

**ANDHRA UNIVERSITY**

**B.Sc. (CBCS) Degree Examinations :March/April, 2023**  
**Skill Enhancement Courses, Semesters From-2022-2023**  
**(REVISED SYLLABUS- w.e.f. 2020-2021)**

**(REVISED TIME TABLE) , FIFTH semester REGULAR**

Date and Day	Time	Subject	Paper Code	Max Marks
24 <sup>th</sup> March, 2023 (Friday)	2 PM TO 5 PM	<b>Part-II: MATHEMATICS</b> (Common with B.A & B.Sc.)		
		Paper :6A Numerical Methods	BS-S7119	75
		Paper: 6B Multiple Integrals and Applications Vector Calculus	BS-S7120	75
		Paper : 6C Partial Differential Equations and Fourier Series	BS-S7121	75
		<b>Part-II: BOTANY</b>		
		Paper : 6A Plant Propagation	BS-S7143	75
		Paper : 6B Vegetable Crops-cultivation Practices	BS-S7144	75
		Paper : 6C Plant Tissue Culture	BS-S7145	75
		Paper : 6D Gardening and Landscaping	BS-S7146	75
25 <sup>th</sup> March, 2023 (Saturday)	2 PM TO 5 PM	<b>Part-II: MATHEMATICS</b> (Common with B.A & B.Sc.)		
		Paper : 7A Mathematical Special Functions	BS-S7122	75
		Paper -: 7B Integral Transforms with Applications	BS-S7123	75
		Paper: 7C Number Theory	BS-S7124	75
		<b>Part-II: BOTANY</b>		
		Paper: 7A Seed technology	BS-S7147	75
		Paper : 7B Vegetable Crops-post Harvest Practices	BS-S7148	75
		Paper : 7C Mushroom Cultivation	BS-S7149	75
		Paper : 7D Agro forestry	BS-S7150	75
27 <sup>th</sup> March, 2023 (Monday)	2 PM TO 5 PM	<b>Part-II: PHYSICS</b> (for Maths combination)		
		Paper :6A Optical instruments and optometry	BS-S71128	75
		Paper: 6B Low temperature physics & Refrigeration	BS-S71129	75
		Paper : 6C Applications of Electricity & Electronics	BS-S71130	75
		<b>Part II: ZOOLOGY</b>		
		Paper:6A Sustainable Aquaculture Management	BS-S7125	75
		Paper:6B Live stock management-I (Biology of Dairy Animals)	BS-S7126	75
		Paper:6C Poultry Management –I (Poultry Farming)	BS-S7127	75
		Paper:6D Seri culture –I	BS-S7128	75
		<b>Part-II: HUMAN GENETICS</b>		
		Paper : HGT A1 Clinical Genetics & Genetic Counseling	BS-S71134	75
		Paper : HGT B1 Human Genome project And Genomes	BS-S71135	75
		Paper: HGT CI Developmental & Behavioral Genetics	BS-S71136	75

Contd Pg No.2

Date and Day	Time	Subject	Paper Code	Max Marks
28 <sup>th</sup> March, 2023 (Tuesday)	2 PM TO 5 PM	<b>Part-II: PHYSICS (for maths combination)</b>		
		Paper : 7A Optical imaging and photography	BS-S71131	75
		Paper : 7B Solar Energy and Applications	BS-S71132	75
		Paper : 7C Electronic Instrumentation	BS-S71133	75
		<b>Part-II: ZOOLOGY</b>		
		Paper : 7A Post harvest technology of fish and Fisheries	BS-S7129	75
		Paper : 7B Live stock management II (Dairy production and management)	BS-S7130	75
		Paper : 7C Poultry Management – II (Poultry production and management)	BS-S7131	75
		Paper : 7D Seri Culture – II	BS-S7132	75
		<b>Part-II: HUMAN GENETICS</b>		
		Paper : HGT A2 Laboratory Diagnosis in Genetics	BS-S71137	75
		Paper : HGT B2 Molecular Techniques in Genetic Engineering	BS-S71138	75
		Paper : HGT C2 Molecular Pathology in Human Diseases	BS-S71139	75
		<b>Part II: CHEMISTRY</b>		
29 <sup>th</sup> March, 2023 (Wednesday)	2 PM TO 5 PM	Paper: 6A Synthetic Organic Chemistry	BS-S7133	75
		Paper 6B Analytical Methods in Chemistry	BS-S7134	75
		Paper :6C Industrial Chemistry –I	BS-S7135	75
		Paper :6D Environmental Chemistry	BS-S7136	75
		Paper :6E Analytical Methods in Chemistry	BS-S7137	75
31 <sup>st</sup> March, 2023 (Friday)	2 PM TO 5 PM	<b>Part-II: CHEMISTRY</b>		
		Paper : 7A Analysis of organic compounds	BS-S7138	75
		Paper : 7B Analytical Methods in Chemistry –I	BS-S7139	75
		Paper : 7C Industrial Chemistry-2	BS-S7140	75
		Paper : 7D Green Chemistry and Nanotechnology	BS-S7141	75
		Paper : 7E Cosmetics and Pharmaceutical Chemistry	BS-S7142	75

