

# ANDHRA UNIVERSITY

## B.A. DEGREE EXAMINATION (CCS/VOCATIONAL/RESTRUCTURED)

MARCH - APRIL, 2012

### TIME-TABLE

| Day, Date & Hours                                   | Subjects  | Marks      | Day, Date & Hours   | Subjects   | Marks             |
|---|---|------------|---|--|-------------------|
| <b>AT THE END OF FIRST YEAR</b>                     |   |            |   |  |                   |
| <b><u>Part I</u></b>                                |   |            |   |  |                   |
| Saturday 24 <sup>th</sup> March<br>9 am to 12 noon  | @Part-I (i) ñ English ñ Paper-I<br>(Supplementary Candidates)                               | 100        | Monday 2 <sup>nd</sup> April<br>9 am to 12 noon   | Economics ñ Paper-I<br>Rural Economics ñ Paper-I<br>Urdu ñ Paper-I | 100<br>100<br>100 |
| 9 am to 11 am                                       | Part-I (i) ñ English ñ Paper-I<br>(w.e.f. 2005-2006 Admitted Batch)                         | 50         | Tuesday 3 <sup>rd</sup> April<br>9 am to 12 noon  | English ñ Paper-I (English Lit.)<br>@Education ñ Paper-I           | 100               |
| Monday 26 <sup>th</sup> March<br>9 am to 12 noon    | @Part-I (ii)ñTelugu or any other<br>Classical or Modern Indian<br>Languages ñ Paper-I       | 100        | <b><u>Vocational Courses</u></b>  |  |                   |
| Tuesday 27 <sup>th</sup> March<br>9 am to 10.30 am  | @Part-I (iii) Part-A ñ<br>Indian Heritage & Culture<br>(upto 2008-2009 batch)               | 50         | Computer Applications ñ Paper-I<br>(Computer Fundamentals)  |  |                   |
| 9 am to 12 noon                                     | Foundation Courses<br>(from 2009-2010 batch)  | 70         | Actuarial Sciences ñ Paper-II<br>(Mathematics of Finances)  |  |                   |
| <b><u>PART-II ñ Optional Subjects</u></b>           |   |            | <b><u>Restructured Courses</u></b>  |  |                   |
| Wednesday 28 <sup>th</sup> March<br>9 am to 12 noon | Computer Course<br>Computer Skills  | 100<br>100 | Local Self Government-Paper-I   |  |                   |
| Thursday 29 <sup>th</sup> March<br>9 am to 12 noon  | Mathematics Paper-I<br>(Supplementary Candidates)   | 100        | Computer Applications ñ Paper-I<br>(Introduction to Computer<br>Programming & Applications)               |  |                   |
|   | Mathematics ñ Paper-I<br>(w.e.f. 2005-2006 Admitted Batch)                                  | 100        | Agricultural Marketing ñ Paper-I<br>(Principles of Marketing)   |  |                   |
|   | History ñ Paper-I<br>(Indian History and Culture from<br>earlier times upto 1526 AD)        | 100        | Management Studies ñ Paper-I<br>(Office Mgt. & Business Commns.)  |  |                   |
|   | Psychology ñ Paper-I<br>(General & Social Psychology)                                       | 75         | Office Organization & Mgt.ñPaper-I<br>(Office Management)   |  |                   |
|   | <b><u>Vocational Courses</u></b>  |            | Wednesday 4 <sup>th</sup> April<br>9 am to 12 noon  | Telugu ñ Paper-I (Poetry)<br>Oriya ñ Paper-I (Poetry)              | 100<br>100        |
|   | Foreign Trade Practice & Procedures<br>Paper-I (Basics of Foreign Trade)                    | 100        | @StatisticsñPaper-I (with Non-Maths.<br>Combination)ñElementary Maths. &<br>Descriptive Statistics        |  |                   |
| Friday 30 <sup>th</sup> March<br>9 am to 12 noon    | Philosophy ñ Paper-I<br>(Indian Philosophy)   | 100        | @Statistics ñ Paper-I (with Maths.<br>Combination)ñProbability and<br>Distribution                        |  |                   |
|   | Social Work ñ Paper-I (Social Work<br>Profession and Philosophy and Concepts)               | 75         | Philosophy ñ Paper-I<br>(Western Philosophy)  |  |                   |
|   | Music ñ Paper-I   | 50         | <b><u>Restructured Courses</u></b>  |  |                   |
|   | <b><u>Restructured Courses</u></b>  |            | Industrial Relations ñ Paper-I<br>(Labour Problems and Welfare)   |  |                   |
|   | Farm Management - Paper-I<br>(Elements of Farm Management)                                  | 100        | Human Resource and Management   |  |                   |
|   | Journalism & Mass Communications<br>Paper-I (History of Journalism)                         | 100        | Saturday 7 <sup>th</sup> April<br>9 am to 12 noon   | Sociology ñ Paper-I<br>(Principles of Sociology)                   | 100               |
|   | Rural Industrialization ñ Paper-I<br>(Problems & Perspective of Rural<br>Industrialization) | 100        | Commerce ñ Paper ñ I<br>(Business Orgn. & Management)   |  |                   |
|   | Rural Development ñ Paper-I<br>(Rural Development Macro<br>Economics Planning and Policies) | 100        | Hindi ñ Paper-I   |  |                   |
|   | Tourism & Travel Mgmt. ñ Paper-I  | 100        | Philosophy ñ Paper-I<br>(General and Social Psychology)   |  |                   |
|   | <b><u>Vocational Courses</u></b>  |            | Monday 9 <sup>th</sup> April<br>9 am to 12 noon   | Public Administration ñ Paper-I<br>(Concepts and Theories)         | 100               |
|   | Foreign Trade Practice & Procedures<br>Paper-II (India's Foreign Trade)                     | 100        | Anthropology ñ Paper-I  |  |                   |
| Saturday 31 <sup>st</sup> March<br>9 am to 12 noon  | Politics ñ Paper-I<br>(Political Science ñ Concepts,<br>Theories and Institutions)          | 100        | <b><u>Vocational Courses</u></b>  |  |                   |
|   | Philosophy ñ Paper-I<br>(Eastern Philosophy)  | 70         | Computer Applications ñ Paper-II<br>(Elements of Data Structures and<br>required programming methodology) |  |                   |
|   |   |            | Tuesday 10 <sup>th</sup> April<br>9 am to 12 noon   | Actuarial Sciences ñ Paper-I<br>(Actuarial Economics & A/c)        | 100               |
|   |   |            | Geography ñ Paper-I<br>(Principles of Physical Geography)   |  |                   |

| <i>Day, Date &amp; Hours</i>                     | <i>Subjects</i>  | <i>Marks</i>                    | <i>Day, Date &amp; Hours</i>                     | <i>Subjects</i>  | <i>Marks</i>          |
|--|--|---------------------------------|--|--|-----------------------|
| <b>AT THE END OF SECOND YEAR</b>                 |  |                                 |  |  |                       |
| <b><u>PART-I</u></b>                             |  |                                 |  |  |                       |
| Saturday 24 <sup>th</sup> March<br>2 pm to 5 pm  | @Part-I (i) ñ English ñ Paper-II<br>(Supplementary Candidates)   | 100                             |  |  |                       |
| 2 pm to 4 pm                                     | Part-I (i) ñ English ñ Paper-II<br>(w.e.f. 2005-2006 Admitted Batch)   | 50                              | Saturday 7 <sup>th</sup> April<br>2 pm to 5 pm   | Politics ñ Paper-II<br>(Indian Government & Politics)<br>Education ñ Paper-II  | 100<br>100            |
| Monday 26 <sup>th</sup> March<br>2 pm to 5 pm    | @ Part-I (ii) ñ Telugu or any other<br>Classical or Modern Indian<br>Language ñ Paper-II   | 100                             |  | <b><u>Vocational Courses</u></b><br>Tourism & Travel Mgt. ñ Paper-III<br>(Tourism Marketing)   | 100<br>100            |
| <b>See IIIrd Year</b>                            | @Part-I (iii) Part-B ñ Science &<br>Civilization (For Supply. Candidates)  | 50                              |  | Foreign Trade Practices & Proced. -<br>Paper-III (Elements of Export Marketing)  | 100                   |
| <b><u>Part-II Optional Subjects</u></b>          |  |                                 | Monday 9 <sup>th</sup> April<br>2 pm to 5 pm     | Philosophy ñ Paper-II<br>(Western Philosophy)<br>Social Work ñ Paper-II<br>(Social Work Intervention Methods and strategies)<br>Music ñ Paper-II   | 100<br>75<br>50       |
| Tuesday 27 <sup>th</sup> March<br>2 pm to 5 pm   | Environmental Studies (Theory)   | 75                              |  | <b><u>Vocational Courses</u></b><br>Journalism & Mass Communication<br>Paper-IV (Editing and Photo Journ.)   | 100                   |
| Wednesday 28 <sup>th</sup> March<br>2 pm to 5 pm | Computer Course<br>Computer Skills   | 100<br>100                      |  | Tourism & Travel Mgt. ñ Paper-IV<br>(Travel Management)  | 100                   |
| Thursday 29 <sup>th</sup> March<br>2 pm to 5 pm  | Mathematics ñ Paper-II<br>(Supplementary Candidates)<br>Mathematics ñ Paper-II<br>(w.e.f. 2005-2006 Admitted Batch)<br>Psychology ñ Paper-II<br>(General & Social Psychology)  | 100<br>100<br>75                |  | <b><u>Restructured Courses</u></b><br>Journalism & Mass Communication<br>Paper-II (Reporting and Editing)<br>Tourism & Travel Mgt. ñ Paper-II<br>(Indian Culture Perspective for Tourism)  | 75<br>100<br>100      |
| Friday 30 <sup>th</sup> March<br>2 pm to 5 pm    | History ñ Paper-II<br>(Indian History and Culture from<br>1526 to 1964 AD)   | 100                             |  | Rural Industrialisation ñ Paper-II<br>(Economics of Rural Industrialization)<br>Rural Development ñ Paper-II<br>Farm Management ñ Paper-II   | 100<br>100<br>100     |
| Saturday 31 <sup>st</sup> March<br>2 pm to 5 pm  | Local Self Government ñ Paper-II<br>(Urban Local Government with<br>special reference to A.P.)<br>Computer Applications ñ Paper-II<br>(Information systems & Design)<br>Agricultural Marketing ñ Paper-II<br>(Production Economics and Farm<br>Management)<br>Management Studies ñ Paper-II<br>(Principles of Marketing and Sales<br>Management)<br>Paper-II Office Organization &<br>Management (Office Management) | 100<br>100<br>100<br>100<br>100 | Tuesday 10 <sup>th</sup> April<br>2 pm to 5 pm   | Sociology ñ Paper-II (Indian Society)<br>Commerce ñ Paper-II (Accountancy)   | 100<br>100            |
| Monday 2 <sup>nd</sup> April<br>2 pm to 5 pm     | Public Administration ñ Paper-II<br>(Indian Administration)<br>Anthropology ñ Paper-II   | 100<br>100                      |  | <b><u>Vocational Courses</u></b><br>Foreign Trade Practice & Procedures<br>Paper-IV (Foreign Trade Financing & Procedures)   | 100                   |
|  | <b><u>Vocational Courses</u></b><br>Computer Applications ñ Paper-III<br>(Business Data Processing System)<br>Actuarial Sciences ñ Paper-IV<br>(Life Contingencies-I)  | 60<br>60                        | Wednesday 11 <sup>th</sup> April<br>2 pm to 5 pm | Telugu ñ Paper-II<br>(History of Telugu Litt. & Culture)<br>@Statistics ñ Paper-II<br>(Statistical Methods with non-Maths. Combination)<br>@Statistics ñ Paper-II<br>(Statistical Methods & Inference<br>with Maths. Combination)                      | 100<br>100<br>100     |
| Tuesday 3 <sup>rd</sup> April<br>2 pm to 5 pm    | Economics ñ Paper-II<br>Urdu ñ Paper-II<br>Rural Economics ñ Paper-II<br>Philosophy ñ Paper-II<br>(Eastern Philosophy)   | 100<br>100<br>100<br>70         |  | Oriya ñ Paper-II<br>Philosophy ñ Paper-II<br>(Western Philosophy)  | 100<br>70             |
| Wednesday 4 <sup>th</sup> April<br>2 pm to 5 pm  | English ñ Paper-II   | 100                             | Thursday 12 <sup>th</sup> April<br>2 pm to 5 pm  | <b><u>Restructured Courses</u></b><br>Industrial Relations ñ Paper-II/<br>Human Resource Management - Paper-II<br>@Geography ñ Paper-II<br>(Social & Economic Geography)<br>Hindi ñ Paper-II<br>Philosophy ñ Paper-II<br>(Logic & Theory of Knowledge) | 75<br>70<br>100<br>70 |

