geo Exploration - Paper-IV	100
	Bio-Technology ñ Paper-IV (Applications of Bio-Technology)	100
	Geology ñ Paper-IV	
	<i>Elective Subjects:</i>	
	Groundwater Exploration	100
	Mineral Exploration	100
	Environmental Geology	100
	Electronics ñ 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 ñ Paper-IV	100
	Medical Lab. Technology ñ Paper-IV	100
	Horticulture ñ Paper-IV (Fruit and Vegetable Technology)	100

Day, Date & Hours	Subjects	Marks
Tuesday, 17 th July 2 pm to 5 pm	Applied Chemistry ñ Paper-III (Inorganic, Organic & Physical Chemistry)	100
	Computer Science ñ Paper-III (Database Management Systems)	100
	Forestry ñ Paper-III	100
	Bio-Chemistry- Paper-III (Physiology, Clinical Biochemistry and Immunology)	100
	Computer Applications ñ Paper-III	100
	Nutrition & Dietetics ñ Paper-III	100
	Environ. Science ñ Paper-III	100
Wednesday, 18 th July 2 pm to 5 pm	Applied Chemistry ñ Paper-IV (Advanced Topic in Applied Chemistry)	100
	Computer Science ñ 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 ñ Paper-IV	100
	Environmental Science ñ Paper-IV	100
	Bio-Chemistry ñ Paper-IV (Microbiology and Molecular Biology)	100
	Computer Applications ñ Paper-IV	100
	Nutrition & Dietetics ñ Paper-IV	100
Thursday, 19 th July 2 pm to 5 pm	Physics ñ Paper-III Electricity - Magnetism and Electronics (for Maths combination)	100
	Physics ñ Paper-III Electricity, Magnetism and Electronics (for non-Maths combination)	100
	Zoology ñ Paper-III (Animal Physiology Behaviour and Ecology) (Animal Pysiology, Genetics & Evolution)	100
Friday, 20 th July 2 pm to 5 pm	Physics ñ Paper-IV Modern Physics (with Mathes combination)	100
	Physics ñ Paper-IV Modern Physics (with Non-Maths combination)	100
	Zoology-Paper-IV	
	<i>Electives:</i>	
	Aquaculture	100
	Clinical Science	100
	Applied Zoology	100

Day, Date & Hours	Subjects	Marks	Day, Date & Hours	Subjects	Marks	
Saturday, 21 st July 2 pm to 5 pm	Chemistry ñ Paper-III (Inorganic, Organic & Physical Chemistry)	100	Thursday, 26 th July 2 pm to 5 pm	+Geography ñ Paper-III (Regional Geography of India)	100	
	Computer Maintenance ñ Paper-III	100		Microbiology ñ Paper-III (Immunology and Medical Microbiology)	100	
	Instrumentation ñ Paper-III	100		Economics ñ Paper-III (Indian Economy and Environmental Economics (Indian Economy))	150	
	Public Health ñ Paper-III	100			100	
	Education ñ Paper-III	100		Friday, 27 th July 2 pm to 5 pm	+Geography ñ Paper-IV (Regional Geography of Asia)	100
	Human Genetics ñ Paper-III	100		(Remote Sensing and GIS)	100	
Monday, 23 rd July 2 pm to 5 pm	Chemistry ñ Paper-IV (Chemistry of Drugs, Petrochemicals, Polymer Chemistry and Environmental Chemistry) (Chemistry and Industry)	100	Microbiology ñ Paper-IV (Applied Microbiology)	100		
	Instrumentation ñ Paper-IV	100	Economics-Paper-IV <i>Electives :</i>			
	Computer Maintenance ñ Paper-IV	100	Public Finance & International Economics	150		
	Education ñ Paper-IV	100	Quantitative Techniques	150		
	Human Genetics ñ Paper-IV	100	Microbiology ñ Paper-IV	100		
	Public Health ñ 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.