Date and Day	Time	Subject	Paper Code	Max Marks
01 <sup>st</sup> April, 2023 (Saturday)	2 PM TO 5 PM	<b>Part-II: COMPUTER SCIENCE</b>		
		Paper :6A Web interface designing Technologies	BS-S71114	75
		Paper :6B Internet of things	BS-S71115	75
		Paper :6C Data Science	BS-S71116	75
		<b>Part-II: BIO-CHEMISTRY</b>		
		Paper : 6A Clinical Bio-Chemistry	BS-S7107	75
		Paper : 6B Food Technology	BS-S7108	75
		Paper : 6C Genetic Engineering	BS-S7109	75
		<b>Part-II: NUTRITION</b>		
		Paper : 6A Advanced diet therapy	BS-S7157	75
		Paper : 6B Nutrition & Fitness	BS-S7158	75
		Paper : 6C Food Processing & Preservation	BS-S7159	75
		Paper : 6D Food Product Development	BS-S7160	75
		<b>Part II : AQUACULTURE</b>		
		Paper : 6A Soil and water quality Management	BS-S7177	75
		Paper : 6B Techniques for Aqua Lab	BS-S7178	75
		Paper : 6C Aquaculture Economics	BS-S7179	75
		<b>Part-II: ECONOMICS</b>		
		Paper :6A Web interface designing Technologies	BA-S7155	75
		Paper : 6B Urban entrepreneurship and MSMEs	BA-S7156	75
		Paper : 6C Insurance services	BA-S7157	75
		Paper : 6D Inferential statistics and software	BA-S7158	75
03 <sup>rd</sup> April, 2023 (Monday)	2 PM TO 5 PM	<b>Part-II: COMPUTER SCIENCE</b>		
		Paper : 7A Web applications development Using PHP & MYSQL	BS-S71117	75
		Paper : 7B application development using Python	BS-S71118	75
		Paper : 7C Python for Data Science	BS-S71119	75
		<b>Part-II: BIO-CHEMISTRY</b>		
		Paper : 7A Hematological and immunological Techniques	BS-S7110	75
		Paper : 7B Food Microbiology	BS-S7111	75
		Paper : 7C Bioinformatics	BS-S7112	75
		<b>Part-II: NUTRITION</b>		
		Paper : 7A Human Physiology	BS-S7161	75
		Paper : 7B Nutrition health communication	BS-S7162	75
		Paper : 7C Food Labeling & Packaging	BS-S7163	75
		Paper : 7D Entrepreneurship Management	BS-S7164	75

Date and Day	Time	Subject	Paper Code	Max Marks
03 <sup>rd</sup> April, 2023 (Monday)	2 PM TO 5 PM	<b>Part II : AQUACULTURE</b>		
		Paper : 7A Ornamental Fish Culture	BS-S7180	75
		Paper : 7B Fish Processing Technology	BS-S7181	75
		7C Fish Microbiology and quality Assurance	BS-S7182	75
		<b>Part-II: ECONOMICS</b>		
		Paper : 7A Farmer Producer Organizations	BA-S7159	75
		Paper : 7B Retail and Digital marketing	BA-S7160	75
		Paper : 7C Banking and Financial Services	BA-S7161	75
		Paper : 7D Project Designing and Report Writing	BA-S7162	75
04 <sup>th</sup> April, 2023 (Tuesday)	2 PM TO 5 PM	<b>Part-II: MICROBIOLOGY</b>		
		Paper : 6A Food and dairy microbiology	BS-S7101	75
		Paper : 6B Clinical and diagnostic microbiology	BS-S7102	75
		Paper : 6C Pharmaceutical microbiology	BS-S7103	75
		<b>Part-II: STATISTICS (Common with B.A. &amp; B.Sc.) for Maths combination)</b>		
		Paper : 6A Operations Research – I	BS-S71108	75
		Paper : 6B Statical process and Quality control	BS-S71109	75
		Paper : 6C Econometrics	BS-S71110	75
		<b>Part II: INTERNET OF THINGS</b>		
		Paper : 6A Machine Learning for IoT	BS-S71156	75
		Paper : 6B Java Programming for IoT	BS-S71157	75
		Paper : 6C Web of Things	BS-S71158	75
		<b>Part II: ANALYTICAL CHEMISTRY</b>		
		Paper : 6A Instrumental methods of Analysis	BS-S71150	75
		Paper : 6B Analytical techniques	BS-S71151	75
		Paper : 6C Separation methods, corrosion, Laboratory	BS-S71152	75
06 <sup>th</sup> April, 2023 (Thursday)	2 PM TO 5 PM	<b>Part-II: MICROBIOLOGY</b>		
		Paper :7A Environmental and agriculture Microbiology	BS-S7104	75
		Paper : 7B Molecular biotechnology, Biostatistics And bioinformatics	BS-S7105	75
		Paper :7C Biosafety and IPR	BS-S7106	75
		<b>Part-II: STATISTICS</b>		
		Paper :7A Operations Research –II	BS-S71111	75
		Paper : 7B Computational Techniques and R Programming	BS-S71112	75
		Paper : 7C Regression Analysis	BS-S71113	75
		<b>Part II: INTERNET OF THINGS</b>		
		Paper : 7A Computer Vision	BS-S71159	75
		Paper : 7B Big Data and Analytics	BS-S71160	75
		Paper : 7C Security in Iot	BS-S71161	75
		<b>Part II: ANALYTICAL CHEMISTRY</b>		
		Paper : 7A Electro Analytical techniques	BS-S71153	75
		Paper : 7B Sampling methods and Data Analysis	BS-S71154	75
		Paper : 7C Applied Analysis	BS-S71155	75

