



SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011

Class Lesson Plan

Academic Year 2016-2017 [EVEN Semester]

Department: Zoology (UG)

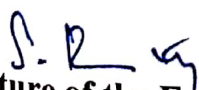
Class	: III-B.SC (Zoology)
Semester	: VI
Name of the Faculty	: S.Mohamed Ramlath Sabura
Title of the Course	: Biostatistics and Computer Applications
Subject Code	: 18UEZO6A
Text books	: Biostatistics and Computer Applications by Dr. Arumugam
Reference books	: Biostatistics and Computer Applications by Gurumani.


Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	07.12.16	B	I	Collection of Data	7.12.16	
2	09.12.16	D	I	primary and secondary data	9.12.16	
3	14.12.16	E	I	primary and secondary data	14.12.16	
4	19.12.16	B	I	-sampling methods	19.12.16	
5	21.12.16	D	I	- Variables - Discrete and continuous	21.12.16	
6	22.12.16	E	I	presentation of Data	22.12.16	
7	29.12.16	B	I	Classification of Data	29.12.16	

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Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
8	31.12.16	D	I	Tabulation - Parts of tables	31.12.16	
9	02.01.17	E		- Diagrams Line diagram, Bar diagram	2.1.17	
10	05.01.17	B		Types of Bar diagram Pie diagram, Histogram	5.1.17	
11	09.01.17	D		Graphs	9.1.17	
12	10.01.17	E		Frequency polygon and frequency curve	10.1.17	
13	18.01.17	B	II	Mean,	18.1.17	
14	20.01.17	D		Mean	20.1.17	
15	23.01.17	E		Mean,	23.1.17	
16	30.01.17	B		Types of Mean	30.1.17	
17	01.02.17	D		median,	1.2.17	
18	02.02.17	E		median,	2.2.17	
18	07.02.17	B		mode	7.2.17	
20	09.02.17	D		standard deviation	9.2.17	
21	10.02.17	E		standard error	10.2.17	
22	14.02.17	B		Variance	14.2.17	


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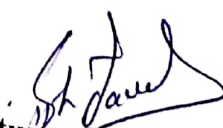
Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
23	16.02.17	D		. Test of Independence- Goodness of Fit- Chi - square test.	16.2.17	
24	17.02.17	E		Probability-definition	17.2.17	
25	22.02.17	B	III	Probability-definition-theories	22.2.17	
26	24.02.17	D		Probability- -theories	24.2.17	
27	27.02.17	E		Binominal poisson and normaldistribution	27.2.17	
28	02.03.17	B		Binominal poisson and normaldistribution	2.3.17	
29	06.03.17	D		students' t' test and applications	6.3.17	
30	07.03.17	E		- correlation and correlation coefficient	7.3.17	
31	10.03.17	B		- correlation and correlation coefficient-	10.3.17	
32	13.03.17	D		simple regression -	13.3.17	
33	14.03.17	E		simple regression	14.3.17	
34	17.03.17	B		ANOVA	17.3.17	
35	21.03.17	D		ANOVA	21.3.17	
36	22.03.17	E		ANOVA -Oneway and two way	22.3.17	

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Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
37	27.03.17	B	V	Alignment of data and summation -	27.3.17	
38	30.03.17	D		Alignment of data and summation -	30.3.17	
39	31.03.17	E		calculation of average and percentage	31.3.17	
40	05.04.17	B		calculation of average and percentage	5.4.17	
41	07.04.17	D		graphic representation	7.4.17	
42	10.04.17	E		graphic representation	10.4.17	
43	13.04.17	B		Revision	13.4.17	
44	19.04.17	D		Revision	19.4.17	
45	20.04.17	E		Revision	20.4.17	


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LESSON PLAN & RECORD OF CLASSES ENGAGED

Course: B.Sc (200)

