### ANDHRA UNIVERSITY B.Sc.(CBCS) SEMESTER PATTERN DEGREE EXAMINATIONS : OCTOBER /NOVEMBER, 2019

FIRST SEMESTER

		T	IME-TABLE	
Day	Date	Subjec	ets	Max. Mark
Monday 2pm to 5p	4th November, 2019 Partom	-l(i) :	English Paper-I (Common with B.A., B.Sc., B.Com. BBA, BHM & CT) (Admitted Batch 2015-2016	75 BCA and
			General English Paper-I (Common with B.A., B.Sc., B.Com. BBA, BHM & CT) (Admitted Batch 2016-2017	75 BCA and )
Tuesday 2pm to 5p	5th November, 2019 Pa om	nrt-l(ii) :	Telugu or any other – Classical of Modern India Languages (Common with B.A., B.Sc., B.Com. BBA BHM & CT) (Admitted Batch 2015-2016	
			General Telugu or any other – Classical o Modern India Languages (Common with B.A., B.Sc., B.Com. BBA BHM & CT) (Admitted Batch 2016-2017	, BCA and
Wednesda 2pm to 4p	The state of the s	Part-III :	Foundation course (Human Values & Professional Ethics) (Common with B.A.,B.Sc.,B.Com., BBA BHM & CT)(Admitted Batch 2015-2016 and 2	
Thursday 2pm to 4p		Part-III :	Skill Development (Communication & Soft Skills) (Common with B.A.,B.Sc.,B.Com., BBA BHM & CT) (Admitted Batch 2015-2016	
			FOUNDATION COURSE- 2 (Environmental Studies) (Common with B.A.,B.Sc.,B.Com., BBA BHM & CT) (Admitted Batch 2016-2017	50 , BCA and )
Friday 2pm to 5p		art-II (C	Mathematics – Paper-I (Differential Equations) ommon with B.A. & B.Sc.)(Admitted Batch 201	75 (5-2016)
			Mathematics – Paper-I (Differential Equations & Problem and Solving and Sessions)	75

(Common with B.A. & B.Sc.) (Admitted Batch 2016-2017)

Botany - Paper - I (Admitted Batch 2015-2016) 75 (Microbial Diversity, Algae or Fungi)

Botany - Paper - I(Admitted Batch 2016-2017) 75 (Microbial Diversity, Algae or Fungi)

Cant.7

		. 2.	
Saturday 9th 2pm to 5Pm	November, 2019	Physics – Paper – I (Mechanics and Properties of Matter) (Admitted Batch 2015-2016	75
		Physics – Paper – I (Mechanics and Properties of Matter) For Mathematics combination (Admitted Batch 2016-2017	75
		Zoology – Paper-I (Animal Diversity of Invertebrates-I) (Admitted Batch 2015-2016)	75
		Zoology – Paper-I (Animal Diversity and Non-Chordates) (Admitted Batch 2016-2017)	75
Monday 11th 2pm to 5pm	November, 2019	Chemistry – Paper – I (Inorganic, Organic) (Admitted Batch 2015-2016)	75
		Chemistry – Paper – I (Inorganic and Organic Chemistry) (Admitted Batch 2016-2017)	75
		Human Genetics – Paper – I (Basics of Human Genetics) (Admitted Batch 2015-2016 & 2016-2017)	75
		Economics – Paper – 1 (Micro Economics) (Admitted Batch 2015-2016)	75
		Economics – Paper – I (Micro Economics consumer behavior) (Admitted Batch 2016-2017)	75
Tuesday 2pm to 5pm	12th November, 2019	Computer Science – Paper-I (Computer Fundamentals & MS Office) (Admitted Batch 2015-2016)	75
		Computer Science – Paper-I (Computer Fundamental Photo Shop) (Admitted Batch 2016-2017)	75
		Bio-Chemistry – Paper-I (Biomolecules) (Admitted Batch 2015-2016 & 2016-2017)	75
		Nutrition – Paper-I (Basic Nutrition) (Admitted Batch 2015-2016 & 2016-2017	75
		Months regard advances of	Contd:3