Date and Day	Time	Subject	Paper Code	Max Marks
10 <sup>th</sup> April, 2023 (Monday)	2 PM TO 5 PM	<b>Part-II: FISHERIES</b>		
		Paper : 6A Fish Processing Technology	BS-S7165	75
		Paper : 6B Aquatic pollution and coastal Zone Management	BS-S7166	75
		Paper : 6C Fisheries Extension Education	BS-S7167	75
		<b>Part-II: BIO-TECHNOLOGY</b>		
		Paper : 6A Techniques in nursery Development	BS-S7113	75
		Paper : 6B Organic Farming	BS-S7114	75
		Paper : 6C Apiculture	BS-S7115	75
		<b>Part-II: AGRICULTURE</b>		
		Paper : 6A Extension	BS-S71162	75
		<b>Part-II: ELECTRONICS</b>		
		Paper : 6A Industrial Electronics	BS-S7151	75
		Paper : 6B Embedded Systems design	BS-S7152	75
		Paper : 6C VLSI Design	BS-S7153	75
		<b>Part-II HORTICULTURE</b>		
		Paper : 6A Ornamental Horticulture	BS-S71120	75
		Paper : 6B Precision Farming and Protected Cultivation	BS-S71121	75
		Paper : 6C Water Management in Horticulture Crops	BS-S71122	75
		Paper : 6D Dryland Horticulture	BS-S71123	75
		<b>Part II: DATA SCIENCE</b>		
		Paper : 6A Data Analytics with tableau	BS-S7171	75
		Paper : 6B Supervised ML with python	BS-S7172	75
		Paper : 6C NLP with python	BS-S7173	75
11 <sup>th</sup> April, 2023 (Tuesday)	2 PM TO 5 PM	<b>Part-II: FISHERIES</b>		
		Paper :7A Fish seed production technology	BS-S7168	75
		Paper : 7B Ornamental Fisheries	BS-S7169	75
		Paper : 7C Microbiology of Fish and fishery Products	BS-S7170	75
		<b>Part-II: BIO-TECHNOLOGY</b>		
		Paper : 7A Hydroponics	BS-S7116	75
		Paper : 7B Bio fertilizers and Biopesticides Production	BS-S7117	75
		Paper : 7C Pearl Culture	BS-S7118	75
		<b>Part-II: AGRICULTURE</b>		
		Paper : 7A Social Forestry and Organic Farming	BS-S71163	75
		<b>Part-II: ELECTRONICS</b>		
		Paper : 7A Electronic Instrumentation	BS-S7154	75
		Paper : 7B Consumer Electronics	BS-S7155	75
		Paper : 7C Data communication and Networking	BS-S7156	75
		<b>Part-II HORTICULTURE</b>		
		Paper : 7A Commercial Floriculture	BS-S71124	75
		Paper : 7B Post-harvest Management of Horticulture Crops	BS-S71125	75
		Paper : 7C Soil Fertility and Nutrient Management	BS-S71126	75
		Paper : 7D Plantation Crops	BS-S71127	75
		<b>Part II: DATA SCIENCE</b>		
		Paper : 7A AI concepts and techniques With python	BS-S7174	75
		Paper :7B Unsupervised ML with python	BS-S7175	75
		Paper : 7C Deep learning neural networks With python	BS-S7176	

Date and Day	Time	Subject	Paper Code	Max Marks
12 <sup>th</sup> April, 2023 (Wednesday)	2 PM TO 5 PM	Part II: GEOGRAPHY (Common with B.A. & B.Sc)		
		Paper: 6A Economic Geography	BS-S71140	75
		Paper: 6B Environmental Geography	BS-S71141	75
		Paper: 6C Tourism Geography	BS-S71142	75
		Paper: 6D Agricultural Geography	BS-S71143	75
		Part II: COMPUTER APPLICATION FOR SCIENCE		
		Paper: 6A Big Data Analytics Using R	BC-S7119	75
		Paper : 6B Mobile application development	BC-S7120	75
		Paper: 6C E- Commerce application Development	BC-S7121	75
		Paper: 6D Multimedia Tools and Applications	BC-S7122	75
		Paper: 6E Biological databases and Applications	BS-S71148	75
13 <sup>th</sup> April, 2023 (Thursday)	2 PM TO 5 PM	Part II: GEOGRAPHY (Common with B.A. & B.Sc)		
		Paper:7A Industrial Geography	BS-S71144	75
		Paper:7B Disaster Management	BS-S71145	75
		Paper:7C Resource Geography	BS-S71146	75
		Paper:7D Remote sensing & GIS	BS-S71147	75
		Part II: COMPUTER APPLICATION FOR SCIENCE		
		Paper: 7A Data Science using python	BC-S7123	75
		Paper: 7B Cyber security and malware Analysis	BC-S7124	75
		Paper: 7C Real time governance System (RTGS)	BC-S7125	75
		Paper: 7D Digital imaging	BC-S7126	75
		Paper: 7E Essentials of Bioinformatics	BS-S71149	75

(BY ORDER)

C.A.O., AU,  
Visakhapatnam  
Dt:09-03-2023

  
(T.CHITTI BABU)  
CONTROLLER OF EXAMINATIONS

**ANDHRA UNIVERSITY**  
**B.Sc., FOOD TECHNOLOGY COURSE STRUCTURE (CBCS)**  
**Degree Examinations – March/April, 2023**  
**Under Semester System**  
**Courses, Semesters From – 2022-2023**  
**(REVISED SYLLABUS – w.e.f. 2020-21)**  
**FIFTH SEMESTER (REGULAR)**

**REVISED TIME TABLE**

Day, Date, Hours	SUBJECTS	Paper Code	Max Marks
Friday, 24 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD TECHNOLOGY Fermentation Technology	BS-S71164	75
Saturday, 25 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD TECHNOLOGY Product Development and Evaluation	BS-S71165	75
Monday, 27 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD TECHNOLOGY Dairy Technology	BS-S71166	75
Tuesday, 28 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD TECHNOLOGY Post Harvest Technology	BS-S71167	75
Wednesday, 29 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD TECHNOLOGY Food Quality and Certification	BS-S71168	75
Friday, 31 <sup>st</sup> March 2023 2 PM TO 5 PM	FOOD TECHNOLOGY Bakery and Confectionery Technology	BS-S71169	75

(BY ORDER)

C.A.O., AU,  
Visakhapatnam  
Dt:09-03-2023

  
(T. CHITTI BABU)  
CONTROLLER OF EXAMINATIONS



**ANDHRA UNIVERSITY**  
B.Sc., FOOD SCIENCE AND NUTRITION (CBCS)  
Degree Examinations – March/April, 2023  
Under Semester System  
Skill Enhancement Courses, Semesters From – 2022-2023  
**(REVISED SYLLABUS – w.e.f. 2020-21)**  
**FIFTH SEMESTER (REGULAR)**