Class: II B.Sc

Academic year: 2016-2017

Even

Title of the Paper: Plant Physiology & Biochemistry

Semester: IV

Subject Code: SUBTAK1

Sl.No	Date	Order	Unit	Topics planned	Covered on
1.	7-12-16	B	I	Plant Physiology - Introduction	7-12-16
2	9-12-16	D	"	Plant water Relations :- Absorption of water	9-12-16
3.	15-12-16	F	"	Diffusion, Imbibition, osmosis	15-12-16
4.	19-12-16	B	"	Diffusion	19-12-16
5.	21-12-16	D	"	Imbibition, osmosis	21-12-16
6.	27-12-16	F	"	Plasmolysis	27-12-16
7.	29-12-16	B	"	Mechanism of water absorption Active	29-12-16
8.	31-12-16	D	"	Passive absorption	31-12-16
9.	3-1-17	F	"	Ascent of Sap Path & Mechanism	3-1-17
10.	5-1-17	B	"	Cohesion & Transpiration pull theory	5-1-17
11.	9-1-17	D	"	Transpiration - Introduction Types, cuticular, stomatal	9-1-17
12.	11-1-17	F	"	Lenticular & guttation	11-1-17
13.	18-1-17	B	"	Mechanism of stomatal Transpiration	18-1-17
14.	20-1-17	D	"	Anti-transpirant, significance of transpiration	20-1-17
15.	24-1-17	F	II	Photosynthesis ultra structure of chloroplast	24-1-17

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Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	30-1-17 B	II	Pigment systems - Photosystem I & II	30-1-17
17	1-2-17 D	"	2 scheme of e^- transport von Neil hypothesis	1-2-17
18	3-2-17 F	"	Calvin cycle affecting photosynthesis	3-2-17
19	7-2-17 B	III	Respiration - ultra structure of Mitochondria	7-2-17
20	9-2-17 D	"	Types - Aerobic Anaerobic	9-2-17
21	11-2-17 F	"	Glycolysis - krebs cycle	11-2-17
22	14-2-17 B	"	terminal oxidation growth hormone Introduction	14-2-17
23	16-2-17 D	"	Physiological role of Auxin	16-2-17
24	20-2-17 F	"	Physiological role of gibberellin	20-2-17
25	22-2-17 B	IV	Plant Biochemistry - Introduction	20-2-17
26	24-2-17 D	"	Biomolecules - Introduction	24-2-17
27	28-2-17 F	"	Structure & Properties of CHO	28-2-17
28	2-3-17 B	"	Glucose	2-3-17
29	6-3-17 D	"	Maltose	6-3-17
30	8-3-17 F	"	Cellulose	8-3-17
31	10-3-17 B	"	Proteins - Introduction	10-3-17
32	13-3-17 D	"	Functions of Proteins	13-3-17
33	15-3-17 F	"	Types - Primary structure	15-3-17
34	17-3-17 B	"	secondary structure	17-3-17
35	21-3-17 D	IV	Tertiary structure	21-3-17
36	23-3-17 F	IV	Quaternary structure	22-3-17
37	27-3-17 B	IV	"	27-3-17
38	30-3-17 D	V	Techniques in Biochemistry Introduction	30-3-17
39	3-4-17 F	"	colorimetry	3-4-17
40	5-4-17 B	"	"	5-4-17

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Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	7-4-17 D	I	ph metry Chromatography	7-4-17
42	11-4-17 F	"	Paper chromatography - Introductory types	11-4-17
43	13-4-17 B	"	Discussion on unit I & II Questions	13-4-17
44	19-4-17 D	"	Discussion on unit II & III Questions	19-4-17
45	20-4-17 F	"	Discussion on unit IV & V Questions	20-4-17

M. J. J.
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S. J.
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LESSON PLAN & RECORD OF CLASSES ENGAGED

Course: B.Sc., Zoology Class: I Year Academic year: 2016-2017 Even Semester Semester: II