\* These papers are divided into Parts **A** and **B**. Part - **A** consists of narrative type and Part - **B** consists of Objective type questions.  
@ Common for B.A., B.Sc., B.Sc.(Home Science) and B.Com. (Vocational)

(By Order)

**A N D H R A U N I V E R S I T Y**  
**B.A. DEGREE EXAMINATION (CCS/VOCATIONAL/RESTRUCTURED)**  
**IIIrd Year March/April - 2012**

**TIME-TABLE**

| <i>Day, Date &amp; Hours</i>   | <i>Subjects</i>   | <i>Marks</i> | <i>Day, Date &amp; Hours</i>                      | <i>Subjects</i>  | <i>Marks</i> |
|--|---|--------------|---|--|--------------|
| <b>(The Following Time Table Applicable upto 2007-2008 Admitted Batches)</b> |   |              |   |  |              |
| <b>PART – I</b>  |   |              |   |  |              |
| Saturday 3 <sup>rd</sup> March<br>3 pm to 5 pm                               | Part-I (i) – English – Paper-III<br>(For Supply. Candidates)                                  | 50           | Saturday 10 <sup>th</sup> March<br>2 pm to 5 pm   | Telugu – Paper-IV<br>(Literary Criticism)  | 100          |
| Monday 5 <sup>th</sup> March<br>2-00 pm to 3-30 pm                           | @Part-I (iii) Part-B – Science &<br>Civilization  | 50           |   | @Statistics - Paper-IV<br>(Optional Subject with Mathematics Combination)        | 100          |
| <b>PART-II - Optional Subjects</b>   |   |              |   | 1. Elements of Sampling and Experimental Design                                  |              |
| Tuesday 6 <sup>th</sup> March<br>2 pm to 5 pm                                | Mathematics-Paper-III<br>(Rings & Fields Linear Algebra)<br>(w.e.f. 2004-2005 Admitted Batch) | 100          |   | 2. Ele. of Computer Programming  |              |
|  | History – Paper-III (History of Modern<br>Europe 1789 to 1960 AD)                             | 100          |   | 3. Optimization Methods  |              |
|  | *Psychology – Paper-III<br>(Social Psychology)  | 75           |   | @ Statistics – Paper-IV<br>(Optional Subject without Mathematics Combination)    | 100          |
|  | *Eastern Philosophy – Paper-III   | 70           |   | 1. Elements of Sampling & Design of Experiments                                  |              |
| Wednesday 7 <sup>th</sup> March<br>2 pm to 5 pm                              | Mathematics – Paper-IV<br>(w.e.f. 2004-2005 admitted batch)                                   | 100          |   | 2. Elements of Numerical Analysis<br>and operation Research                      |              |
|  | Optional Subjects:  |              |   | 3. Demography  |              |
|  | 1. Numerical Analysis   |              |   | 4. Applied Statistics-II<br>(a) Optimization Methods                             |              |
|  | 2. Integral Transforms  |              |   | 5. Applied Statistics-II<br>(b) Elements of Sampling and<br>Experimental Designs |              |
|  | 3. Number Theory  |              |   | 6. Applied Statistics-II (a) Elements of<br>Computer Programming                 |              |
|  | 4. Discrete Mathematics   |              |   | Oriya – Paper-IV   | 100          |
|  | 5. Linear Programming   |              |   | <b>Restructured Courses</b>  |              |
|  | 6. Lattice Theory   |              |   | Industrial Relations – Paper-IV<br>(Elements of Labour Legislation)              | 75           |
|  | 7. Topology   |              | Monday 12 <sup>th</sup> March<br>2 pm to 5 pm     | *Systematic Philosophy – Paper-I   | 70           |
|  | 8. Theory of Probability  |              |   | Sociology – Paper-III<br>(Social Change and Planning)                            | 100          |
|  | History – Paper-IV  | 100          |   | Commerce – Paper-III   | 100          |
|  | Optional Subjects :   |              |   | Hindi – Paper-III (Ancient Poetry &<br>Western Poetry)                           | 100          |
|  | 1. History of Modern Andhra 1600-1956 AD  |              | Tuesday 13 <sup>th</sup> March<br>2 pm to 5-00 pm | Sociology – Paper-IV   | 100          |
|  | * Psychology – Paper-IV   | 75           |   | 1. Rural and Urban Sociology   |              |
|  | Optional Subjects:  |              |   | 2. Social Movement   |              |
|  | 1. Abnormal Psychology  |              |   | 3. Social Demography   |              |
|  | 2. Experimental Psychology  |              |   | Commerce – Paper-IV  | 100          |
|  | 3. Consumer Behavior & Marketing  |              |   | 1. Advanced Accountancy  |              |
|  | 4. Child Psychology   |              |   | 2. Cost Accounting   |              |
|  | 5. Industrial Psychology  |              |   | 3. Auditing  |              |
|  | 6. Educational Psychology   |              |   | 4. Income Tax  |              |
| Friday 9 <sup>th</sup> March<br>2 pm to 5 pm                                 | *Western Philosophy – Paper-III   | 70           |   | 5. Company Law & Secretarial Practice  |              |
|  | Telugu – Paper-III  | 100          |   | 6. Transport   |              |
|  | (History of Telugu Language & Grammar)  |              |   | 7. Insurance   |              |
|  | Oriya – Paper-III   | 100          |   | Abnormal Psychology (Phil.)  | 70           |
|  | @Statistics – Paper-III   | 100          |   | Hindi – Paper-IV   | 100          |
|  | (Applied Statistics with Mathematics<br>Combination)  |              |   | (History of Hindi Litt. & Principles of Criticism)                               |              |
|  | @Statistics – Paper-III   | 100          |   | *Systematic Philosophy – Paper-II  | 70           |
|  | (Statistical Applications without<br>Mathematics Combination)                                 |              | Wednesday 14 <sup>th</sup> March<br>2 pm to 5 pm  | Economics – Paper-III<br>(Optional Subjects)                                     | 100          |
|  | <b>Restructured Courses</b>   |              |   | 1. Indian Economics & Environmental<br>Economics                                 |              |
|  | Industrial Relations – Paper-III  | 75           |   | *Rural Economics – Paper-III   | 100          |
|  |   |              |   | Urdu - Paper-III   | 100          |
|  |   |              |   | *Principles of Sociology (Phil.)   | 70           |

