

BIOLOGY DEPARTMENT ACADEMIC PLAN - S.Y.J.C. ZOOLOGY 1ST TERM 2018 - 2019

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Dates	18 /06 23/06	25/06 30/06	02/07 07/07	09/07 14/07	16/07 21/07	23/07 28/07	30/07 04/08	06/08 11/08	13/08 18/08	20/08 25/08	27/08 01/09	03/09 08/09	10/09 12/09	18/09 22/09	24/09 29/09	01/10 06/10	08/10 13/10	15/10 20/10	22/10 27/10	29/10 03/11	
MS. KRITI THAKKAR	EXCRETION AND OSMOREGULATION				HUMAN REPRODUCTION								ORGANISMS & ENV-2			HUMAN HEALTH & DISEASES					
	S.Y.J. C Th. Div. C, D	Types of excretion	Human excretory system	Physiology of urine formation	Accessory excretory organs & kid. disor.	Male Repro.Sys	Female Repro. Sys.	Menstrual cycle	Gametogenesis	Fertilization	Embryonic devpt	Pregnancy	Birth control measures	Reproductive health	Adaptation, interaction, biodiversity	biodiversity	Population and its issues, Environmental issues	Concept of immunity	AIDS, Cancer, Alcohol & drug abuse	TERMINAL EXAM	TERMINAL EXAM
	S.Y.J. C Pr.	Journal distribution	Adaptation in desert animals	Adaptation in aquatic animals	Pedigree charts	Study of Pathogens	Study of Pathogens	Histology	Histology	Urine test For sugar	Urine test For urea	Urine test for albumin	Urine test for bile salt	Study of ph of water sample	Study of clarity of water sample	Study of ph of soil sample	Study of clarity of soil sample	Project discussion	Revision	TERMINAL EXAM	TERMINAL EXAM
MS. SANGEETA SALUNKE	EXCRETION AND OSMOREGULATION				HUMAN REPRODUCTION								ORGANISMS & ENV-2			HUMAN HEALTH & DISEASES					
	S.Y.J. C Th. Div. B, E	Types of excretion	Human excretory system	Physiology of urine formation	Accessory excretory organs & kid. disor.	Male Repro.Sys	Female Repro. Sys.	Menstrual cycle	Gametogenesis	Fertilization	Embryonic devpt	Pregnancy	Birth control measures	Reproductive health	Adaptation, interaction, biodiversity	biodiversity	Population and its issues, Environmental issues	Concept of immunity	AIDS, Cancer, Alcohol & drug abuse	TERMINAL EXAM	TERMINAL EXAM
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MS. HEMAL THAKKER	CHROMOSOMAL BASIS OF INHERITANCE				CIRCULATION						ANIMAL HUSBANDRY			HORMONAL CO-ORDINATION							
	S.Y.J. C Th. Div. B, C	Introduction, types of chromosomes	Structure of chromosome	Linkage and crossing over	Sex linked Inheritance	Sex determination and disorders	Blood	Structure of heart	Working of heart	Blood vessels, BP	Heart disorders	Lymph	Dairy, poultry, bee keeping	fisheries	Sericulture, lac culture	Pituitary	Thyroid, Parathyroid	Thymus, Adrenal	Pancreas, Gonads	TERMINAL EXAM	TERMINAL EXAM
	S.Y.J. C Pr.	Journal distribution	Adaptation in desert animals	Adaptation in aquatic animals	Pedigree charts	Study of Pathogens	Study of Pathogens	Histology	Histology	Urine test For sugar	Urine test For urea	Urine test for albumin	Urine test for bile salt	Study of ph of water sample	Study of clarity of water sample	Study of ph of soil sample	Study of clarity of soil sample	Project discussion	Revision	TERMINAL EXAM	TERMINAL EXAM
MR. LAXMAN IANDGE	CHROMOSOMAL BASIS OF INHERITANCE				CIRCULATION						ANIMAL HUSBANDRY			HORMONAL CO-ORDINATION							
	S.Y.J. C Th. Div. A, D	Introduction, types of chromosomes	Structure of chromosome	Linkage and crossing over	Sex linked Inheritance	Sex determination and disorders	Blood	Structure of heart	Working of heart	Blood vessels, BP	Heart disorders	Lymph	Dairy, poultry, bee keeping	fisheries	Sericulture, lac culture	Pituitary	Thyroid, Parathyroid	Thymus, Adrenal	Pancreas, Gonads	TERMINAL EXAM	TERMINAL EXAM