Wednesday 2pm to 5pm	13th November, 2019	Micro Biology - Paper-I (Inroductory Microbiology, Microbial Techniques and Biology of Micro Organisms)) (Admitted Batch 2015-2016 & 2016-2017)	75
		Statistics – Paper-I (Desciptive Statistics & Probability) (Common with Mathematics Combination) (Common with B.A. & B.Sc.) (Admitted Batch 2015-2016 & 2016-2017)	75
		Statistics – Paper-I (Common with Non-Mathematics combination) (Common with B.A. & B.Sc.) (Admitted Batch 2015-2016 & 2016-2017)	75
Thursday 2pm to 5pm	14th November, 2019	Fisheries – Paper-I (Biology of Fish) (Admitted Batch 2015-2016 & 2016-2017)	75
		Geology – Paper-I (Physical Geology, Crystallography) (Admitted Batch 2015-2016 & 2016-2017)	75
		Bio-Technology – Paper-I ( Microbiology Cell Biology) (Admitted Batch 2015-2016 & 2016-2017)	75
		Agriculture – Paper-1 (Admitted Batch 2015-2016 & 2016-2017)	75
		Electronics – Paper-I (Basic Circuits) (Admitted Batch 2015-2016)	75
		Electronics – Paper-I (Basic Circuits) (Admitted Batch 2016-2017)	75
		Horticulture – Paper-I (Principals of Horticulture) (Admitted Batch 2015-2016 & 2016-2017)	75

		(By order)	
		(Common with B.A. & B.Sc.) (Admitted Batch 2015-2016 & 2016-2017)	
-pm to apin		(Geography of India)	,,,
Saturday 2pm to 5pm	16th November, 2019	Geography – Paper-I	75
2pm to 5pm		(Introduction to Social Anthropology) (Common with B.A. & B.Sc.) (Admitted Batch 2015-2016 & 2016-2017)	75
Friday	15th November, 2019	Anthropology	12/2

C.A.O., AU, Visakhapatnam Dt:**30**-09-2019

CONTROLLOR OF EXAMINATIONS

## ANDHRA UNIVERSITY

## B.Sc. (CBCS) SEMESTER PATTERN DEGREE EXAMINATIONS : October/ November, 2019 THIRD SEMESTER

## TIME-TABLE

			TIME-TABLE	Max .Marks
Day	Date	Subje	ects	iviax .iviaiks
Thursday 1 2PM to 5Pm	17 <sup>th</sup> October, 2019 1	Part-I :	English Paper-III (Common with B.A., B.Sc., B.Com. BBA, BCA and BHM & CT)	75
Friday 18 2PM to 5PM	8 <sup>th</sup> October, 2019 1	Part-I :	Telugu or any other – Classical of Modern India Languages (Common with B.A., B.Sc., B.Com. BBA, BCA and BHM & CT)	75
Saturday 2PM to 4PM	19 <sup>th</sup> October , 2019 1	Part - III;	Foundation Course -5 (Information Communication Technology Information Communication Technology Information Communication Technology Information Communication Technology Information Communication (ICT-2) (Common with B.A., B.Sc., B.Com. BBA, BCA and BHM & CT)	50 nter Net
Monday 2PM to 4PM	21st October, 2019	Part- III	Foundation Course – 6 (Communication Skills and Soft Skills) (Common with B.A., B.Sc., B.Com. BBA, BCA and BHM & CT)	50
Tuesday 2 2PM to 5PM	2nd October, 2019	Part-II	Mathematics – Paper-III (Abstract Algebra) (Common with B.A. & B.Sc.)	75
			Botany – Paper – III (Plant Taxonomy and Embryology)	75
Wednesday 2PM to 5PM	23rd October, 2	019	Physics – Paper – III (Waves Optics) (For Maths Combination)	75
			Zoology – Paper-III (Cell biology Genetics Evolution)	75
Thursday 2PM to 5PM	24th October, 2019	)	Chemistry – Paper – III (Inorganic Organic Chemistry)	75
			Human Genetics – Paper – III (Human Molecular Genetics)	75
			Economics – Paper – III (Micro Economics National income Employ and Money)	75 ment
			5703.5	Contd2

		(By order)	
Wednesday 2PM to 5PM	30th October, 2019	Geography – Paper-III (Physical Geography - II) (Common with B.A. & B.Sc.)	75
Tuesday 2PM to 5PM	29th October, 2019	Anthropology- Paper-III  (Tribal, Economy Polity and Religion)  (Common with B.A. & B.Sc.)	75
		Horticulture – Paper –III (Production Technology and Fruit Crops)	75
		Electronics – Paper-III (Digital Electronics)	75
		Agriculture – Paper-III (Fundamentals of Entomology)	75
		Bio-Technology – Paper-III (Biophysical Techniques)	75
		Geology – Paper-III (Igneous Petrology and Sedimentlogy)	75
Monday 2PM to 5PM	28th October, 2019	Fisheries – Paper-III (Principals of Aquaculture)	75
		Statistics – Paper-III (Statistical Methods - I) (Common with Non-Mathematics combination) (Common with B.A. & B.Sc.)	75
		Statistics – Paper-III (Statistical Methods) (Common with Mathematics Combination) (Common with B.A. & B.Sc.)	75
Saturday 2PM to 5PM	26 <sup>th</sup> October, 2019	Micro Biology – Paper-III (Microbiology Genetics and Molecular Biology	75 )
		Nutrition – Paper-III (Family Nutrition)	75
		Bio-Chemistry – Paper-III (Enzymology and Bioenergetics)	75
Friday 25 2PM to 5PM	5 <sup>th</sup> October, 2019	Computer Science – Paper-III (Object Oriented Programming using Java)	75