| Day, Date & Hours                                  | Subjects  | Marks   | Day, Date & Hours                                    | Subjects   | Marks                                     |
|--|---|---|--|--|---|
| Thursday 15 <sup>th</sup> March<br>2 pm to 5-00 pm | Economics – Paper-IV<br>Optional Subjects :<br>1. Pub. Finance & International Econ.<br>2. Quantitative Techniques<br>*Rural Economics – Paper-IV<br>Urdu – Paper-IV  | 100<br><br>100<br>100   | Tuesday 20 <sup>th</sup> March<br>2 pm to 5 pm       | Politics–Paper-IV<br>Optional Subjects :<br>1. Public Administration Concepts & Theories<br>2. International Relations<br>3. Government and Politics of A.P.<br>Philosophy (Ethics) – Paper-IV<br>Music – Paper-IV<br>@Geography - Paper-IV<br>(Regional Geography of Asia)  | 100<br><br>100<br>50<br>100               |
| Friday 16 <sup>th</sup> March<br>2 pm to 5 pm      | English – Paper-III<br>(Indian English Literature)<br><b>Vocational Courses</b><br>Computer Applications – Paper-V<br>(System Software & Software Engg.)<br>Actuarial Sciences – Paper-V<br>(Life Contingencies – II)<br>Foreign Trade Prac. & Proce. – Paper-V<br>(Shipping & Insurance Practice and Procedures)<br><b>Restructured Courses</b><br>Local Self-Government – Paper-III<br>(Comparative Local Government:<br>India, UK, USA)<br>Management Studies – Paper –III<br>(Elements of Personnel Mgt.)<br>Education – Paper-III<br>Agricultural Marketing – Paper-III<br>Office Organisation & Management<br>Paper-III (Business Communications)   | 100<br><br>60<br>60<br>100<br><br>100<br>100<br>100<br>100<br>100<br>100<br>100 | Wednesday, 21 <sup>st</sup> March<br>2 pm to 5 pm    | <b>Vocational Courses</b><br>Tourism & Travel Mgt. – Paper-VI<br>(Inform. Commn. & Automation)<br><b>Restructured Courses</b><br>Computer Applications – Paper-IV<br>(Business Data Processing)<br>Journalism & Mass Communication–<br>Paper-IV (Advertising & Public Relations)<br>Rural Development – Paper-IV<br>(Rural Finance & Agrl. Marketing)<br>Rural Industrialization – Paper-IV<br>(Micro Level Planning & Rural<br>Industrialization)<br>Farm Management – Paper-IV<br>(Post Harvest Technologies &<br>Agricultural Marketing)  | 100<br><br>100<br>100<br>100<br>70<br>100 |
| Saturday 17 <sup>th</sup> March<br>2 pm to 5 pm    | English – Paper-IV<br>(American English Lang. & Literature)<br><b>Vocational Courses</b><br>Computer Applications – Paper-VI<br>(Advanced Topics in Computers)<br>Actuarial Sciences – Paper-VI<br>(Morality & Other Actuarial Statistics)<br>Foreign Trade & Practice Proce. – Paper-VI<br>(Foreign Trade Documentation & Proce.)<br><b>Restructured Courses</b><br>Local Self Government – Paper-IV<br>(Rural Development Administration<br>with Special Reference to A.P.)<br>Management Studies – Paper-IV<br>(Basic Financial Management)<br>Education – Paper-IV<br>Office Orgn. & Management–Paper-IV<br>(Secretarial Practice)<br>Agricultural Marketing – Paper-IV<br>(Demand Side)  | 100<br><br>60<br>60<br>100<br><br>100<br>100<br>100<br>100<br>100               | Thursday, 22 <sup>nd</sup> March<br>2 p.m. to 5 p.m. | Public Administration – Paper-III<br>(Management of Resources)<br>Anthropology – Paper-III<br>(People of Culture of India)<br>Social Work – Paper-III<br>(Social Science concepts for Social Workers)<br>Tourism & Travel Mgt. – Paper-III<br>(Tourism Marketing)<br><b>Vocational Courses</b><br>Journalism & Mass Commns. Paper-V<br>(Advertising & Public Relations)  | 100<br>100<br>75<br>100<br><br>100        |
| Monday 19 <sup>th</sup> March<br>2 pm to 5 pm      | Politics – Paper-III<br>(Political Thought)<br>Philosophy – Paper-III<br>(Logic and Scientific Methods)<br>Music – Paper-III (Indian Music)<br>@Geography - Paper-III<br>(Regional Geography of Asia)<br><b>Vocational Courses</b><br>Tourism & Travel Management<br>Paper-V (Concepts for Effective Tourism<br>Development & Tourism Legislation)<br><b>Restructured Courses</b><br>Computer Applications – Paper-III<br>(Digital Computer & Fundamentals)<br>Journalism & Mass Communications<br>Paper-III (Media Issues & Mgt.)<br>Rural Development-Paper-III<br>(Agricultural Marketing)<br>Rural Industrialisation-Paper-III<br>(Entrepreneurial Development for<br>Rural Industrialisation)<br>Farm Management-Paper-III<br>(Finance & Farm Development) | 100<br><br>100<br>50<br>100<br><br>100<br>100<br>100<br>100<br>100              |  | Public Administration – Paper-IV<br>Optional Subjects<br>1. Local Orgn. & Development in India<br>2. Public Office Management<br>3. Public Enterprises in India<br>4. Political Science : Concepts,<br>Theories & Institutions<br>Anthropology – Paper-IV<br>Optional Subjects:<br>1. Welfare Anthropology<br>2. Tribes of Andhra Pradesh<br>3. Field Methods in Anthropology<br>Social Work – Paper-IV<br>Optional Subjects:<br>1. Social Problems & Welfare Services in India<br>2. Social Work with Elderly & Disabled<br>3. Women and Development<br>4. Social Work in Industry<br>5. Ecology and Development<br>Tourism and Travel Management<br>Paper-IV (Management in Tourism) | 100<br><br>100<br><br>75<br><br>100       |
|  |   |   |  | <b>Vocational Courses</b><br>Journalism & Mass Commns. - Paper-VI<br>(Basics of Electronics Media).  | 100                                       |

| Day, Date & Hours   | Subjects   | Marks | Day, Date & Hours                                   | Subjects  | Marks |
|---|--|-------|---|---|-------|
| <b>(For the Candidates of 2008-2009 Admitted Batch onwards)</b> |  |       |   |   |       |
|   | <b>PART – I</b>  |       |   | <b>Restructured Courses</b>   |       |
| Monday 5 <sup>th</sup> March<br>2 pm to 5-00 pm                 | Foundation Course-II   | 70    |   | Oriya – Paper-IV  | 100   |
|   | <b>PART-II - Optional Subjects</b>   |       |   | Human Resource Management – Paper-IV  | 70    |
| Tuesday 6 <sup>th</sup> March<br>2 pm to 5-00 pm                | Mathematics-Paper-III<br>(Linear Algebra & Vector Calculus)                        | 100   |   | <b>Optional Subjects</b>  |       |
|   | History – Paper-III (History of Modern<br>World 1453 to 1945 AD)                   | 100   |   | 1. Employee Welfare, Social Security and<br>Legislation                                     |       |
|   | *Psychology – Paper-III<br>(Child and Adolescent Psychology)                       | 75    |   | 2. Information Technology and Human<br>Resource Management                                  |       |
|   | *Eastern Philosophy – Paper-III  | 70    | Monday 12 <sup>th</sup> March<br>2 pm to 5-00 pm    | 3. Labour Legislation & Rules in A.P.   |       |
| Wednesday 7 <sup>th</sup> March<br>2 pm to 5 pm                 | Mathematics – Paper-IV   | 100   |   | Systematic Philosophy – Paper-I   | 70    |
|   | Optional Subjects:   |       |   | Sociology – Paper-III<br>(Social Change - Development and Issues)                           | 100   |
|   | 1. Numerical Analysis  |       |   | Commerce – Paper-III  | 100   |
|   | 2. Fourier Series and Integral Transforms  |       |   | Hindi – Paper-III (Ancient Poetry &<br>Western Poetry)                                      | 100   |
|   | 3. Number Theory   |       | Tuesday 13 <sup>th</sup> March<br>2 pm to 5 pm      | Sociology – Paper-IV<br>(Applications of Sociology)   | 70    |
|   | 4. Discrete Mathematics  |       |   | Commerce – Paper-IV   | 100   |
|   | 5. Linear Programming  |       |   | 1. Advanced Accountancy   |       |
|   | 6. Lattice Theory  |       |   | 2. Cost Accounting  |       |
|   | 7. Mechanics   |       |   | 3. Auditing   |       |
|   | History – Paper-IV   | 100   |   | 4. Income Tax   |       |
|   | Optional Subjects:   |       |   | 5. Company Law & Secretarial Practice   |       |
|   | 1. History & Culture of A.P.(From<br>Sathavahanas to 1956 A.D.)                    |       |   | 6. Transport  |       |
|   | 2. Ancient Civilizations   |       |   | 7. Insurance  |       |
|   | 3. Cultural Tourism  |       |   | *Abnormal Psychology (Phil.)  | 70    |
|   | 4. Principle and Methods of Archaeology  |       |   | Hindi – Paper-IV  | 100   |
|   | *Psychology - Paper-IV   | 75    | Wednesday 14 <sup>th</sup> March<br>2 pm to 5-00 pm | *Systematic Philosophy – Paper-II   | 70    |
|   | 1. Counselling Psychology  |       |   | Economics – Paper-III<br>(Indian Economy)   | 80    |
|   | 2. Education Psychology  |       |   | *Rural Economics – Paper-III  | 100   |
|   | 3. Abnormal Psychology   |       |   | Urdu - Paper-III  | 100   |
|   | 4. Industrial Psychology   |       |   | *Principles of Sociology (Phil.)  | 70    |
| Friday 9 <sup>th</sup> March<br>2 pm to 5-00 pm                 | *Western Philosophy – Paper-III  | 70    | Thursday 15 <sup>th</sup> March<br>2 pm to 5 pm     | Economics – Paper-IV<br>Optional Subjects   | 100   |
|   | Telugu – Paper-III<br>(Modern Language- Andhra Basha Charitra-<br>Vyakarana)       | 100   |   | 1. Pub. Finance & International Econ.   |       |
|   | Oriya – Paper-III  | 100   |   | 2. Quantitative Techniques  |       |
|   | @Statistics – Paper-III<br>(Applied Statistics with Mathematics<br>Combination)    | 100   |   | *Rural Economics – Paper-IV   | 100   |
|   | @Statistics – Paper-III  | 100   |   | Urdu – Paper-IV   | 100   |
|   | Statistical Applications (without<br>Mathematics Combination)                      |       | Friday 16 <sup>th</sup> March<br>2 pm to 5-00 pm    | English – Paper-III<br>(Indian English Literature)  | 100   |
|   | <b>Restructured Courses</b>  |       |   | <b>Vocational Courses</b>   |       |
|   | Human Resource Management – Paper-III<br>(Industrial Relations and Industrial Law) | 70    |   | Computer Applications – Paper-V<br>(System Software & Software Engg.)                       | 60    |
| Saturday 10 <sup>th</sup> March<br>2 pm to 5 pm                 | Telugu – Paper-IV<br>(Modern Language-Sahitya Vimarsa Siddhantalu)                 | 100   |   | Actuarial Sciences – Paper-V<br>(Life Contingencies – II)                                   | 60    |
|   | @Statistics - Paper-IV<br>(Optional Subject with Mathematics<br>Combination)       | 100   |   | Foreign Trade Prac. & Proce. -<br>Paper-V (Shipping & Insurance<br>Practice and Procedures) | 100   |
|   | 1. Quality Reliability Operations Research   |       |   | <b>Restructured Courses</b>   |       |
|   | 2. Bio-Statistics  |       |   | Local Self-Government – Paper-III<br>(Comparative Local Government:<br>India, UK, USA)      | 100   |
|   | 3. Actuarial Statistics  |       |   | Management Studies – Paper –III<br>(Elements of Personnel Mgt.)                             | 100   |
|   | 4. Programming in - C  |       |   | Education – Paper-III   | 100   |
|   | @ Statistics – Paper-IV  | 100   |   | Agricultural Marketing – Paper-III  | 100   |
|   | (Optional Subject without<br>Mathematics Combination)                              |       |   | Office Organisation & Management<br>Paper-III (Business Communications)                     | 100   |
|   | 1. Sampling of Techniques and<br>Design of Experiments                             |       |   |   |       |
|   | 2. Elements of Numerical Analysis<br>and operation Research                        |       |   |   |       |