Title of the Paper: Applied Nutrition (Theory) Subject Code: 15UFNA21

Sl.No	Date	Order	Unit	Topics planned	Covered on
1.	7.12.16	B	I	Syllabus Discussion	7.12.16
2.	9.12.16	D	I	Menu planning- Definition , Factors affecting menu planning.	7.12.16
3.	14.12.16	F	I	Assessment of Nutritional status - Direct and Indirect methods	09.12.16
4.	19.12.16	B	I	Anthropometric measurements,	09.12.16
5.	24.12.16	D	I	biochemical examination, Vital Statistics.	14.12.16
6.	22.12.16	E	I	clinical examination	14.12.16
7.	29.12.16	B	I	diet surveys.	19.12.16
8.	31.12.16	D	I	Revision on 1 st chapter	19.12.16
9.	2.1.17	F	II	Energy - Unit of energy	21.12.16
10.	5.1.17	B	II	Bomb calorimeter	21.12.16
11.	9.1.17	D	II	Physiological energy value of food.	22.12.16
12.	10.1.17	E	II	Introduction on Basal metabolic rate and Definition and Factors affecting BMR	29.12.16
13.	18.1.17	B	II	Determination of energy during activity, SDA-Specific Dynamic Action.	31.12.16
14.	20.1.17	D	III	Carbohydrates - Classification and sources.	2.1.17
15.	23.1.17	B	III	CIA-1 (Carbohydrates - functions, and requirements)	5.1.17
16.	30.1.17	D		CIA-1	9.1.17
17.	01.2.17	F		CIA-1 (Revision)	10.1.17
18.	2.2.17	B	III	Lipids - Classification and sources	18.1.17

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19.	7.2.17	D	III	Lipids - functions and requirements.	20.1.17
20.	9.2.17	E	III	Proteins - Classifications, functions	23.1.17
21.	10.2.17	B	III	Proteins - Sources and requirements.	30.1.17
22.	14.2.17	D	III	Proteins energy mal nutrition and kwashiorkor-causes, symptoms and diet therapy.	30.1.17
23.	16.2.17	E	IV	Vitamin A- Deficiency, requirements, functions and sources	1.2.17
24.	17.2.17	B	IV	Vitamin D- Deficiency, requirements, functions and sources	2.2.17
25.	22.2.17	D	IV	Vitamin E- Deficiency, requirements, functions and sources.	7.2.17
26.	24.2.17	F	IV	Vitamin K- Deficiency and requirements functions and sources	9.2.17
27.	27.2.17	B	IV	Water soluble vitamins-vitamin C	10.2.17
28.	2.3.17	D	IV	CIA-II	14.2.17
29.	6.3.17	F	IV	Vitamin B1,B2- Functions, Sources, requirements and deficiency	16.2.17
30.	7.3.17	B	IV	Vitamin B3,B5- Functions, Sources, requirements and deficiency	17.2.17
31.	10.3.17	D	IV	Vitamin B6,B12-Functions, Sources, requirements and deficiency	17.2.17
32.	13.3.17	E	IV	Folic acid- Sources, requirements and deficiency	22.2.17
33.	14.3.17	B	V	Calcium -Functions, Sources, requirements and deficiency	24.2.17
34.	17.3.17	D	V	Phosphorus, Selenium- Functions, Sources, requirements and deficiency	27.2.17
35.	21.3.17	F	V	Iron-Functions, Sources, requirements and deficiency	2.3.17
36.	22.3.17	B	V	Fluorine-Functions, Sources, requirements and deficiency	6.3.17
37.	27.3.17	D	V	Iodine-Functions, Sources, requirements and deficiency	10.3.17

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38.	30.3.17	E	V	Zinc-Functions, Sources, requirements and deficiency	21.3.17
39.	31.3.17	B	V	potassium -Functions, Sources, requirements and deficiency	27.3.17
40.	5.4.17	D		CIA-III (Revision)	31.3.17
41.	7.4.17	E		Revision- unit 1	5.4.17
42.	10.4.17	B		Revision- unit 2	7.4.17
43.	13.4.17	D		Revision- unit 3	10.4.17
44.	19.4.17	E		Revision- unit 4	13.4.17
45.	20.4.17	B		Revision- unit 5	19.4.17


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