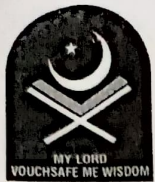


2018-2019 [Even Semester]



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Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : M.Sc. Zoology Class : I year Academic Year : 2018 - 2019 Semester : II
 Title of the Paper : Animal Physiology Subject Code : 18PCZ022
 Theory / Practical Name of the Teacher : Dr. M. P. Delighta Mano Joyce

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	12.12.18 C	I	Introduction to food digestion	12.12.18
2	13.12.18 D	I	Balanced diet & malnutrition	13.12.18
3	14.12.18 E	I	Digestive tract structure	14.12.18
4	17.12.18 F	I	Digestive tract functions.	17.12.18
5	20.12.18 C	I	Secretory functions of digestive tract	20.12.18
6	21.12.18 D	I	Secretory functions of digestive glands	21.12.18
7	26.12.18 E	I	Gastro-intestinal hormones	26.12.18
8	27.12.18 F	I	Carbohydrate metabolism	27.12.18
9	31.12.18 C	I	Protein metabolism	31.12.18
10	2.1.19 D	I	Lipid metabolism	2.1.19
11	3.1.19 E	II	Blood components	3.1.19
12	4.1.19 F	II	Functions of blood	3.1.19
13	9.1.19 C	II	Factors affecting RBC production	4.1.19
14	10.1.19 D	II	Functional anatomy of heart	9.1.19
15	11.1.19 E	II	Cardiac cycle	10.1.19

Text books :

Reference books :

1. Animal Physiology by - Nagabhu Sharanam
2. Animal Physiology by - Agarwal
1. Medical Physiology by K. Sembulingam
- 2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	6					
Internal Test		I st Test Portions 1 1/2 unit	II nd Test Portions 1 1/2 units	III rd Test Portions 1 1/2 units		

Dr. M. P. Delighta Mano Joyce

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Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	21.1.19 F	II	cardiac output	11.1.19
17	24.1.19 C	II	Regulation of Cardio Vasculas function	11.1.19
18	25.1.19 D	II	Blood pressure	21.1.19
19	28.1.19 F	II	Nutrition of the heart	21.1.19
20	29.1.19 F	II	Metabolism of the heart	1.2.19
21	1.2.19 C	II	Coronary circulation	1.2.19
22	4.2.19 D	II	cerebral circulation	4.2.19
23	5.2.19 E	II	Placental circulation	5.2.19
24	6.2.19 F	II	Foetal circulation	6.2.19
25	9.2.19 C	II	Neonatal circulation	6.2.19
26	11.2.19 D	III	Respiration in air & water	11.2.19
27	12.2.19 F	III	Physiology of respiratory tract	11.2.19
28	13.2.19 F	III	Anatomy of Respiratory tract	12.2.19
29	18.2.19 C	III	Gas transport between lungs & tissues	13.2.19
30	19.2.19 D	III	Regulation of respiration	18.2.19
31	20.2.19 E	III	Respiratory adjustments in health	19.2.19
32	21.2.19 F	III	Excretory products	20.2.19
33	26.2.19 C	III	organs of excretion in different animals	21.2.19
34	27.2.19 D	III	Human kidney	26.2.19
35	28.2.19 E	III	Nephron	27.2.19
36	1.3.19 F	III	Renal circulation	28.2.19
37	5.3.19 C	III	Urine formation	1.3.19
38	6.3.19 D	III	Renal disorders	5.3.19
39	7.3.19 F	III	Micturition & dialysis	6.3.19
40	8.3.19 F	IV	Neuron - Structure	7.3.19

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Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	12.3.19 C	<u>IV</u>	Nerve fibres	8.3.19
42	13.3.19 D	<u>IV</u>	Classification & properties of	12.3.19
43	14.3.19 E	<u>IV</u>	Neurotransmitters ^{nerves}	13.3.19
44	15.3.19 F	<u>IV</u>	Synapse	14.3.19
45	20.3.19 C	<u>IV</u>	Reflex activity	15.3.19
46	22.3.19 D	<u>IV</u>	Structure & function of spinal	20.3.19
47	25.3.19 E	<u>IV</u>	Structure & function of ^{cord} brain	22.3.19
48	26.3.19 F	<u>IV</u>	EEG	25.3.19
49	29.3.19 C	<u>IV</u>	Classification & properties of	26.3.19
50	30.3.19 D	<u>IV</u>	Mechanism of muscular ^{muscles} contraction	24.3.19
51	1.4.19 E	<u>IV</u>	Energetics of muscular contraction	29.3.19
52	2.4.19 F	<u>IV</u>	Neuromuscular junction	30.3.19
53	5.4.19 C	<u>IV</u>	Sense Organs - Types	30.3.19
54	8.4.19 D	<u>IV</u>	Organs of vision	1.4.19
55	9.4.19 E	<u>IV</u>	Hearing and equilibrium	2.4.19
56	10.4.19 F	<u>IV</u>	Organ of Corti	2.4.19
57	15.4.19 C	<u>IV</u>	Organ of smell	5.4.19
58	16.4.19 D	<u>IV</u>	Organ of taste	8.4.19
59	18.4.19 E	<u>IV</u>	Cutaneous receptors	9.4.19
60	20.4.19 F	<u>IV</u>	deep & visual sensations	10.4.19