| <i>Day, Date &amp; Hours</i>                      | <i>Subjects</i>  | <i>Marks</i> | <i>Day, Date &amp; Hours</i>                        | <i>Subjects</i>   | <i>Marks</i> |
|---|--|--------------|---|---|--------------|
| Saturday 17 <sup>th</sup> March<br>2 pm to 5 pm   | English – Paper-IV<br>(American English Lang. & Literature)  | 100          |   | <b><u>Vocational Courses</u></b><br>Tourism & Travel Mgt. – Paper-VI<br>(Inform. Commn. & Automation)   | 100          |
|   | <b><u>Vocational Courses</u></b><br>Computer Applications – Paper-VI<br>(Advanced Topics in Computers)   | 60           |   | <b><u>Restructured Courses</u></b><br>Computer Applications – Paper-IV<br>(Business Data Processing)  | 100          |
|   | Actuarial Sciences – Paper-VI<br>(Morality & Other Actuarial Statistics)   | 60           |   | Journalism & Mass Communication–<br>Paper-IV (Advertising &<br>Public Relations)  | 100          |
|   | Foreign Trade & Practice Proce.<br>Paper-VI (Foreign Trade<br>Documentation & Proce.)  | 100          |   | Rural Development – Paper-IV<br>(Rural Finance & Agrl. Marketing)   | 100          |
|   | <b><u>Restructured Courses</u></b><br>Local Self Government – Paper-IV<br>(Rural Development Administration<br>with Special reference to A.P.)       | 100          |   | Rural Industrialization – Paper-IV<br>(Micro Level Planning & Rural<br>Industrialization)   | 70           |
|   | Management Studies – Paper-IV<br>(Basic Financial Management)  | 100          |   | Farm Management – Paper-IV<br>(Post Harvest Technologies &<br>Agricultural Marketing)   | 100          |
|   | Education Paper-IV   | 100          |   | @Geography - Paper-IV<br>(Remote Sensing and GIS)   | 100          |
|   | Office Orgn. & Management–Paper-IV<br>(Secretarial Practice)   | 100          | Wednesday 21 <sup>st</sup> March<br>2 pm to 5-00 pm | Public Administration – Paper-III<br>(Management of Resources)  | 100          |
|   | Agricultural Marketing – Paper-IV<br>(Demand Side)   | 100.         |   | Anthropology – Paper-III<br>(People of Culture of India)  | 100          |
| Monday, 19 <sup>th</sup> March<br>2 pm to 5-00 pm | Politics – Paper-III<br>(Political Thought)  | 100          |   | Social Work – Paper-III<br>(Social Work Interventions-Auxillary<br>Methods)   | 75           |
|   | Philosophy – Paper-III<br>(Logic and Scientific Methods and<br>Computer Applications)  | 100          |   | <b><u>Vocational Courses</u></b><br>Journalism & Mass Communications<br>Paper-V (Advertising & Public Relations)  | 100          |
|   | Music – Paper-III (Indian Music)   | 50           |   | Tourism & Travel Mgt. – Paper-III<br>(Tourism Marketing)  | 100          |
|   | @Geography - Paper-III<br>(Regional Geography of India)  | 100          | Thursday 22 <sup>nd</sup> March<br>2 pm to 5 pm     | Public Administration – Paper-IV<br>Optional Subjects<br>1. Office Management<br>2. E. Governance<br>3. Rural and Urban Governance in India   | 100          |
|   | <b><u>Vocational Courses</u></b><br>Tourism & Travel Management<br>Paper-V (Concepts for Effective<br>Tourism Development &<br>Tourism Legislation)  | 100          |   | Anthropology – Paper-IV<br>Optional Subjects:<br>1. Welfare Anthropology<br>2. Tribes of Andhra Pradesh<br>3. Field Methods in Anthropology   | 100          |
|   | <b><u>Restructured Courses</u></b><br>Computer Applications – Paper-III<br>(Digital Computer & Fundamentals)   | 100          |   | Social Work – Paper-IV<br>Optional Subjects:<br>1. Management of Non-Governmental<br>Organisations<br>2. HIV AIDS<br>3. Social Work with elderly and challenged<br>4. Social Work with Women and Children | 75           |
|   | Journalism & Mass Communications<br>Paper-III (Media Issues & Mgt.)  | 100          |   | Tourism and Travel Management<br>Paper-IV (Management in Tourism)   | 100          |
|   | Rural Development–Paper-III<br>(Agricultural Marketing)  | 100          |   | <b><u>Vocational Courses</u></b><br>Journalism & Mass Commns. – Paper-VI<br>(Basics of Electronics Media)   | 100          |
|   | Rural Industrialisation–Paper-III<br>(Entrepreneurial Development for<br>Rural Industrialisation)  | 100          |   |   |              |
|   | Farm Management–Paper-III<br>(Finance & Farm Develop.)   | 100          |   |   |              |
| Tuesday, 20 <sup>th</sup> March<br>2 pm to 5 pm   | Politics–Paper-IV<br>Optional Subjects<br>1. International Relations<br>2. Government and Politics of A.P.<br>3. Principles of Public Administration | 100          |   |   |              |
|   | Philosophy (Ethics) – Paper-IV   | 100          |   |   |              |
|   | Music – Paper-IV   | 50           |   |   |              |

\* These papers are divided into Parts **A** and **B**. Part - **A** consists of narrative type and Part - **B** consists of Objective type questions.  
@ Common for B.A., B.Sc., B.Sc.(Home Science) and B.Com. (Vocational)

(By Order)