Ist and IInd 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. 20-06-2012

Dr. K. SAMRAJYALAKSHMI
Special Registrar & Controller of Examinations

ANDHRA UNIVERSITY

B.Sc. DEGREE ADVANCED SUPPLEMENTARY EXAMINATION (CCS) VOCATIONAL JULY / AUGUST, 2012

REVISED 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 THIRD YEAR			AT THE END OF SECOND YEAR		
Tuesday, 10 th July 2 pm to 4 pm	@Part I (i) - English Paper-III (w.e.f. 2005-2006 admitted batch)	50	Wednesday, 25 th July 9 am to 12 noon	Part-I@ (i) - English Paper-II (for Supplementary Candidates)	100
Wednesday, 11 th July 2 pm to 5 pm	Foundation Course-II	70	9 am to 11 am	@Part-I (i) - English-Paper-II (w.e.f. 2005-2006 Admitted Batch)	50
	Science & Civilisation (also for IInd year Supplementary Candidates)	50	Thursday, 26 th July 9 am to 12 noon	@Part-I (ii) - Telugu or any other Classical or Modern Language Paper-II	100
Thursday, 12 th July 2 pm to 5 pm	Mathematics - Paper-III (Rings, Fields & Linear Algebra) (Rings & Linear Algebra)	100		@Compulsory Subject-Part-I (iii) Part-B : Science & Civilization (For Supplementary Candidates only)	50
	Botany - Paper-III	100	See IIIrd Year		
Friday, 13 th July 2 pm to 5 pm	Mathematics - Paper-IV Botany - Paper-IV	100 100		Part-II : Optional Subjects	
	Vocational Papers		Friday, 27 th July 9 am to 12 noon	Environmental Studies	75
Saturday, 14 th July 2 pm to 5 pm	EEM-V : The 8086/8080 Family Architecture Programming Inter Facing and Hardware Horticulture ñ Paper-V Industrial Chemistry - Paper-V Bio-Technology - Paper-V Seed Technology - Paper-V Electronics - Paper-III	100 100 100 100 100 100 100	Saturday, 28 th July 9 am to 12 noon	Computer Course Computer Skills	100 100
	Vocational Papers		Monday, 30 th July 9 am to 12 noon	Mathematics ñ Paper-II Botany Paper-II	100 100
Monday, 16 th July 2 pm to 5 pm	EEM-VI : Computer Programming Fortran Horticulture ñ Paper-VI Industrial Chemistry - Paper-VI Bio-Technology - Paper-VI Seed Technology - Paper-VI Electronics - Paper-IV	100 100 100 100 100 100	Tuesday, 31 st July 9 am to 12 noon	Physics - Paper-II (Thermodynamics and optics with Mathematics combination) Zoology : Paper-II	100 100
	Vocational Papers		Wednesday, 1 st Aug. 9 am to 12 noon	Chemistry - Paper-II Vocational Papers Computer Maintenance ñ Paper-III	100 100
Thursday, 19 th July 2 pm to 5 pm	Physics - Paper-III (Electro Magnetism & Electronics for Mathematics Combination) Zoology - Paper-III	100 100	Thursday, 2 nd Aug. 9 am to 12 noon	General Chemistry (for M.C. Candidates only) Computer Maintenance-IV	100 100
Friday, 20 th July 2 pm to 5 pm	Physics - Paper-IV (Electro Magnetism & Electronics) (with Mathematics Combination) Zoology - Paper-IV	100 100	Friday, 3 rd Aug. 9 am to 12 noon	EEM III-Audio/Video Equipment and Principles Horticulture Paper-III Industrial Chemistry Paper-III Bio-Technology Paper-III Seed Technology : Paper-III	100 100 100 100
Saturday, 21 st July 2 pm to 5 pm	Chemistry - Paper-III Vocational Papers Computer Maintenance - Paper-V	100 100	Monday, 6 th Aug. 9 am to 12 noon	EEM IV ñ (Micro Processor Instruments Control) Horticulture ñ Paper - IV Industrial Chemistry Paper - IV Bio-Technology Paper - IV Seed Technology Paper - IV	100 100 100 100
Monday, 23 rd July 2 pm to 5 pm	Chemistry - Paper-IV Vocational Papers Computer Maintenance - Paper-VI	100 100			

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
AT THE END OF FIRST YEAR		
PART-I		
Tuesday, 10 th July 9 am to 12 noon	@ Part-I (i) English-Paper-I (for Supplementary candidates)	100
9 am to 11 am	@ Part-I (i) English-Paper-I (w.e.f. 2005-2006 Admitted Batch)	50
Wednesday, 11 th July 9 am to 12 noon	@ Part-I (ii) Telugu or any other Classical or Modern Language Paper-I	100
Thursday, 12 th July 9 am to 10-30 am	@ Compulsory Subject : Part-I (iii) Part-A : Indian Heritage and Culture (For Supple. Candidates only)	50
9 am to 12-00 noon	Foundation Course-I	70
Part-II : Optional Subjects		
Friday, 13 th July 9 am to 12 noon	Computer Courses Computer Skills	100 100
Saturday, 14 th July 9 am to 12 noon	Mathematics-Paper-I Botany Paper-I	100 100

<i>Day, Date & Hours</i>	<i>Subjects</i>	<i>Marks</i>
Monday, 16 th July 9 am to 12 noon	Physics - Paper-I Mechanics Wages and Oscillations (With Mathematics Combination) Zoology - Paper-I	100 100
Tuesday, 17 th July 9 am to 12 noon	Chemistry - Paper-I Vocational Papers Computer Maintenance - Paper - I	100 100
Wednesday, 18 th July 9 am to 12 noon	Computer Maintenance - II	100
Thursday, 19 th July 9 am to 12 noon	EEM-I - Electronics Principles and Devices Horticulture - Paper-I Industrial Chemistry - Paper-I Bio-Technology - Paper-I Seed Technology - Paper-I	100 100 100 100 100
Friday, 20 th July 9 am to 12 noon	EEM-II - Electronics Circuits and Assembles Horticulture - Paper-II Industrial Chemistry - Paper-II Bio-Technology - Paper-II Seed Technology - Paper-II	100 100 100 100 100

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

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