(By order

C.A.O., AU, Visakhapatnam Dt:30-09-2019

CONTROLLER OF EXAMINATIONS.

# ANDHRA UNIVERSITY B.Sc. (CBCS) SEMESTER PATTERN DEGREE EXAMINATIONS : October/November, 2019

#### FIFTH SEMESTER TIME-TABLE

rt-II: MATHEMATICS common with B.A & B.Sc.) uper – V (Ring Theory and Vector Calculus)  rt-II: BOTANY per – V (Cell Biology, Genetics and Plant Breeding) rt-II: MATHEMATICS common with B.A & B.Sc.) cer – VI (Linear Algebra)  rt-II: BOTANY cer – VI (Plant Ecology and Phyto Geography rt-II: PHYSICS (for maths combination) cer – V (Electricity and Magnetism and Electronics)	75 75 75
ommon with B.A & B.Sc.)  sper – V (Ring Theory and Vector Calculus)  rt-II: BOTANY  per – V (Cell Biology, Genetics and Plant Breeding)  rt-II: MATHEMATICS  common with B.A & B.Sc.)  per – VI (Linear Algebra)  rt-II: BOTANY  per – VI (Plant Ecology and Phyto Geography  1-II: PHYSICS (for maths combination)	75
rt-II: BOTANY  per – V (Cell Biology, Genetics and Plant Breeding )  rt-II: MATHEMATICS  common with B.A & B.Sc.)  per – VI (Linear Algebra)  rt-II: BOTANY  per – VI (Plant Ecology and Phyto Geography  1-II: PHYSICS (for maths combination)	
per – V (Cell Biology, Genetics and Plant Breeding )  rt-II: MATHEMATICS  Dimmon with B.A & B.Sc.)  Der – VI (Linear Algebra)  rt-II: BOTANY  Der – VI (Plant Ecology and Phyto Geography  rt-II: PHYSICS (for maths combination)	
per – V (Cell Biology, Genetics and Plant Breeding )  rt-II: MATHEMATICS  Dimmon with B.A & B.Sc.)  Der – VI (Linear Algebra)  rt-II: BOTANY  Der – VI (Plant Ecology and Phyto Geography  rt-II: PHYSICS (for maths combination)	
rt-II: MATHEMATICS  common with B.A & B.Sc.)  coer - VI (Linear Algebra)  rt-II: BOTANY  coer - VI (Plant Ecology and Phyto Geography  1-II: PHYSICS (for maths combination)	75
ommon with B.A & B.Sc.)  oer – VI (Linear Algebra)  rt-II: BOTANY  oer – VI (Plant Ecology and Phyto Geography  1-II: PHYSICS (for maths combination)	75
per – VI (Linear Algebra)  rt-II: BOTANY  per – VI (Plant Ecology and Phyto Geography  1-II: PHYSICS (for maths combination)	
per – VI (Plant Ecology and Phyto Geography 1-II: PHYSICS (for maths combination)	
t-II: PHYSICS (for maths combination)	1
t-II: PHYSICS (for maths combination)	75
per - V (Electricity and Magnetism and Electronic)	75
(Electronics)	13
t-II: ZOOLOGY	
er – V (Animal Bio-Technology)	75
t-II: PHYSICS (for maths combination)	
er - VI (Modern Physics)	75
t-II: ZOOLOGY	7.5
er – VI (Animal Husbandry)	75
-II: CHEMISTRY	7.5
er - V (Inorganic Physical and Organic Chemistry)	75
t-II: HUMAN GENETICS	
er – V (Statistics and Informatics in Human Genetics)	75
-II: ECONOMICS	
er – V(Economics Development Indian Economy	75
-II: CHEMISTRY	75
er – VI (Inorganic Organic and Physical Chemistry)	13
II: HUMAN GENETICS	
er - VI (Stem Cell Technology) (Elective A)	
8	75
r – VI(Indian and Andhra Pradesh Economy)	75
II: COMPUTER SCIENCE	75
r – V (Data Base Management System)	7.5
II: BIO-CHEMISTRY	75
r – V (Physiology Clinical Bio – Chemistry and	
r – V (Physiology Clinical Bio – Chemistry and	75
t 2	t-II: ECONOMICS ber – V(Economics Development Indian Economy I-II: CHEMISTRY er – VI (Inorganic Organic and Physical Chemistry) I-II: HUMAN GENETICS er – VI (Stem Cell Technology) (Elective A) II: ECONOMICS er – VI(Indian and Andhra Pradesh Economy) II: COMPUTER SCIENCE er – V (Data Base Management System) II: BIO-CHEMISTRY er – V (Physiology Clinical Bio – Chemistry and unology)