Visakhapatnam  
Dated : 31-12-2011

**Dr. K. SAMRAJYALAKSHMI**  
Special Registrar & Controller of Examinations

**ANDHRA UNIVERSITY**  
**B.COM. (CCS-REVISED) DEGREE EXAMINATION**  
**March - April, 2012**  
**TIME-TABLE**

| <i>Day, Date &amp; Hours</i>   | <i>Subjects</i>   | <i>Marks</i>   | <i>Day, Date &amp; Hours</i>  | <i>Subjects</i>   | <i>Marks</i>                    |
|--|---|--|---|---|---------------------------------|
| <b>AT THE END OF THIRD YEAR</b><br>(With effect from 2008-2009 Admitted Batch) |   |  | <b>AT THE END OF THIRD YEAR</b><br><b>Part-I Subject</b><br>(w.e.f. 1999-2000 Admitted Batch) |   |                                 |
| <b>Part-I Subject</b>  |   |  | <b>Part II - Subjects</b>   |   |                                 |
| Monday, 5 <sup>th</sup> March<br>2 p.m. to 3.30 p.m.<br>2 p.m. to 5 p.m.       | Part I (i) - Science and Civilization<br>(also for IInd year Supplementary Candidates)<br>Foundation Course II  | 50<br><br>70   | Saturday, 3 <sup>rd</sup> March<br>2 p.m. to 4 p.m.   | Part-I (i) - English - Paper-III<br>(For Supplementary Candidates only)   | 50                              |
| <b>Part II - Subjects</b>  |   |  | <b>Part I - Subjects</b>  |   |                                 |
| Tuesday, 6 <sup>th</sup> March<br>2 p.m. to 5 p.m.                             | Business Laws   | 100  | Tuesday, 6 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Business Laws   | 100                             |
| Wednesday, 7 <sup>th</sup> March<br>2 p.m. to 5 p.m.                           | Auditing  | 70   | Wednesday, 7 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Income Tax & Practical Auditing   | 100                             |
| Friday, 9 <sup>th</sup> March<br>2 p.m. to 5 p.m.                              | Cost & Management Accounting  | 100  | Friday, 9 <sup>th</sup> March<br>2 p.m. to 5 p.m.   | Cost & Management Accounting  | 100                             |
| Saturday, 10 <sup>th</sup> March<br>2 p.m. to 5 p.m.                           | Corporate Accounting  | 70   | Saturday, 10 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Business Correspondence & Report Writing  | 100                             |
| <b>Elective Subjects - Paper I</b>   |   |  | Monday, 12 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Business Data Processing System (Theory)  | 75                              |
| Tuesday, 13 <sup>th</sup> March<br>2 p.m. to 5 p.m.                            | 1. Life Insurance<br>2. Central Banking and Development Banking<br>3. Advanced Corporate Accounting<br>4. Cost Accounting<br>5. Retail Marketing<br>6. Financial Management<br>7. Principles of Marketing<br>8. Secretarial Practice<br>9. Database Management System<br>10. Fundamentals of C++<br>11. Business Mathematics - I<br>12. Direct Tax (w.e.f. 2011-12)<br>(a) Income Tax-I (2010-2011 only)<br>(only for Supplementary Candidates)                         | 70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70 | <b>Elective Subjects - Paper I</b>  |   |                                 |
| <b>Elective Subjects - Paper II</b>  |   |  | Tuesday, 13 <sup>th</sup> March<br>2 p.m. to 5 p.m.   | 1. Financial Accounting III<br>2. Corporate Accounts<br>3. Advanced Cost Accounting<br>4. Principles of Marketing<br>5. Company Law & Practice                | 100<br>100<br>100<br>100<br>100 |
| Wednesday, 14 <sup>th</sup> March<br>2 p.m. to 5 p.m.                          | 1. Non-Life Insurance<br>2. Computer Applications in Banking<br>3. Management Accounting I<br>4. Management Accounting II<br>5. Retail Operation Management & C.R.M<br>6. Micro-Credit and Foreign Trade Finance<br>7. Rural Marketing<br>8. Office Management<br>9. Electronic Commerce<br>10. Fundamentals of Java<br>11. Business Mathematics - II<br>12. Indirect Tax (w.e.f. 2011-12)<br>(b) Income Tax-II (2010-2011 only)<br>(only for Supplementary Candidates) | 70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70       | <b>Elective Subjects - Paper II</b>   |   |                                 |
| <b>AT THE END OF FIRST YEAR</b><br>(With effect from 2008-2009 Admitted Batch) |   |  | Wednesday, 14 <sup>th</sup> March<br>2 p.m. to 5 p.m.   | 1. Advanced Management Accounting<br>2. Computer Appln. in Accounting (Theory)<br>3. Cost Control Techniques<br>4. Rural Marketing<br>5. Secretarial Practice | 100<br>75<br>100<br>100<br>100  |
| <b>Part I - Subjects</b>   |   |  | <b>AT THE END OF FIRST YEAR</b><br>(With effect from 2008-2009 Admitted Batch)                |   |                                 |
| Saturday, 24 <sup>th</sup> March<br>9 a.m. to 11 a.m.<br>9 a.m. to 12 Noon     | Part I (i) English - Paper I<br>Part I (i) English - Paper I<br>(Supplementary Candidates)  | 50<br><br>100  | <b>Part I - Subjects</b>  |   |                                 |
| Monday, 26 <sup>th</sup> March<br>9 a.m. to 12 Noon                            | Part I (ii) Telugu or any other classical or<br>Modern Language - Paper I   | 100  | <b>Part II - Subjects</b>   |   |                                 |
| Tuesday, 27 <sup>th</sup> March<br>9 a.m. to 10.30 a.m.<br>9 a.m. to 12 Noon   | Part I (iii) Part A-Indian Heritage & Culture<br>(upto 2008-09 Admitted Batch)<br>Foundation Courses-I<br>(Admitted Batch of 2009-10)   | 50<br><br>70   | Wednesday, 28 <sup>th</sup> March<br>9 a.m. to 12 Noon  | Computer Course (Introduction Computers)  | 100                             |
| <b>Part II - Subjects</b>  |   |  | Thursday, 29 <sup>th</sup> March<br>9 a.m. to 12 Noon   | Business Economics  | 100                             |
| Wednesday, 28 <sup>th</sup> March<br>9 a.m. to 12 Noon                         | Computer Course (Introduction Computers)  | 100  | Friday, 30 <sup>th</sup> March<br>9 a.m. to 12 Noon   | Financial Accounting - I  | 70                              |
| Thursday, 29 <sup>th</sup> March<br>9 a.m. to 12 Noon                          | Business Economics  | 100  | Saturday, 31 <sup>st</sup> March<br>9 a.m. to 12 Noon   | Business Organisation & Management  | 70                              |
| Friday, 30 <sup>th</sup> March<br>9 a.m. to 12 Noon                            | Financial Accounting - I  | 70   | Monday, 2 <sup>nd</sup> April<br>9 a.m. to 12 Noon  | Fundamentals of Information Technology  | 70                              |
| Saturday, 31 <sup>st</sup> March<br>9 a.m. to 12 Noon                          | Business Organisation & Management  | 70   | <b>P.T.O</b>  |   |                                 |
| Monday, 2 <sup>nd</sup> April<br>9 a.m. to 12 Noon                             | Fundamentals of Information Technology  | 70   |   |   |                                 |

| Day, Date & Hours | Subjects | Marks |
|-------------------|----------|-------|
|-------------------|----------|-------|

**AT THE END OF SECOND YEAR  
(With effect from 2008-2009 Admitted Batch)**

**Part I - Subjects**

|   |   |     |
|---|---|-----|
| Saturday 24 <sup>th</sup> March<br>2 p.m. to 4 p.m. | Part I (i) English - Paper II   | 50  |
| Monday, 26 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Part I (ii) Telugu or any other Classical or Modern Language - Paper II | 100 |

**Part II - Subjects**

|   |   |     |
|---|---|-----|
| Tuesday, 27 <sup>th</sup> March<br>2 p.m. to 5 p.m.   | Environmental Studies (Theory)              | 75  |
| Wednesday, 28 <sup>th</sup> March<br>2 p.m. to 5 p.m. | Computer Course (Offices Automation Tools)  | 100 |
| Thursday, 29 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Financial Accounting-II/Advanced Accounting | 70  |
| Friday, 30 <sup>th</sup> March<br>2 p.m. to 5 p.m.    | Business Statistics                         | 70  |
| Saturday, 31 <sup>st</sup> March<br>2 p.m. to 5 p.m.  | Financial Services/Banking & Insurance      | 70  |
| Monday, 2 <sup>nd</sup> April<br>2 p.m. to 5 p.m.     | Taxation                                    | 70  |

**AT THE END OF SECOND YEAR  
(With effect from 1999-2000 Admitted Batch  
up to 2007-2008 Batches)**

**Part I - Subjects**

|   |   |           |
|---|---|-----------|
| Saturday 24 <sup>th</sup> March<br>2 p.m. to 5 p.m.<br>2 p.m. to 4 p.m. | Part I (i) English - Paper II<br>(Supplementary Candidates)<br>Part I (i) English - Paper II<br>(w.e.f. 2005-2006 admitted batch) | 100<br>50 |
| Monday, 26 <sup>th</sup> March<br>2 p.m. to 5 p.m.                      | Part I (ii) Telugu or any other Classical or Modern Language - Paper II   | 100       |
| Monday, 5 <sup>th</sup> March<br>2 p.m. to 3.30 p.m.                    | Part I (iii) Part B - Science and Civilization<br><b>(for Supplementary Candidates See Third Year Time Table)</b>                 | 50        |

| Day, Date & Hours | Subjects | Marks |
|-------------------|----------|-------|
|-------------------|----------|-------|

**Part II - Subjects**

|  |                                    |     |
|--|------------------------------------|-----|
| Tuesday, 27 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Environmental Studies (Theory)     | 75  |
| Thursday, 29 <sup>th</sup> March<br>2 p.m. to 5 p.m. | Banking & Financial Systems        | 100 |
| Friday, 30 <sup>th</sup> March<br>2 p.m. to 5 p.m.   | Financial Accounting - II          | 100 |
| Saturday, 31 <sup>st</sup> March<br>2 p.m. to 5 p.m. | Quantitative Techniques - II       | 100 |
| Monday, 2 <sup>nd</sup> April<br>2 p.m. to 5 p.m.    | Fundamentals of Computers (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 | 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  
Dated : 04-01-2012

**Dr. K. SAMRAJYALAKSHMI**  
*Special Registrar & Controller of Examinations*



**ANDHRA UNIVERSITY**  
**B.COM. DEGREE EXAMINATION (VOCATIONAL-REVISED REGULATIONS)**  
**MARCH ñ APRIL, 2012 ñ TIME-TABLE**