**REVISED TIME TABLE**

Day, Date, Hours	SUBJECTS	Paper Code	Max Marks
Friday, 24 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD SCIENCE AND NUTRITION DSC- 5 Paper -1 (Core) Harvest Technology	BS-S7189	75
Saturday, 25 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD SCIENCE AND NUTRITION DSC- 5 Paper -2 (Core) Fermentation Technology	BS-S7190	75
Monday, 27 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD SCIENCE AND NUTRITION DSC- 5 Paper -3 (Core) Dairy Technology	BS-S7191	75
Tuesday, 28 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD SCIENCE AND NUTRITION DSC- 5 Paper -4 (Core) Nutrition in critical Care	BS-S7192	75
Wednesday, 29 <sup>th</sup> March 2023 2 PM TO 5 PM	FOOD SCIENCE AND NUTRITION DSC- 5 Paper -5 (Core) Health and Fitness	BS-S7193	75
Friday, 31 <sup>st</sup> March 2023 2 PM TO 5 PM	FOOD SCIENCE AND NUTRITION DSC- 5 Paper -6 (Core) Functional Foods and Nutraceuticals	BS-S7194	75

(BY ORDER)

C.A.O., AU,  
Visakhapatnam  
Dt:09-03-2023

  
(T. CHITTI BABU)  
CONTROLLER OF EXAMINATIONS




**ANDHRA UNIVERSITY**  
**B VOCATIONAL- AGRICULTURE**  
 B.Sc. (CBCS) Degree Examinations – March/April, 2023  
 Under Semester System  
 Skill Enhancement Courses , Semesters – From 2022-2023  
**(REVISED SYLLABUS – w.e.f. 2020-2021)**  
**FIFTH SEMESTER (REGULAR)**

**REVISED TIME TABLE**

Day, Date, Hours	SUBJECTS	Paper Code	Max Marks
Friday, 24 <sup>th</sup> March 2023 2 PM TO 5 PM	<b>AGRICULTURE</b> Weed & Water Management Time: 3 hours	<b>BS-S7195</b>	<b>75</b>
Saturday, 25 <sup>th</sup> March 2023 2 PM TO 5 PM	<b>AGRICULTURE</b> Farm Power & Machinery Time: 3 hours	<b>BS-S7196</b>	<b>75</b>
Monday, 27 <sup>th</sup> March 2023 2 PM TO 5 PM	<b>AGRICULTURE</b> Rain fed Agriculture & Water Shed Management Time: 3 hours	<b>BS-S7197</b>	<b>75</b>
Tuesday, 28 <sup>th</sup> March 2023 2 PM TO 5 PM	<b>AGRICULTURE</b> Pests of Horticulture Crops & Productive Entomology Time: 3 hours	<b>BS-S7198</b>	<b>75</b>
Wednesday, 29 <sup>th</sup> March 2023 2 PM TO 5 PM	<b>AGRICULTURE</b> Fungicides & Plant disease Management Time: 3 hours	<b>BS-S7199</b>	<b>75</b>
Friday, 31 <sup>st</sup> March 2023 2 PM TO 5 PM	<b>AGRICULTURE</b> Production Technology for Fruits & Vegetables Time: 3 hours	<b>BS-S71101</b>	<b>75</b>

(BY ORDER)

C.A.O., AU,  
Visakhapatnam  
Dt:09-03-2023

  
(T. CHITTI BABU)  
CONTROLLER OF EXAMINATIONS

**ANDHRA UNIVERSITY**  
**B VOCATIONAL – DAIRYING & ANIMAL HUSBANDRY**  
 B.Sc. (CBCS) Degree Examinations – March/April, 2023  
 Under Semester System  
 Skill Enhancement Courses ,Semesters From– 2022-2023  
**(REVISED SYLLABUS – w.e.f. 2020-21)**  
**FIFTH SEMESTER (REGULAR)**

**REVISED TIME TABLE**

Day, Date, Hours	SUBJECTS	Paper Code	Max Marks
Friday, 24 <sup>th</sup> March 2023 2 PM TO 5 PM	DAIRYING & ANIMAL HUSBANDRY Veterinary Pharmacology Time: 3 hours	BS-S71102	75
Saturday, 25 <sup>th</sup> March 2023 2 PM TO 5 PM	DAIRYING & ANIMAL HUSBANDRY Dairy Plant Management Time: 3 hours	BS-S71103	75
Monday, 27 <sup>th</sup> March 2023 2 PM TO 5 PM	DAIRYING & ANIMAL HUSBANDRY Fundamentals of Veterinary Time: 3 hours	BS-S71104	75
Tuesday, 28 <sup>th</sup> March 2023 2 PM TO 5 PM	DAIRYING & ANIMAL HUSBANDRY Veterinary clinical Practice Time: 3 hours	BS-S71105	75
Wednesday, 29 <sup>th</sup> March 2023 2 PM TO 5 PM	DAIRYING & ANIMAL HUSBANDRY Basics of Veterinary Time: 3 hours	BS-S71106	75
Friday, 31 <sup>st</sup> March 2023 2 PM TO 5 PM	DAIRYING & ANIMAL HUSBANDRY Veterinary Gynecology, Obstetrics and AI Time: 3 hours	BS-S71107	75

(BY ORDER)