	S.Y.J. C Pr.	Journal distribution	Adaptation in desert animals	Adaptation in aquatic animals	Pedigree charts	Study of Pathogens	Study of Pathogens	Histology	Histology	Urine test For sugar	Urine test For urea	Urine test for albumin	Urine test for bile salt	Study of ph of water sample	Study of clarity of water sample	Study of ph of soil sample	Study of clarity of soil sample	Project discussion	Revision	TERMINAL EXAM	TERMINAL EXAM
MS. KANCHAN GAIKWAD		CHROMOSOMAL BASIS OF INHERITANCE					CIRCULATION						ANIMAL HUSBANDRY			HORMONAL CO-ORDINATION					
	S.Y.J. C Th. Div. E	Introduction, types of chromosomes	Structure of chromosome	Linkage and crossing over	Sex linked Inheritance	Sex determination and disorders	Blood	Structure of heart	Working of heart	Blood vessels, BP	Heart disorders	Lymph	Dairy, poultry, bee keeping	fisheries	Sericulture, lac culture	Pituitary	Thyroid, Parathyroid	Thymus, Adrenal	Pancreas, Gonads	TERMINAL EXAM	TERMINAL EXAM
	S.Y.J. C Pr.	Journal distribution	Adaptation in desert animals	Adaptation in aquatic animals	Pedigree charts	Study of Pathogens	Study of Pathogens	Histology	Histology	Urine test For sugar	Urine test For urea	Urine test for albumin	Urine test for bile salt	Study of ph of water sample	Study of clarity of water sample	Study of ph of soil sample	Study of clarity of soil sample	Project discussion	Revision	TERMINAL EXAM	TERMINAL EXAM
MS. KANCHAN GAIKWAD		EXCRETION AND OSMOREGULATION				HUMAN REPRODUCTION								ORGANISMS & ENV-2			HUMAN HEALTH & DISEASES				
	S.Y.J. C Th. Div.A	Types of excretion	Human excretory system	Physiology of urine formation	Accessory excretory organs & kid. disor.	Male Repro.Sys	Female Repro. Sys.	Menstrual cycle	Gametogenesis	Fertilization	Embryonic devt	Pregnancy	Birth control measures	Reproductive health	Adaptation, interaction, biodiversity	biodiversity	Population and its issues, Environmental issues	Concept of immunity	AIDS, Cancer, Alcohol & drug abuse	TERMINAL EXAM	TERMINAL EXAM
	S.Y.J. C Pr.	Journal distribution	Adaptation in desert animals	Adaptation in aquatic animals	Pedigree charts	Study of Pathogens	Study of Pathogens	Histology	Histology	Urine test For sugar	Urine test For urea	Urine test for albumin	Urine test for bile salt	Study of ph of water sample	Study of clarity of water sample	Study of ph of soil sample	Study of clarity of soil sample	Project discussion	Revision	Terminal exam	TERMINAL EXAM

BIOLOGY DEPARTMENT ACADEMIC PLAN S.Y.J.C ZOOLOGY 2ND TERM 2018- 2019

Week		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Dates		22/11 24/11	26/11 01/12	03/12 08/12	10/12 15/12	17/12 22/12	02/01 04/01	07/01 12/01	14/01 19/01	21/01 25/01	28/01 02/02	04/01 09/02	11/02 16/02	18/02 23/02	25/02 02/03	04/03 09/03	11/03 16/03	18/03 23/03
MS. KRITI THAKKAR		HUMAN HEALTH & DISEASES		ORIGIN & EVOLUTION			GENETIC ENGINEERING & GENOMICS											
	S.Y.J. C Th. Div. C, D	Pathogens & Parasites	Pathogens & Parasites	Origin of life, Organic evolution	Adaptive Radiation	Origin & evolution of man	DNA Fingerprinting	PRELIMS										
	S.Y.J. C Pr.		Study of suspended particulate matter in air	Revision	Revision	Revision												
MS. HEMAL THAKKAR		NERVOUS CO-ORDINATION			GENETIC ENGINEERING & GENOMICS													
	S.Y.J. C Th. Div. B, C	Forebrain	Mid brain, hind brain	ANS, Reflex action, PNS	Eye & Ear	Genomics & HGP	Applications for Human Health	PRELIMS										
	S.Y.J. C Pr.		Study of suspended particulate matter in air	Revision	Revision	Revision												
MS. SANGEETA SALUNKE		HUMAN HEALTH & DISEASES		ORIGIN & EVOLUTION			GENETIC ENGINEERING & GENOMICS											
	S.Y.J. C Th. Div. B, E	Pathogens & Parasites	Pathogens & Parasites	Origin of life, Organic evolution	Adaptive Radiation	Origin & evolution of man	DNA Fingerprinting	PRELIMS										
	S.Y.J. C Pr.		Study of suspended particulate matter in air	Revision	Revision	Revision												
MR. LAXMAN IANDGE		NERVOUS CO-ORDINATION			GENETIC ENGINEERING & GENOMICS		PRELIMS											

MS. KANCHAN GAIKWAD	S.Y.J. C Th. Div. A, D	Forebrain	Mid brain, hind brain	ANS, Reflex action, PNS	Eye & Ear	Genomics & HGP	Applications for Human Health											
	S.Y.J. C Pr.		Study of suspended particulate matter in air	Revision	Revision	Revision												
		NERVOUS CO-ORDINATION				GENETIC ENGINEERING & GENOMICS												
S.Y.J. C Th. Div. E	Forebrain	Mid brain, hind brain	ANS, Reflex action, PNS	Eye & Ear	Genomics & HGP	Applications for Human Health	PRELIMS											

MS. KANCHAN GAIKWAD	S.Y.J. C Pr.		Study of suspended particulate matter in air	Revision	Revision	Revision												
		HUMAN HEALTH & DISEASES		ORIGIN & EVOLUTION			GENETIC ENGINEERING & GENOMICS											
	S.Y.J. C Th. Div. A	Pathogens & Parasites	Pathogens & Parasites	Origin of life, Organic evolution	Adaptive Radiation	Origin & evolution of man	DNA Fingerprinting	PRELIMS										
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