| <i>Day, Date &amp; Hours</i>   | <i>Subjects</i>   | <i>Marks</i> | <i>Day, Date &amp; Hours</i>   | <i>Subjects</i>  | <i>Marks</i> |
|--|---|--------------|--|--|--------------|
| <b>AT THE END OF THIRD YEAR</b><br><b>(With effect from 2008-2009 Admitted Batch)</b>      |   |              | <b>Elective Subjects</b><br><b>(Tax Procedure and Practice)</b>                        |  |              |
| <b>Part-I Subject</b>  |   |              | Monday, 2 <sup>nd</sup> April  | Fundamentals of Information Technology   | 70           |
| Monday, 5 <sup>th</sup> March  | Part I (i) - Science and Civilization<br>(also for IInd year Supplementary Candidates)                              | 50           | 9 a.m. to 12 Noon  |  |              |
| 2 p.m. to 3.30 p.m.  |   |              | Tuesday, 3 <sup>rd</sup> April   | Indian Tax System & Income Tax Law   | 70           |
| 2 p.m. to 5.00 p.m.  | Foundation Course II  |              | 9 a.m. to 12 Noon  |  |              |
| <b>Part II - Subjects</b>  |   |              | <b>Elective Subjects</b><br><b>(Office Management and Secretarial Practice)</b>        |  |              |
| Tuesday, 6 <sup>th</sup> March   | Business Laws   | 100          | Monday, 2 <sup>nd</sup> April  | Fundamentals of Information Technology   | 70           |
| 2 p.m. to 5 p.m.   |   |              | 9 a.m. to 12 Noon  |  |              |
| Wednesday, 7 <sup>th</sup> March   | Auditing  | 70           | Tuesday, 3 <sup>rd</sup> April   | Office Organisation & Management   | 70           |
| 2 p.m. to 5 p.m.   |   |              | 9 a.m. to 12 Noon  |  |              |
| Friday, 9 <sup>th</sup> March  | Cost & Management Accounting  | 100          | <b>AT THE END OF FIRST YEAR</b>  |  |              |
| 2 p.m. to 5 p.m.   |   |              | <b>Part-II ñ Subjects</b>  |  |              |
| Saturday, 10 <sup>th</sup> March   | Corporate Accounting  | 70           | <b>(For Vocational Computer Applications Candidates only)</b>                          |  |              |
| 2 p.m. to 5 p.m.   |   |              | Wednesday, 28 <sup>th</sup> March  | Computer Skills  | 100          |
| <b>Elective Subjects</b>   |   |              | 9 a.m. to 12 Noon  |  |              |
| Tuesday, 13 <sup>th</sup> March  | <b>1. Tax Procedure &amp; Practice :</b><br>Paper V-Central Excise Procedure & Practice                             | 70           | Thursday, 29 <sup>th</sup> March   | Business Economics   | 100          |
| 2 p.m. to 5 p.m.   |   |              | 9 a.m. to 12 Noon  |  |              |
|  | <b>2. Office Mgt. and Secretarial Practice :</b><br>Paper V - Type-writing English (Higher)<br>Computer Programming | 70           | Friday, 30 <sup>th</sup> March   | Financial Accounting I   | 70           |
|  |   |              | 9 a.m. to 12 Noon  |  |              |
|  | <b>3. Computer Applications :</b><br>Paper V-Accounting Software<br>Applications(Theory)                            | 70           | Saturday, 31 <sup>st</sup> March   | Business Organisation & Management   | 70           |
|  |   |              | 9 a.m. to 12 Noon  |  |              |
| Wednesday, 14 <sup>th</sup> March  | <b>1. Tax Procedure &amp; Practice :</b><br>Paper VI - Customs Proce. & Practice                                    | 70           | <b>Elective Papers</b>   |  |              |
| 2 p.m. to 5 p.m.   |   |              | Monday, 2 <sup>nd</sup> April  | Fundamentals of Information Technology   | 70           |
|  | <b>2. Office Mgt. and Secretarial Practice :</b><br>Paper VI - Short-hand English (Lower)                           | 100          | 9 a.m. to 12 Noon  |  |              |
|  |   |              | Wednesday, 3 <sup>rd</sup> April   | Information System Through Cobal   | 70           |
|  | <b>3. Computer Applications :</b><br>Paper VI-Computer Applications in<br>Banking(Theory)                           | 70           | 9 a.m. to 12 Noon  |  |              |
| <b>AT THE END OF FIRST YEAR</b><br><b>(With effect from 2008-2009 Admitted Batch)</b>      |   |              | <b>Elective Subjects for Supplementary Candidates</b>                                  |  |              |
| <b>Part-I ñ Subjects</b>   |   |              | Monday, 2 <sup>nd</sup> April  | <b>1. Computer Applications :</b><br>Paper I - Basics of Information Tech. (Theory)                                      | 75           |
| Saturday, 24 <sup>th</sup> March   | Part I (i) English - Paper I  | 50           | 9 a.m. to 12 Noon  |  |              |
| 9 a.m. to 11 a.m.  |   |              |  | <b>2. Tax Procedure &amp; Practice:</b><br>Paper I - Indian Tax System and<br>Income Tax Law                             | 100          |
| 9 a.m. to 12 Noon  | Part I (i) English - Paper I<br>(Supplementary Candidates)  | 100          |  |  |              |
| Monday, 26 <sup>th</sup> March   | Part I (ii) Telugu or any other Classical or<br>Modern Languages - Paper I  | 100          |  | <b>3. Office Mgt. and Secretarial Practice :</b><br>Paper I - Office Organisation & Mgmt.                                | 100          |
| 9 a.m. to 12 Noon  |   |              |  |  |              |
| Tuesday, 27 <sup>th</sup> March  | Part I (iii) Part A - Indian Heritage &<br>Culture (upto 2008-09 Admitted Batch)                                    | 50           | Wednesday, 3 <sup>rd</sup> April   | <b>1. Computer Applications :</b><br>Paper II - Information System through<br>Cobol (Theory)                             | 75           |
| 9 a.m. to 10.30 a.m.   |   |              | 9 a.m. to 12 Noon  |  |              |
| Tuesday, 27 <sup>th</sup> March  | Foundation Course-I<br>(Admitted Batch of 2009-10)  | 70           |  | <b>2. Tax Procedure &amp; Practice :</b><br>Paper II - Central & State Tax<br>Proce. and Practice                        | 100          |
| 9 a.m. to 12 Noon  |   |              |  |  |              |
| <b>Part-II ñ Subjects</b><br><b>(for all Vocational Courses except Comp. Applications)</b> |   |              |  | <b>3. Office Mgt. and Secretarial Practice :</b><br>Paper II - Introduction of Computers and<br>Mgt. Information Systems | 100          |
| Wednesday, 28 <sup>th</sup> March  | Computer Course<br>(Introduction to Computers)  | 100          | <b>AT THE END OF SECOND YEAR</b><br><b>(With effect from 2008-2009 Admitted Batch)</b> |  |              |
| 9 a.m. to 12 Noon  |   |              | <b>Part I - Subjects</b>   |  |              |
| Thursday, 29 <sup>th</sup> March   | Business Economics  | 100          | Saturday, 24 <sup>th</sup> March   | Part I (i) English - Paper II  | 50           |
| 9 a.m. to 12 Noon  |   |              | 2 p.m. to 4 p.m.   |  |              |
| Friday, 30 <sup>th</sup> March   | Financial Accounting - I  | 70           | Monday, 26 <sup>th</sup> March   | Part I (ii) Telugu or any other Classical or<br>Modern Language Paper - II   | 100          |
| 9 a.m. to 12 Noon  |   |              | 2 p.m. to 5 p.m.   |  |              |
| Saturday, 31 <sup>st</sup> March   | Business Organisation & Management  | 70           | <b>Part II - Subjects</b><br><b>(for All Vocational Courses)</b>                       |  |              |
| 9 a.m. to 12 Noon  |   |              | Tuesday, 27 <sup>th</sup> March  | Environmental Studies (Theory)   | 75           |
|  |   |              | 2 p.m. to 5 p.m.   |  |              |
|  |   |              | Wednesday, 28 <sup>th</sup> March  | Computer Courses (except Computer Appln.)<br>Computer Skills (Computer Application)                                      | 100          |
|  |   |              | 2 p.m. to 5 p.m.   |  |              |
|  |   |              | Thursday, 29 <sup>th</sup> March   | Financial Accounting-II/Advanced Accounting  | 70           |
|  |   |              | 2 p.m. to 5 p.m.   |  |              |

| Day, Date & Hours   | Subjects   | Marks |
|---|--|-------|
| Friday 30 <sup>th</sup> March<br>2 p.m. to 5 p.m.                           | Business Statistics  | 70    |
| Saturday, 31 <sup>st</sup> March<br>2 p.m. to 5 p.m.                        | Financial Services/Banking & Insurance   | 70    |
| Monday, 2 <sup>nd</sup> April<br>2 p.m. to 5 p.m.                           | Taxation   | 70    |
| <b>Elective Subjects</b>  |  |       |
| <b>Computer Applications :</b>  |  |       |
| Tuesday, 3 <sup>rd</sup> April<br>2 p.m. to 5 p.m.                          | Paper III - Foxpro and Computer Accountancy Through Tally                                    | 70    |
| Wednesday, 4 <sup>th</sup> April<br>2 p.m. to 5 p.m.                        | Paper IV - Structured Programming Through iCí  | 70    |
| <b>Tax Procedure &amp; Practice:</b>  |  |       |
| Tuesday, 3 <sup>rd</sup> April<br>2 p.m. to 5 p.m.                          | Paper III - Central & State Tax Procedures & Practice  | 70    |
| Wednesday, 4 <sup>th</sup> April<br>2 p.m. to 5 p.m.                        | Paper IV - Income Tax Procedures & Practice  | 70    |
| <b>Office Magt. and Secretarial Practice :</b>                              |  |       |
| Tuesday, 3 <sup>rd</sup> April<br>2 p.m. to 5 p.m.                          | Paper III - Business Communication and Commercial Correspondence                             | 70    |
| Wednesday, 4 <sup>th</sup> April<br>2 p.m. to 5 p.m.                        | Paper IV - Secretarial Practice  | 70    |
| <b>AT THE END OF THIRD YEAR</b><br><b>(w.e.f. 2001-2002 Admitted Batch)</b> |  |       |
| <b>Part I - Subjects</b>  |  |       |
| Saturday, 3 <sup>rd</sup> March<br>2 p.m. to 4 p.m.                         | Part-I (I) English - Paper III (For Supplementary Candidates)                                | 50    |
| <b>Part II - Subjects</b>   |  |       |
| Tuesday, 6 <sup>th</sup> March<br>2 p.m. to 5 p.m.                          | Business Laws  | 100   |
| Wednesday, 7 <sup>th</sup> March<br>2 p.m. to 5 p.m.                        | Income Tax & Practical Auditing  | 100   |
| Friday, 9 <sup>th</sup> March<br>2 p.m. to 5 p.m.                           | Cost & Management Accounting   | 100   |
| Saturday, 10 <sup>th</sup> March<br>2 p.m. to 5 p.m.                        | Business Correspondence & Report Writing   | 100   |
| Monday, 12 <sup>th</sup> March<br>2 p.m. to 5 p.m.                          | Business Data Processing Sys.(Theory)  | 75    |
| <b>Elective Subjects</b>  |  |       |
| Tuesday, 13 <sup>th</sup> March<br>2 p.m. to 5 p.m.                         | <b>1. Tax Procedure &amp; Practice :</b><br>Paper V-Central Excise Procedure & Practice      | 100   |
|   | <b>2. Office Magt. and Secretarial Practice :</b><br>Paper V - Type-writing English (Higher) | 100   |
|   | <b>3. Computer Applications :</b><br>Paper V-Accounting Software Applications(Theory)        | 75    |
| Wednesday, 14 <sup>th</sup> March<br>2 p.m. to 5 p.m.                       | <b>1. Tax Procedure &amp; Practice :</b><br>Paper VI - Customs Proce. & Practice             | 100   |
|   | <b>2. Office Mgt. and Secretarial Practice :</b><br>Paper VI - Short-hand English (Lower)    | 100   |
|   | <b>3. Computer Applications :</b><br>Paper VI - Computer Applications in Banking (Theory)    | 75    |
| <b>AT THE END OF SECOND YEAR</b>  |  |       |
| <b>Part I - Subjects</b>  |  |       |
| Saturday, 24 <sup>th</sup> March<br>2 p.m. to 5 p.m.                        | Part I (i) English - Paper II (Supplementary Candidates)                                     | 100   |
| 2 p.m. to 4 p.m.  | Part I (i) English - Paper II (w.e.f. 2005-2006 Admitted Batch)                              | 50    |
| Monday, 26 <sup>th</sup> March<br>2 p.m. to 5 p.m.                          | Part I (ii) Telugu or any other Classical or Modern Language Paper - II                      | 100   |