C.A.O., AU,  
Visakhapatnam  
Dt:09-03-2023

  
 (T. CHITTI BABU)  
 CONTROLLER OF EXAMINATIONS



**ANDHRA UNIVERSITY**  
**B.A.(CBCS) V SEMESTER**

**Regular Students Examinations MARCH / APRIL - 2023**

**REVISED TIME-TABLE (W.E.F.2020-2021 A.B)**

Date and Day	Time	Subject	Paper Code	Max Marks
24 <sup>th</sup> March, 2023 (Friday)	2.00 pm to 5.00 p.m	<b>Part-II: History</b>		
		Paper- 6 (A) Archival Sources and Techniques	BA-S 7163	75
		Paper-6 (B) Tourism Hospitality Services	BA-S 7164	75
		Paper-6 (C) Journalistic Reporting and Editing Techniques	BA-S 7165	75
		Paper-6 (D) Modern principles and techniques of Archaeology	BA-S 7166	75
		<b>Part-II: PSYCHOLOGY</b>		
		Paper-6 (A) Educational Psychology	BA-S 7127	75
		Paper-6 (B) Industrial and Personnel Psychology	BA-S 7128	75
25 <sup>th</sup> March, 2023 (Saturday)	2.00 pm to 5.00 p.m	Paper-6 (C) Counseling Psychology	BA-S 7129	75
		<b>Part-II: HISTORY</b>		
		Paper-7 (A) Techniques of History writing	BA-S 7167	75
		Paper-7 (B) Tourism guidance and operating skills	BA-S 7168	75
		Paper-7 (C) Evolution of Telugu cinema and Script writing	BA-S 7169	75
		Paper-7 (D) Museum Management	BA-S 7170	75
		<b>Part-II: PSYCHOLOGY</b>		
		Paper-7 (A) Educational Psychology- Applications and Skills	BA-S 7130	75
27 <sup>th</sup> March, 2023 (Monday)	2.00 pm to 5.00 p.m	Paper-7 (B) Consumer Psychology	BA-S 7131	75
		Paper-7 (C) Psychological Disorders-Treatment methods	BA-S 7132	75
		<b>Part-II: SOCIAL WORK</b>		
		Paper-6 (A) Counseling Skills in Social work	BA-S 7121	75
		Paper-6 (B) Rehabilitation Services & Skills in Social Work	BA-S 7122	75
		Paper-6 (C) Skills in group Work & Community Work	BA-S 7123	75
		<b>Part-II: PHILOSOPHY</b>		
		Paper-6(A) Gandhian Philosophy	BA-S 7187	75
		<b>Part-II: MUSIC</b>		
		Paper-V: Musicology- 5	BA-S 7190	75
		<b>Part-II: RURAL DEVELOPMENT / RURAL INDUSTRIALIZATION (Common Paper)</b>		
		Paper-6 (C) Rural Industrialization and Entrepreneurship	BA-S 7173	75

:2:

Date and Day	Time	Subject	Paper Code	Max Marks
27 <sup>th</sup> March, 2023 (Monday)	2.00 pm to 5.00 p.m	Part-II: <b>TOURISM AND TRAVEL MANAGEMENT / TOURISM BUSINESS MARKETING</b> Paper-6 (A) Service Marketing of Tourism	BA-S 7107	75
		Paper-6 (B) Sales & Distribution Management	BA-S 7108	75
		Paper-6 (C) Tourism Destination Marketing	BA-S 7109	75
		Paper-6 (D) Digital Marketing for Tourism Business	BA-S 7110	75
		Part-II: <b>DANCE</b>		75
		Part-II: <b>JOURNALISM AND MASS COMMUNICATION</b> Paper- 6(A) Human Rights and media	BA-S 7196	75
		Part-II: <b>OFFICE MANAGEMENT AND SECRETARIAL PRACTICE</b> Paper-6 (A) Advanced Stenography and Computer Applications	BA-S 7185	75
28 <sup>th</sup> March, 2023 (Tuesday)	2.00 pm to 5.00 p.m	Part-II: <b>SOCIAL WORK</b> Paper-7 (A) Social work Practice With differently-abled persons	BA-S 7124	75
		Paper-7 (B) Professional Competence for Social Work Practice	BA-S 7125	75
		Paper-7 (C) Social Welfare administration skills	BA-S 7126	75
		Part-II: <b>PHILOSOPHY</b> Paper-7(A) Applied Ethics	BA-S 7188	75
		Part-II: <b>MUSIC</b> Paper- Paper-VI : Musicology- 6	BA-S 7191	75
		Part-II: <b>RURAL DEVELOPMENT / RURAL INDUSTRIALIZATION</b> (Common Paper) Paper-7 (C) Rural Credit And Banking	BA-S 7177	75
		Part-II: <b>Tourism and Travel Management / Tourism Business Marketing</b> Paper-7 (A) Consumer Behavior and Customer Relationship Management S	BA-S 7111	75
		Paper-7 (B) Selling & Negotiation Management	BA-S 7112	75
		Paper-7 (C) Itinerary Preparation Tour Packing	BA-S 7113	75
		Paper-7 (D) Advertising and Brand Management for Tourism	BA-S 7114	75
		Part-II: <b>DANCE</b>		75
		Part-II: <b>JOURNALISM AND MASS COMMUNICATION</b> Paper-7(A) Radio Journalism	BA-S 7197	75
		Part-II: <b>OFFICE MANAGEMENT AND SECRETARIAL PRACTICE</b> Paper-7 (A) Computer Applications and Stenography	BA-S 7186	75