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LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : MSc; ZOOLOGY Class : II MSc Academic Year : 2018 - 2019 Semester : IV
 Title of the Paper : Poultry Science Subject Code : 18PZOCE4B
 Theory / Practical Name of the Teacher : J. SHIFA VANMATHI

Sl.No.	Date & Order	Unit	Topics planned	Covered on
	10.12.18		—	
	11.12.18		—	
	12.12.18 C	I	Introduction - Poultry science	12.12.18
	13.12.18 D	I	Poultry industry in India	13.12.18
	17.12.18 F	I	Progress of 6 years' plan	17.12.18
	18.12.18 A	I	Types of poultry birds	18.12.18
	19.12.18 B	I	choosing commercial layers	19.12.18
	20.12.18 C	I	sexing in one day old chicks	20.12.18
	21.12.18 D	I	Poultry housing - General	21.12.18
	27.12.18 F	I	Location of the farm	27.12.18
	28.12.18 A	I	Construction of Poultry shed	29.12.18
	29.12.18 B	I	layout of broiler farm	29.12.18
	31.12.18 C	I	layout of layer farm	31.12.18
	2.1.19 D	I	General principle - deep litter	2.1.19
	4.1.19 F	I	dropping pit, feeders.	4.1.19

Text books :

Reference books :

1. Poultry Keeping - M.R. Gunaramani
2. Nutrition of chicken - M.L. Scott
2. Diseases of Poultry - Biester

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	8	Unit - V	Unit - IV	Unit - III		
Internal Test	8	I st Test Portions 1 1/2 Unit	II nd Test Portions II - half IV - Unit	III rd Test Portions IV & V Unit.		

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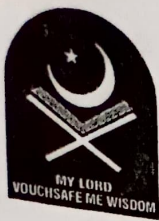
LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
	7.1.19 A	I	Waterers, nest boxes	7.1.19
	8.1.19 B	"	Management of cage birds	8.1.19
	9.1.19 C	"	California cages	9.1.19
	10.1.19 D	"	Management of chicks, growers	10.1.19
	21.1.19 F	"	Management of layers	21.1.19
	22.1.19 A	"	Management of Broilers	22.1.19
	23.1.19 B	II	Poultry manure - Volume	23.1.19
	24.1.19 C	II	Poultry manure - Values	24.1.19
	25.1.19 D	"	Lighting - chicks, growers	25.1.19
	29.1.19 F	"	Lighting - layers & Broilers	29.1.19
	30.1.19 A	"	Summer management	30.1.19
	31.1.19 B	"	Winter management	31.1.19
	1.2.19 C	III	Debeaking	1.2.19
	4.2.19 D	III	Forced moulting	6.2.19
	6.2.19 F	III	Poultry nutrition - Energy	6.2.19
	7.2.19 A	III	Protein requirements	7.2.19
	8.2.19 B	III	Amino acid requirements	8.2.19
	11.2.19 D	"	Symptoms of excessive dietary	11.2.19
	13.2.19 F	"	Symptoms of deficiency	13.2.19
	14.2.19 A	"	Carbohydrate - energy sources	14.2.19
	15.2.19 B	"	Fats - as energy sources	15.2.19
	18.2.19 C	"	Fat soluble vitamins	18.2.19
	19.2.19 D	"	Water soluble vitamins	19.2.19
	21.2.19 F	"	Inorganic minerals - poultry	21.2.19
	22.2.19 A	"	Deficiency symptoms.	22.2.19

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Sl.No.	Date & Order	Unit	Topics planned	Covered on
	25.2.19 B	<u>III</u>	Supplementation of vitamins	25.2.19
	26.2.19 C	<u>III</u>	Supplementation of minerals	26.2.19
	27.2.19 D	<u>IV</u>	Non-nutritive food additives	1.3.19
	28.2.19 E	"	Non- " " "	1.3.19
	1.3.19 F	"	Demerits & merits of additives	1.3.19
	2.3.19 A	"	Food stuffs for poultry	2.3.19
	4.3.19 B	"	South Indian food ingredients	4.3.19
	5.3.19 C	"	Agro industrial by products	5.3.19
	6.3.19 D	<u>IV</u>	Agro industrial by products	6.3.19
	9.3.19 A	"	Protein & A. Acid level	9.3.19
	11.3.19 B	"	Energy sources - Vegetable	11.3.19
	12.3.19 C	"	Animal protein sources	12.3.19
	13.3.19 D	"	mineral & fibre content	13.3.19
	15.3.19 F		Revision - Questions	15.3.19
	20.3.19 C		Unit - I, II Revision	20.3.19
	29.3.19 C		Unit - III, IV Revision	29.3.19
	30.3.19 D	<u>V</u>	Newcastle disease	30.3.19
	1.4.19 E	"	Fowl pox disease	1.4.19
	2.4.19 F	"	Avian leucosis complex	2.4.19
	3.4.19 A	"	Gumboro disease	3.4.19
	4.4.19 B	"	Fowl cholera	4.4.19
	5.4.19 C	"	Coccidiosis and lice	5.4.19
	8.4.19 D	<u>V</u>	Revision	8.4.19

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