| Day, Date & Hours   | Subjects  | Marks  |
|---|---|--|
| Monday, 5 <sup>th</sup> March<br>2 p.m. to 3-30 p.m.  | Part I (iii) Part B - Science & Civilization<br><b>(For Supplementary Candidates See Third year Time Table)</b> | 50   |
| <b>Part II - Subjects</b><br><b>(for All Vocational Courses except Computer Applications)</b>   |   |  |
| Tuesday, 27 <sup>th</sup> March<br>2 p.m. to 5 p.m.   | Environmental Studies (Theory)  | 75   |
| Thursday, 29 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Banking & Financial Systems   | 100  |
| Friday, 30 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Financial Accounting II   | 100  |
| Monday, 2 <sup>nd</sup> April<br>2 p.m. to 5 p.m.   | Fundamentals of Computers (Theory)  | 75   |
| <b>Elective Subjects</b>  |   |  |
| Tuesday, 3 <sup>rd</sup> April<br>2 p.m. to 5 p.m.  | <b>2. Tax Procedure &amp; Practice:</b><br>Paper III - Income Tax Procedure & Prac.                             | 100  |
|   | <b>3. Office Magt. and Secretarial Practice :</b><br>Paper III - Business Commun. & Commercial Correspondence   | 100  |
| Wednesday, 4 <sup>th</sup> April<br>2 p.m. to 5 p.m.  | <b>Tax Procedure &amp; Practice :</b><br>Paper IV - Wealth Tax & Gift Tax                                       | 100  |
|   | <b>Office Magt. and Secretarial Practice :</b><br>Paper IV - Secretarial Practice                               | 100  |
| <b>Part II - Subjects</b><br><b>(for Vocational Computer Applications Candidates only)</b>  |   |  |
| Tuesday, 27 <sup>th</sup> March<br>2 p.m. to 5 p.m.   | Environmental Studies (Theory)  | 75   |
| Thursday, 29 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Banking & Financial Systems   | 100  |
| Friday, 30 <sup>th</sup> March<br>2 p.m. to 5 p.m.  | Financial Accounting II   | 100  |
| Saturday, 31 <sup>st</sup> March<br>2 p.m. to 5 p.m.  | Quantitative Techniques II  | 100  |
| <b>Elective Subjects</b>  |   |  |
| Tuesday, 3 <sup>rd</sup> April<br>2 p.m. to 5 p.m.  | <b>Computer Applications :</b><br>Paper III - Fox Pro & Computer Accountancy through Tally (Theory)             | 75   |
| Wednesday, 4 <sup>th</sup> April<br>2 p.m. to 5 p.m.  | <b>Computer Applications :</b><br>Paper IV - Structured Programming through eCí (Theory)                        | 75   |
| <b>* Note</b>   |   |  |
| <b>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</b>  |   |  |
| <b>Candidates appeared prior to 2008-2009 and who failed in the following Papers</b>  | <b>Max. Marks</b>   | <b>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</b> |
| 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. |   |  |

(By Order)

University Office  
Visakhapatnam  
Dated : 04-01-2012

**Dr. K. SAMRAJYALAKSHMI**  
Special Registrar & Controller of Examinations

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

**TIME-TABLE**

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

| <i>Day, Date &amp; Hours</i>  | <i>Subjects</i>   | <i>Marks</i>   |
|---|---|--|
| Friday, 30 <sup>th</sup> March<br>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 <sup>st</sup> March<br>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 <sup>nd</sup> April<br>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 <sup>rd</sup> April<br>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 <sup>th</sup> April<br>2 pm to 5 pm   | +Education – Paper II   | 150  |
| Wednesday, 11 <sup>th</sup> April<br>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 <sup>th</sup> April<br>2 pm to 5 pm  | +Geography – Paper-II (Social & Economics Geography) (Human & Economic Geography) | 100  |

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

| Day, Date & Hours                | Subjects  | Marks |
|----------------------------------|---|-------|
| (Continued)                      | <b>Electronics – Paper-III</b> (Solid State Electronics Circuits and Digital Electronics) | 100   |
|                                  | (Digital electronics and Microprocessor)  | 100   |
|                                  | <b>Applied Nutrition – Paper-III</b>  | 100   |
|                                  | <b>Medical Lab. Technology – Paper-III</b>  | 100   |
|                                  | <b>Horticulture – Paper-III</b> (Floriculture and Landscape Gardening)                    | 100   |
| Saturday, 10 <sup>th</sup> March | <b>Fisheries – Paper-IV Aquaculture</b>   | 100   |
| 2 pm to 5 pm                     | <b>Agriculture - Paper-IV</b>   | 100   |
|                                  | <b>+Statistics – Paper-IV</b> 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   |
|                                  | <b>+Statistics - Paper-IV</b> (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   |
|                                  | <b>Petro Chemicals – Paper-IV</b>   | 100   |
|                                  | <b>Industrial Fish and Fisheries – Paper-IV</b>   | 100   |
|                                  | <b>Aquaculture – Paper – IV</b>   | 100   |
|                                  | <b>Engg. Geology and Geo Exploration – Paper-IV</b>                                       | 100   |
|                                  | <b>Bio-Technology – Paper-IV</b> (Applications of Bio-Technology)                         | 100   |
|                                  | <b>Geology – Paper-IV</b>   |       |
|                                  | <i>Elective Subjects:</i>   |       |
|                                  | Groundwater Exploration   | 100   |
|                                  | Mineral Exploration   | 100   |
|                                  | Environmental Geology   | 100   |
|                                  | <b>Electronics – Paper-IV</b>   |       |
|                                  | <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   |
|                                  | <b>Applied Nutrition – Paper-IV</b>   | 100   |
|                                  | <b>Medical Lab. Technology – Paper-IV</b>   | 100   |
|                                  | <b>Horticulture – Paper-IV</b> (Fruit and Vegetable Technology)                           | 100   |

| Day, Date & Hours                 | Subjects  | Marks |
|-----------------------------------|---|-------|
| Monday, 12 <sup>th</sup> March    | <b>Applied Chemistry – Paper-III</b> (Inorganic, Organic & Physical Chemistry)                                | 100   |
| 2 pm to 5 pm                      | <b>Computer Science – Paper-III</b> (Database Management Systems)   | 100   |
|                                   | <b>Forestry – Paper-III</b>   | 100   |
|                                   | <b>Bio-Chemistry- Paper-III</b> (Physiology, Clinical Biochemistry and Immunology)                            | 100   |
|                                   | <b>Computer Applications – Paper-III</b>  | 100   |
|                                   | <b>Nutrition &amp; Dietetics – Paper-III</b>  | 100   |
|                                   | <b>Environ. Science – Paper-III</b>   | 100   |
| Tuesday, 13 <sup>th</sup> March   | <b>Applied Chemistry – Paper-IV</b> (Advanced Topic in Applied Chemistry)                                     | 100   |
| 2 pm to 5 pm                      | <b>Computer Science – Paper-IV</b>  | 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   |
|                                   | <b>Forestry – Paper-IV</b>  | 100   |
|                                   | <b>Environmental Science – Paper-IV</b>   | 100   |
|                                   | <b>Bio-Chemistry – Paper-IV</b> (Microbiology and Molecular Biology)  | 100   |
|                                   | <b>Computer Applications – Paper-IV</b>   | 100   |
|                                   | <b>Nutrition &amp; Dietetics – Paper-IV</b>   | 100   |
| Wednesday, 14 <sup>th</sup> March | <b>Physics – Paper-III</b>  | 100   |
| 2 pm to 5 pm                      | Electricity - Magnetism and Electronics (for Maths combination)   |       |
|                                   | <b>Physics – Paper-III</b>  | 100   |
|                                   | Electricity, Magnetism and Electronics (for non-Maths combination)  |       |
|                                   | <b>Zoology – Paper-III</b> (Animal Physiology Behaviour and Ecology) (Animal Pysiology, Genetics & Evolution) | 100   |
| Thursday, 15 <sup>th</sup> March  | <b>Physics – Paper-IV</b>   | 100   |
| 2 pm to 5 pm                      | Modern Physics (with Mathes combination)  |       |
|                                   | <b>Physics – Paper-IV</b>   | 100   |
|                                   | Modern Physics (with Non-Maths combination)   |       |
|                                   | <b>Zoology-Paper-IV</b>   |       |
|                                   | <i>Electives:</i>   |       |
|                                   | Aquaculture   | 100   |
|                                   | Clinical Science  | 100   |
|                                   | Applied Zoology   | 100   |

| <i>Day, Date &amp; Hours</i>                     | <i>Subjects</i>   | <i>Marks</i> |
|--|---|--------------|
| Friday, 16 <sup>th</sup> March<br>2 pm to 5 pm   | Chemistry – Paper-III<br>(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          |
| Saturday, 17 <sup>th</sup> March<br>2 pm to 5 pm | Public Health – Paper-III   | 100          |
|  | Chemistry – Paper-IV<br>(Chemistry of Drugs, Petrochemicals,<br>Polymer Chemistry and<br>Environmental Chemistry) | 100          |
|  | (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 &amp; Hours</i>                    | <i>Subjects</i>   | <i>Marks</i> |
|---|---|--------------|
| Monday, 19 <sup>th</sup> March<br>2 pm to 5 pm  | +Geography – Paper-III<br>(Regional Geography of India)                                   | 100          |
|   | Microbiology – Paper-III<br>(Immunology and Medical Microbiology)                         | 100          |
|   | Economics – Paper-III<br>(Indian Economy and Environmental Economics<br>(Indian Economy)) | 150          |
|   |   | 100          |
|   |   |              |
| Tuesday, 20 <sup>th</sup> March<br>2 pm to 5 pm | + <b>Geography – Paper-IV</b><br>(Regional Geography of Asia)                             | 100          |
|   | (Remote Sensing and GIS)  | 100          |
|   | Microbiology – Paper-IV<br>(Applied Microbiology)   | 100          |
|   | Economics-Paper-IV<br><i>Electives :</i>  |              |
|   | Public Finance & International Economics  | 150          |
|   | Quantitative Techniques   | 150          |
|   | Microbiology – Paper-IV   | 100          |
|   |   |              |
|   | Economics-Paper-IV<br><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