Friday 25 <sup>th</sup> October, 2019 9AM to 12Noon	Part-II: COMPUTER SCIENCE Paper - VI (Software Engineering)	75
	Part-II: BIO-CHEMISTRY	
	Paper - VI (Molecular Basis of Infectious Diseases	75
	Paper - VI (Elective) Basic Microbiology	75
	Part-II: NUTRITION	"
	Paper - VI (Quantity Food Production Service)	75
Saturday 26st October, 2019 PAM to 12Noon	Part-II: MICROBIOLOGY	75
7881 to 121800ff	Paper - V (Environment and Agricultural Microbiology)	
	Part-II: STATISTICS (Common with B.A. & B.Sc.) for maths combination	75
	Paper - V (Sampling Technique and Design of	
	Experiments)	75
	Part-II: STATISTICS (Common with Non-Mathematics combination)	13
Umb 201 O 1	(Statistical application - I)	
donday 28th October, 2019 PAM to 12Noon	Part-II: MICROBIOLOGY Paper – VI (Microbial Diagnosis and Health Clinics)	75
	Paper - VI (Elective B) Microbial BioTechnology	75
	Part-II: STATISTICS	75
	Paper - VI (Quality and Legibility) for maths combination	"
	Part-II: STATISTICS	75
	(Common with Non-Mathematics combination) (Statistical application – II)	
Fuesday 29th October, 2019 DAM to 12Noon	Part-II: FISHERIES Paper – V (Fish and Shell Fist Diseases)	75
	*	
	Part-II: GEOLOGY Paper V(Indian Geology and Palaeontology)	75
	Part-II: BIO-TECHNOLOGY	75
	Paper – V (Molecular Biology )	
	Part-II: AGRICULTURE	
	Paper – V (Fundamentals of Horticulture of Production Technology of Fruit Crops	75
	Part-II: ELECTRONICS	75
	Paper – V (Microprocessor Intel 8085)	
	Part-II Horticulture Paper V (Floriculture)	75
Wednesday 30th October, 2019 9AM to 12Noon	Part-II: FISHERIES	
ZAM 10 121900H	Paper - VI (Brackish Water Aquaculture and Mariculture) (Elective -A)	75
	Paper - VI (Oramental Fishery (Elective - B)	75
	Part-II: GEOLOGY	
	Paper – VI(Economic Geology (Elective –A)	75

Wednesday 30th October, 2019 9AM to 12Noon	Part-II: GEOLOGY Paper-VI (Ground Water Explorations) Elective –B		
	Part-II: BIO-TECHNOLOGY  Paper – VI r DNA Technology ) (Elective Theory)	75	
	Paper - VI Genetics (Elective Theory)	75	
	Part-II: AGRICULTURE Paper – VI (Dry land farming and water shad	75	
	management) Part-II: ELECTRONICS	75	
	Paper – VI (Electronics Communication)	75	
	Part-II Horticulture Paper – VI (Elective-A) (Production Technology of Species and Condiments)	75	
	Paper-VI(Elective-B) (Extension Methods in Horticulture	75	
Thursday 31st October, 2019 9AM to 12Noon	Part-II: ANTHROPOLOGY (Common with B.A. & B.Sc.)	75	
.,	Paper – V(Theories in Social/Cultural Anthropolgy		
Friday 1st November, 2019 9AM to 12Noon	Part-II: ANTHROPOLOGY Paper – VI(Action Anthoropology	75	
Saturday 2nd November, 2019 9AM to 12Noon	Part-II: GEOGRAPHY (Common with B.A. & B.Sc.) Paper – V(Economic Geography	75	
Monday 4 <sup>th</sup> November, 2019 9AM to 12Noon	Part-II: GEOGRAPHY Paper – VI(Intraction to Remote sensing)	75	

(By order)

C.A.O., AU, Visakhapatnam Dt:**30** -09-2019

CONTROLLER OF EXAMINATIONS