Date and Day	Time	Subject	Paper Code	Max Marks
29 <sup>th</sup> March, 2023 (Wednesday)	2.00 pm to 5.00 p.m	Part-II: <b>POLITICAL SCIENCE</b>		
		Paper-6 (A) Political Reporting	BA-S 7147	75
		Paper-6 (B) E-Governance	BA-S 7148	75
		Paper-6 (C) Office Management	BA-S 7149	75
		Paper-6 (D) Electoral Politics and Voting Behavior	BA-S 7150	75
		Part-II: <b>INDUSTRIAL RELATIONS (I.R) / INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT (IRPM)</b>	BA-S 7194	75
31 <sup>st</sup> March, 2023 (Friday)	2.00 pm to 5.00 p.m	Paper-6 (A) Social Security and Labour Welfare		
		Part-II: <b>POLITICAL SCIENCE</b>		
		Paper-7 (A) Legal Literacy-Rights Awareness	BA-S 7151	75
		Paper-7 (B) Local Administration	BA-S 7152	75
		Paper-7 (C) Personnel Administration	BA-S 7153	75
		Paper-7 (D) Legislative Procedures and Practices	BA-S 7154	75
1 <sup>st</sup> April, 2023 (Saturday)	2.00 pm to 5.00 p.m	Part-II: <b>INDUSTRIAL RELATIONS (I.R) / INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT (IRPM)</b>	BA-S 7195	75
		Paper- 7(A) Labour Legislation		
		Part-II: <b>ECONOMICS</b>		75
		Paper-6 (A) Rural Entrepreneurship (Common with B.A and B.Sc)	BA-S 7155	75
		Paper-6 (B) Urban Entrepreneurship and MSMEs (Common with B.A and B.Sc)	BA-S 7156	75
		Paper-6 (C) Insurance Services (Common with B.A and B.Sc)	BA-S 7157	75
3 <sup>rd</sup> April, 2023 (Monday)	2.00 pm to 5.00 p.m	Paper-6 (D) Inferential Statistics and Software Packages (Common with B.A and B.Sc)	BA-S 7158	75
		Part-II: <b>ECONOMICS</b>		
		Paper-7 (A) Farmer Producer Organizations (Common with B.A and B.Sc)	BA-S 7159	75
		Paper-7 (B) Retail and Digital Marketing (Common with B.A and B.Sc)	BA-S 7160	75
		Paper-7 (C) Banking and Financial Services (Common with B.A and B.Sc)	BA-S 7161	75
4 <sup>th</sup> April, 2023 (Tuesday)	2.00 pm to 5.00 p.m	Paper-7 (D) Project Designing and report Writing (Common with B.A and B.Sc)	BA-S 7162	75
		Part-II: <b>SPECIAL ENGLISH</b>		
		Paper-6 (A) English Language Teaching Skills	BA-S 7133	75
		Paper-6 (B) Teaching English online	BA-S 7134	75
		Paper-6 (C) Writing for Media	BA-S 7135	75
		Part-II: <b>EDUCATION</b>		75
		Part-II: <b>SPECIAL TELUGU</b>		
		Paper-6 (A) Telugu basha swarupam	BA-S 7139	75
		Paper-6 (B) Lalitha kalalu	BA-S 7140	75
		Paper-6 (C) Baadhyamalaku Rachana	BA-S 7141	75
		Paper-6 (D) Telugu-Bodhana Paddhathulu	BA-S 7142	75
		Part-II: <b>HUMAN RESOURCE MANAGEMENT</b>		
		Paper-6 (A) Industrial Relations and Trade Unions	BA-S 7179	75
		Paper-6 (B) Labour Welfare	BA-S 7180	75
		Paper-6 (C) Organizational Behavior	BA-S 7181	75

:4:

Date and Day	Time	Subject	Paper Code	Max Marks
6 <sup>th</sup> April, 2023 (Thursday)	2.00 pm to 5.00 p.m	<b>Part-II: SPECIAL ENGLISH</b> Paper-7 (A) Skills and Procedures of Translation (English&Telugu)	BA-S 7136	75
		Paper-7 (B) English for Journalism & Advertising (Print Media)	BA-S 7137	75
		Paper-7 (C) Creative Writing and Literary Appreciation	BA-S 7138	75
		<b>EDUCATION</b>	----	75
		<b>Part-II: SPECIAL TELUGU</b> Paper-7 (A) Telugu rachanareethulu	BA-S 7143	75
		Paper-7 (B) Janapadhakalalu	BA-S 7144	75
		Paper-7 (C) Anuvadham	BA-S 7145	75
		Paper-7 (D) Vachikabivruddhi	BA-S 7146	75
		<b>Part-II: HUMAN RESOURCE MANAGEMENT</b> Paper-7 (A) Calculations of Statutory Commitments for HR	BA-S 7182	75
		Paper-7 (B) Human Resource Management	BA-S 7183	75
		Paper-7 (C) Talent Management	BA-S 7184	75
		<b>Part-II: SOCIOLOGY</b> Paper-6 (A) Social Demography	BA-S 7115	75
10 <sup>th</sup> April, 2023 (Monday)	2.00 pm to 5.00 p.m	Paper-6 (B) Sociology of Health	BA-S 7116	75
		Paper-6 (C) Urban Sociology	BA-S 7117	75
		<b>Part-II: COMMERCE</b> Paper-6 (A) Life Insurance with Practice	BA-S 7192	75
		<b>Part-II: PUBLIC ADMINISTRATION</b> Paper-6 (A) Human Resource and Logistic Management	BA-S 7101	75
		Paper-6(B) Basic research Writing Skills	BA-S 7102	75
		Paper-6 (C) Social Audit	BA-S 7103	75
		<b>Part-II: SOCIOLOGY</b> Paper-7 (A) Social Change in Modern India	BA-S 7118	75
		Paper-7 (B) Social and Environment	BA-S 7119	75
11 <sup>th</sup> April, 2023 (Tuesday)	2.00 pm to 5.00 p.m	Paper-7 (C) Sociology of Education	BA-S 7120	75
		<b>Part-II: COMMERCE</b> Paper-7A General Insurance Procedure and Practice	BA-S 7193	75
		<b>Part-II: PUBLIC ADMINISTRATION</b> Paper-7 (A) Leadership Styles and Conflict Management	BA-S 7104	75
		Paper-7 (B) Personality Development and Communication Skills	BA-S 7105	75
		Paper-7 (C) Management of NGO's	BA-S 7106	75

Contd pg No.5



:5:

Date and Day	Time	Subject	Paper Code	Max Marks
12 <sup>th</sup> April, 2023 (Wednesday)	2.00 pm to 5.00 p.m	<b>Part-II: GEOGRAPHY</b> Paper-6 (A) Economic Geography (Common with B.A and B.Sc)	BS-S 7140	75
		Paper-6 (B) Environmental Geography (Common with B.A and B.Sc)	BS-S 7141	75
		Paper-6 (C) Tourism Geography (Common with B.A and B.Sc)	BS-S 7142	75
		Paper-6 (D) Agricultural Geography (Common with B.A and B.Sc)	BS-S 7143	75
		<b>Part-II: COMPUTER APPLICATIONS FOR ARTS / COMMERCE</b> Paper-6 (A) Big data Analytics using R (Common with B.A. and B.Com)	BC-S 7119	75
		Paper-6 (B) Mobile application development (Common with B.A. and B.Com)	BC-S 7120	75
		Paper-6 (C) E-commerce application development (Common with B.A. and B.Com)	BC-S 7121	75
		Paper-6 (D) Multimedia Tools and Applications (Common with B.A. and B.Com)	BC-S 7122	75
		<b>Part-II: GEOGRAPHY</b> Paper-7 (A) Industrial Geography (Common with B.A and B.Sc)	BS-S 7144	75
		Paper-7 (B) Disaster Management (Common with B.A and B.Sc)	BS-S 7145	75
13 <sup>th</sup> April, 2023 (Thursday)	2.00 pm to 5.00 p.m	Paper-7 (C) Resource Geography (Common with B.A and B.Sc)	BS-S 7146	75
		Paper-7 (D) Remote Sensing & GIS (Common with B.A and B.Sc)	BS-S 7147	75
		<b>Part-II: COMPUTER APPLICATIONS FOR ARTS/COMMERCE</b> Paper-7 (A) Data Science Using Python (Common with B.A. and B.Com)	BC-S 7123	75
		Paper-7 (B) Cyber Security and Malware analysis (Common with B.A. and B.Com)	BC-S 7124	75
		Paper-7 (C) Real time governance system (RTGS) (Common with B.A. and B.Com)	BC-S 7125	75
		Paper-7 (D) Digital Imaging (Common with B.A.and B.Com)	BC-S 7126	75

(BY ORDER)

C.A.O, A.U, V.S.P  
Dt -03-2023

  
CONTROLLER OF EXAMINATIONS

**ANDHRA UNIVERSITY**  
**B.COM (CBCS- GENERAL) DEGREE EXAMINATIONS,**  
**(REGULAR CANDIDATES)**

**FIFTH SEMESTER**  
**(w.e.f. 2020-2021 Admitted Batch)**

**MARCH/APRIL-2023.**

**REVISED TIME - TABLE**

DAY, DATE HOURS	PAPER CODE	SERIES	SUBJECTS	Maximum Marks.
<b>SERIES-A: ACCOUNTANCY</b>				
24-03-2023 FRIDAY 02.PM TO 05.PM	BCS-7101	16-A	ADVANCED CORPORATE ACCOUNTING	75
25-03-2023 SATURDAY 02.PM TO 05.PM	BCS-7104	17-A	SOFTWARE SOLUTIONS TO ACCOUNTING	75
24-03-2023 FRIDAY 02.PM TO 05.PM	BCS-7107	18-A	MANAGEMENT ACCOUNTING AND PRACTICE	75
25-03-2023 SATURDAY 02.PM TO 05.PM	BCS-7110	19-A	COST CONTROL TECHNIQUES	75
24-03-2023 FRIDAY 02.PM TO 05.PM	BCS-7113	20-A	STOCK MARKETS	75
25-03-2023 SATURDAY 02.PM TO 05.PM	BCS-7116	21-A	STOCK MARKETS ANALYSIS	75
<b>SERIES-B: SERVICES</b>				
27-03-2023 MONDAY 02.PM TO 05.PM	BCS-7102	16-B	ADVERTISING AND MEDIA PLANNING	75
28-03-2023 TUESDAY 02.PM TO 05.PM	BCS-7105	17-B	SALES PROMOTION AND PRACTICE	75
27-03-2023 MONDAY 02.PM TO 05.PM	BCS-7108	18-B	LOGISTICS SERVICES & PRACTICE	75
28-03-2023 TUESDAY 02.PM TO 05.PM	BCS-7111	19-B	EXPORT IMPORT PROCEDURE & PRACTICE	75
27-03-2023 MONDAY 02.PM TO 05.PM	BCS-7114	20-B	LIFE INSURANCE WITH PRACTICE	75
28-03-2023 TUESDAY 02.PM TO 05.PM	BCS-7117	21-B	GENERAL INSURANCE PROCEDURE AND PRACTICE	75

**P T O**

DAY, DATE HOURS	PAPER CODE	SERIES	SUBJECTS	Maximum Marks.
<b>SERIES-C: E COMMERCE</b>				
29-03-2023 WEDNESDAY 02.PM TO 05.PM	BCS-7103	16-C	DIGITAL MARKETING	75
31-03-2023 FRIDAY 02.PM TO 05.PM	BCS-7106	17-C	SERVICE MARKETING	75
29-03-2023 WEDNESDAY 02.PM TO 05.PM	BCS-7109	18-C	INCOME TAX ASSESSMENT PROCEDURES AND PRACTICE	75
31-03-2023 FRIDAY 02.PM TO 05.PM	BCS-7112	19-C	GOODS AND SERVICES TAX WITH TALLY	75
29-03-2023 WEDNESDAY 02.PM TO 05.PM	BCS-7115	20-C	E COMMERCE	75
31-03-2023 FRIDAY 02.PM TO 05.PM	BCS-7118	21-C	E FILING	75

**B.COM (CBCS-COMPUTER APPLICATIONS)**  
(w.e.f. 2020-2021 Admitted Batch)


DATE, DAY, HOURS	PAPER CODE	SERIES	SUBJECTS	Maximum Marks.
12-04-2023 WEDNESDAY 02. PM TO 05.PM	BCS-7119	6A	BIG DATA ANALYTICS USING R (COMMON WITH B.A., B.SC., B.COM.) COMPUTER APPLICATIONS TIME : 3 HOURS	75
13-04-2023 THURSDAY 02.PM TO 05.PM	BCS-7123	7A	DATA SCIENCE USING PYTHON (COMMON WITH B.A., B.SC., B.COM.) COMPUTER APPLICATIONS TIME : 3 HOURS	75
			OR	
12-04-2023 WEDNESDAY 02.PM TO 05.PM	BCS-7120	6B	MOBILE APPLICATION DEVELOPMENT (COMMON WITH B.A., B.SC., B.COM.) COMPUTER APPLICATIONS TIME : 3 HOURS	75
13-04-2023 THURSDAY 02.PM TO 05.PM	BCS-7124	7B	CYBER SECURITY AND MALWARE ANALYSIS (COMMON WITH B.A., B.SC., B.COM.) COMPUTER APPLICATIONS TIME : 3 HOURS	75
			OR	