**ANDHRA UNIVERSITY**  
**B.Sc. DEGREE EXAMINATION (CCS) VOCATIONAL**  
**MARCH/APRIL, 2012**

**TIME-TABLE**

| <i>Day, Date &amp; Hours</i>                      | <i>Subjects</i>  | <i>Marks</i>                                  | <i>Day, Date &amp; Hours</i>                      | <i>Subjects</i>  | <i>Marks</i>                    |
|---|--|---|---|--|---------------------------------|
| <b>AT THE END OF THIRD YEAR</b>                   |  |   | <b>AT THE END OF SECOND YEAR</b>                  |  |                                 |
| Saturday, 3 <sup>rd</sup> March<br>2 pm to 4 pm   | @Part I (i) - English Paper-III<br>(w.e.f. 2005-2006 admitted batch)   | 50  | Saturday, 24 <sup>th</sup> March<br>2 pm to 5 pm  | Part-I@ (i) - English Paper-II<br>(for Supplementary Candidates)   | 100                             |
| Monday, 5 <sup>th</sup> March<br>2 pm to 5 pm     | Foundation Course-II   | 70  | 2 pm to 4 pm                                      | @Part-I (i) - English-Paper-II<br>(w.e.f. 2005-2006 Admitted Batch)  | 50                              |
| 2 pm to 3-30 pm                                   | Science & Civilisation<br>(also for IInd year Supplementary Candidates)  | 50  | Monday, 26 <sup>th</sup> March<br>2 pm to 5 pm    | @Part-I (ii) - Telugu or any other<br>Classical or Modern Language Paper-II  | 100                             |
| Tuesday, 6 <sup>th</sup> March<br>2 pm to 5 pm    | Mathematics - Paper-III<br>(Rings, Fields & Linear Algebra)<br>(Rings & Linear Algebra)  | 100   |   | @Compulsory Subject-Part-I (iii)   | 50                              |
|   | Botany - Paper-III   | 100   | <b>See IIIrd Year</b>                             | Part-B : Science & Civilization<br>(For Supplementary Candidates only)   |                                 |
| Wednesday, 7 <sup>th</sup> March<br>2 pm to 5 pm  | Mathematics - Paper-IV<br>Botany - Paper-IV  | 100<br>100                                    | <b>Part-II : Optional Subjects</b>                |  |                                 |
|   | <b>Vocational Papers</b>   |   | Tuesday, 27 <sup>th</sup> March<br>2 pm to 5 pm   | Environmental Studies  | 75                              |
| Friday, 9 <sup>th</sup> March<br>2 pm to 5 pm     | EEM-V : The 8086/8080 Family<br>Architecture Programming<br>Inter Facing and Hardware<br>Horticulture – Paper-V<br>Industrial Chemistry - Paper-V<br>Bio-Technology - Paper-V<br>Seed Technology - Paper-V | 100<br>100<br>100<br>100<br>100<br>100<br>100 | Wednesday, 28 <sup>th</sup> March<br>2 pm to 5 pm | Computer Course<br>Computer Skills   | 100<br>100                      |
|   | Electronics - Paper-III  | 100   | Thursday, 29 <sup>th</sup> March<br>2 pm to 5 pm  | Mathematics – Paper-II<br>Botany Paper-II  | 100<br>100                      |
|   | <b>Vocational Papers</b>   |   | <b>Vocational Papers</b>                          |  |                                 |
| Saturday, 10 <sup>th</sup> March<br>2 pm to 5 pm  | EEM-VI : Computer Programming<br>Fortran<br>Horticulture – Paper-VI<br>Industrial Chemistry - Paper-VI<br>Bio-Technology - Paper-VI<br>Seed Technology - Paper-VI<br>Electronics - Paper-IV                | 100<br>100<br>100<br>100<br>100<br>100<br>100 | Friday, 30 <sup>th</sup> March<br>2 pm to 5 pm    | Physics - Paper-II<br>(Thermodynamics and optics with<br>Mathematics combination)  | 100                             |
| Wednesday, 14 <sup>th</sup> March<br>2 pm to 5 pm | Physics - Paper-III<br>(Electro Magnetics & Electronics for<br>Mathematics Combination)<br>Zoology - Paper-III   | 100<br>100                                    |   | Zoology : Paper-II   | 100                             |
| Thursday, 15 <sup>th</sup> March<br>2 pm to 5 pm  | Physics - Paper-IV<br>(Electro Magnetics & Electronics)<br>(with Mathematics Combination)<br>Zoology - Paper-IV  | 100<br>100                                    | Saturday, 31 <sup>st</sup> March<br>2 pm to 5 pm  | Chemistry - Paper-II   | 100                             |
| Friday, 16 <sup>th</sup> March<br>2 pm to 5 pm    | Chemistry - Paper-III  | 100   | <b>Vocational Papers</b>                          |  |                                 |
|   | <b>Vocational Papers</b>   |   | Monday, 2 <sup>nd</sup> April<br>2 pm to 5 pm     | General Chemistry<br>(for M.C. Candidates only)<br>Computer Maintenance-IV   | 100<br>100                      |
|   | Computer Maintenance - Paper-V   | 100   | Tuesday, 3 <sup>rd</sup> April<br>2 pm to 5 pm    | EEM III-Audio/Video Equipment and<br>Principles<br>Horticulture Paper-III<br>Industrial Chemistry Paper-III<br>Bio-Technology Paper-III<br>Seed Technology : Paper-III       | 100<br>100<br>100<br>100<br>100 |
| Saturday, 17 <sup>th</sup> March<br>2 pm to 5 pm  | Chemistry - Paper-IV   | 100   | Saturday, 7 <sup>th</sup> April<br>2 pm to 5 pm   | EEM IV – (Micro Processor Instruments<br>Control)<br>Horticulture – Paper - IV<br>Industrial Chemistry Paper - IV<br>Bio-Technology Paper - IV<br>Seed Technology Paper - IV | 100<br>100<br>100<br>100<br>100 |
|   | <b>Vocational Papers</b>   |   |   |  |                                 |

| <i>Day, Date &amp; Hours</i>                         | <i>Subjects</i>  | <i>Marks</i> | <i>Day, Date &amp; Hours</i>                        | <i>Subjects</i>  | <i>Marks</i>                    |
|--|--|--------------|---|--|---------------------------------|
| <b>AT THE END OF FIRST YEAR</b>                      |  |              |   |  |                                 |
| <b>PART-I</b>  |  |              |   |  |                                 |
| Saturday, 24 <sup>th</sup> March<br>9 am to 12 noon  | @Part-I (i) English-Paper-I<br>(for Supplementary candidates)  | 100          | Friday, 30 <sup>th</sup> March<br>9 am to 12 noon   | Physics - Paper-I<br>Mechanics Waves and Oscillations<br>(With Mathematics Combination)<br>Zoology - Paper-I   | 100<br>100                      |
| 9 am to 11 am  | @Part-I (i) English-Paper-I<br>(w.e.f. 2005-2006 Admitted Batch)   | 50           | Saturday, 31 <sup>st</sup> March<br>9 am to 12 noon | Chemistry - Paper-I<br><b>Vocational Papers</b>  | 100                             |
| Monday, 26 <sup>th</sup> March<br>9 am to 12 noon    | @Part-I (ii) Telugu or any other<br>Classical or Modern Language Paper-I                                     | 100          |   | Computer Maintenance - Paper - I   | 100                             |
| Tuesday, 27 <sup>th</sup> March<br>9 am to 10-30 am  | @ Compulsory Subject : Part-I (iii)<br>Part-A : Indian Heritage and Culture<br>(For Supple. Candidates only) | 50           | Monday, 2 <sup>nd</sup> April<br>9 am to 12 noon    | Computer Maintenance - II  | 100                             |
| 9 am to 12-00 noon                                   | Foundation Course-I  | 70           | Tuesday, 3 <sup>rd</sup> April<br>9 am to 12 noon   | EEM-I - Electronics Principles and Devices<br>Horticulture - Paper-I<br>Industrial Chemistry - Paper-I<br>Bio-Technology - Paper-I<br>Seed Technology - Paper-I      | 100<br>100<br>100<br>100<br>100 |
| <b>Part-II : Optional Subjects</b>                   |  |              |   |  |                                 |
| Wednesday, 28 <sup>th</sup> March<br>9 am to 12 noon | Computer Courses<br>Computer Skills  | 100<br>100   | Wednesday, 4 <sup>th</sup> April<br>9 am to 12 noon | EEM-II - Electronics Circuits and Assembles<br>Horticulture - Paper-II<br>Industrial Chemistry - Paper-II<br>Bio-Technology - Paper-II<br>Seed Technology - Paper-II | 100<br>100<br>100<br>100<br>100 |
| Thursday, 29 <sup>th</sup> March<br>9 am to 12 noon  | Mathematics-Paper-I<br>Botany Paper-I  | 100<br>100   |   |  |                                 |

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

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