PTO

12-04-2023 WEDNESDAY 02.PM TO 05.PM	BCS-7121	6C	E-COMMERCE APPLICATION DEVELOPMENT (COMMON WITH B.A.,B.SC.,B.COM) COMPUTER APPLICATIONS TIME : 3 HOURS	75
13-04-2023 THURSDAY 02.PM TO 05.PM	BCS-7125	7C	REAL TIME GOVERNANCE SYSTEM (RTGS) (COMMON WITH B.A.,B.SC.,B.COM) COMPUTER APPLICATIONS TIME : 3 HOURS OR	75
12-04-2023 WEDNESDAY 02.PM TO 05.PM	BCS-7122	6D	MULTIMEDIA TOOLS AND APPLICATIONS (COMMON WITH B.A.,B.SC.,B.COM.) COMPUTER APPLICATIONS TIME : 3 HOURS	75
13-04-2023 THURSDAY 02.PM TO 05.PM	BCS-7126	7D	DIGITAL IMAGING (COMMON WITH B.A.,B.SC.,B.COM) COMPUTER APPLICATIONS TIME : 3 HOURS	75

(By Order)

University Office  
Visakhapatnam  
Date: -03-2023

  
(T. CHITTI BABU)  
CONTROLLER OF EXAMINATIONS

**ANDHRA UNIVERSITY**  
**B.COM. (CBCS-GENERAL) DEGREE EXAMINATIONS,**  
**SIXTH SEMESTER (SUPPLEMENTARY CANDIDATES)**  
 (w.e.f. 2015-2016 & 2016-2017 admitted batch)  
**MARCH / APRIL - 2023**  
**REVISED TIME-TABLE**

DATE, DAY ,HOURS	SUBJECTS & PAPER CODE	Maximum. Marks
24-03-2023 FRIDAY 02 P.M. TO 05 P.M.	<b>MARKETING</b> PAPER CODE: BCS 3201	75
25-03-2023 SATURDAY 02 P.M. TO 05 P.M.	<b>AUDITING</b> PAPER CODE:BCS 3202	75
27-03-2023 MONDAY 02 P.M. TO 05 P.M.	<b>MANAGEMENT ACCOUNTING</b> PAPER CODE:BCS 3203	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>CLUSTER ELECTIVES-1</u> <u>1.E- COMMERCE</u> <b>E-PAYMENTS SYSTEMS</b> PAPER CODE:BCS 3204	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	<b>SOCIAL MEDIA AND E-MARKETING</b> PAPER CODE: BCS 3205	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>2. RETAILING</u> <b>AGRICULTURAL &amp; RURAL MARKETING</b> PAPER CODE:BCS 3206	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	<b>WAREHOUSE MANAGEMENT</b> PAPER CODE: BCS 3207	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>3. CORPORATE ACCOUNTING</u> <b>FINANCIAL REPORTING</b> PAPER CODE:BCS 3208	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	<b>EMERGING AREAS IN ACCOUNTING</b> PAPER CODE: BCS 3209	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>4. SECURITY MARKET OPERATIONS</u> <b>DERIVATIVES TRADING</b> PAPER CODE: BCS 3210	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	<b>STOCK MARKET REGULATORY FRAMEWORK</b> PAPER CODE: BCS 3211	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>5. BANKING &amp; FINANCIAL SERVICES</u> <b>FINANCIAL SERVICES</b> PAPER CODE:BCS 3212	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	<b>MARKETING OF FINANCIAL SERVICES</b> PAPER CODE: BCS 3213	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>6. TAXATION</u> <b>GOODS &amp; SERVICE TAX AND CUSTOMS ACT</b> PAPER CODE:BCS 3214	75

PTO

29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	TAX PLANNING AND MANAGEMENT PAPER CODE:BCS 3215	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>7. INSURANCE</u> MARKETING OF INSURANCE SERVICES PAPER CODE:BCS 3216	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	INSURANCE REGULATORY FRAMEWORK PAPER CODE:BCS 3217	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>8. LOGISTICS &amp; SUPPLY CHAIN MANAGEMENT</u> SUPPLY CHAIN MANAGEMENT-PRODUCTS PAPER CODE:BCS 3218	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	SUPPLY CHAIN MANAGEMENT-SERVICES PAPER CODE:BCS 3219	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>9. ADVERTISING AND SALES PROMOTION</u> SALES PROMOTION PAPER CODE:BCS 3220	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	DIRECT MARKETING PAPER CODE:BCS 3221	75
28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	<u>10. COMPUTER APPLICATIONS</u> E-COMMERCE APPLICATIONS PAPER CODE:BCS 3222	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	ENTERPRISE RESOURCE PLANNING PAPER CODE:BCS 3223	75

### COMPUTER APPLICATIONS

28-03-2023 TUESDAY 02 P.M. TO 05 P.M.	Tally Paper Code:BCS 3225	75
29-03-2023 WEDNESDAY 02 P.M. TO 05 P.M.	e-Commerce Paper Code:BCS 3226	75
31-03-2023 FRIDAY 02 P.M. TO 05 P.M.	PHP and My SQL Paper Code:BCS 3227	100

(BY ORDER)

C.A.O; AU, VSP  
Date: -03-2023

  
(T. CHITTIBABU)  
CONTROLLER OF EXAMINATIONS