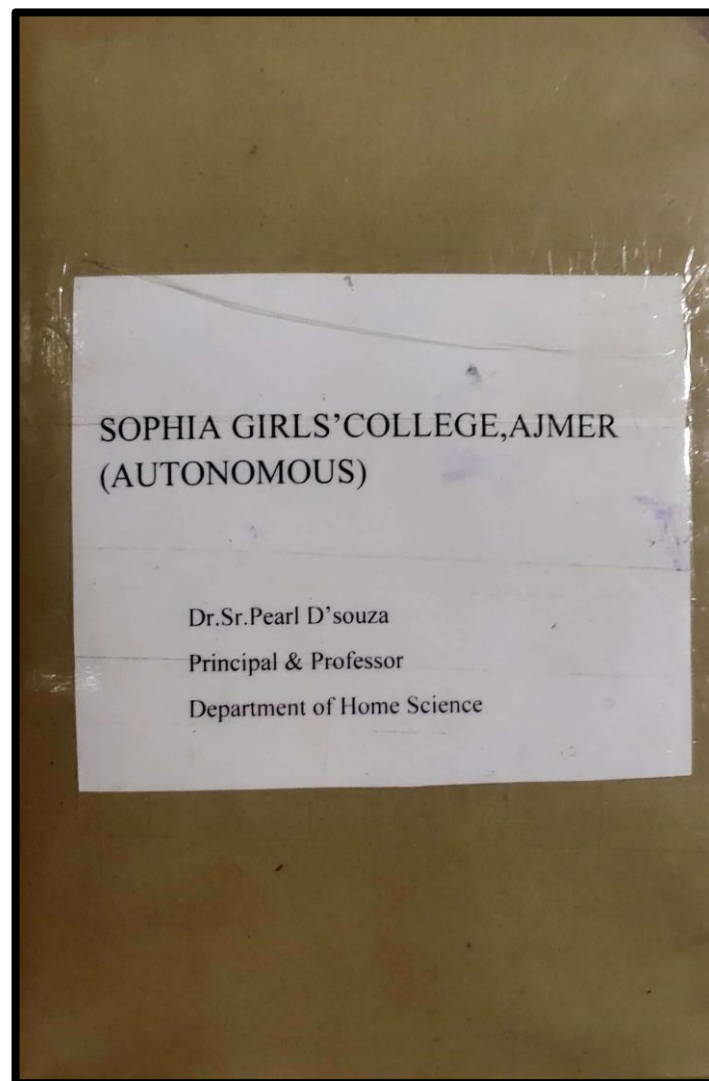




SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER





2019-20

Lesson- Plans



SOPHIA GIRL'S COLLEGE, AJMER (AUTONOMOUS)

**B.A I (SEMESTER I)
Human Physiology –I (PAPER I) -101)**

Max. Marks : 100 (75 Ext, 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 04

COURSE PLAN

SEM I Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	1. Cell: a. Structure and functions of a cell.	To explain the structure and functions of cell	PPT, Chart, Diagrams	Identify the concepts of structure and functions of cells and tissues of the body	<u>Knowledge Based</u> -Define cell and its Structure. -Illustrate the different parts of a cell and tissues	Knowledge--60 Understanding-30 Higher Order-10
	a. Tissues of the body-General characteristics and functions.	To Illustrate the various tissues of the body	Diagrams , Ppt , board	To explain the structure and functions of Heart	<u>Understanding Based</u> - Explain the process of blood clotting.	
	1. Heart: a. Structure and functions of heart and blood vessels. b. Blood pressure c. Pulse rate.	Structure and functions of heart and blood vessels.	Diagrams , Ppt , board		-Classify the different types of tissues . <u>Higher Order</u>	



AUGUST	UNIT II 1. Skeletal system: a. Structure of Bone. b. Functions of bone	To Illustrate and understand the structure and functions of bones.	Diagrams ,Ppt	Illustrate the Structure and functions of different types of bones. Analyze the structure and classification of synovial joints.	1.Explain the structure and functions of Heart in detail 1. - Classify the types of bones and explain each one. 2. Explain the structure and functionsof synovial joints.	
	a. Joints - Classification of joints b. Structure and classification of synovial joints.	Illustrate Structure and classification of synovial joints.	Diagrams, Board			
	1. Respiratory system: a. Structure and functions of all Respiratory organs.	Explain the structure and functions of all Respiratory organs.	Diagrams,			
SEPTEMBER-OCTOBER	UNIT III a. Mechanism of breathing b. External and Tissue Respiration	Illustrate the mechanism of respiration.	Diagrams and Ppt	Analyze the structure and functions of respiratory and digestive organs.	1. Define tissue or internal respiration 2. Explain the process of digestion.	
	6. Digestive system: a. Structure and functions of all digestive organs. b. Mechanism of digestion c. Absorption of proteins, fats and carbohydrates.	Mechanism of digestion and absorption of nutrients	PPT, Demonstration			

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H.SC 201(Human PhysiologyII)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)
Credit: 03

COURSE PLAN

SEM I Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM II January	UNIT I 1 - Excretory system: a. Structure and functions of all excretory organs. b. Composition of urine.	Anatomy and physiology of all excretory organs	PPT, Diagrams	Understanding the structure and functions of all excretory organs	Knowledge Based -Define Nephrons Understanding Based Illustrate the process of urine formation. Higher Order Explain the structure and functions of all excretory organs - Give the functions of skin Explain the structure and functions of skin.	Knowledge--60 Understanding-30 Higher Order-10
January	Unit II 2 - Skin: structure and functions.	To explain the structure and functions of skin To explain the structure and functions of the	Diagrams, ICT	Analyze the structure and functions of skin To develop the understanding	Knowledge Based Define Neurones What is an Reflex arch Understanding	



February	Nervous System: The central nervous system-brain & Spinal cord. Peripheral nervous system; Type of nerves Autonomic nervous system- Sympathetic and Para-sympathetic nervous system. Reflex arc.	Nervous System.	Diagrams, Videos	of the Nervous system	Based What are the types of nerves? Higher Order Explain the structure and functions of Central nervous system.	Knowledge--60 Understanding-30 Higher Order-10
	The Endocrine system : Ductless glands of the body. Hormones – Definition and their role Effect of over and under activity of hormones.	To Illustrate the Endocrine Gland of the Body, and their role.	Chalk and board	To develop understanding of the role of endocrine glands of the body	Knowledge Based Define Endocrine Glands What are Hormones Understanding Based What are the hormones secreted by Thyroid Gland and is their role in the body. Higher Order Why Adrenal Gland is called the suprarenal Gland of the body	
March	UNIT – III 5. Reproductive System:	To Explain the structure and functions of all Reproductive organs.	Diagrams, PPT	To develop understanding of the structure	Knowledge Based Define Fertilization Define	



<p>a. Structure and function of male and female organs</p> <p>b. Spermatogenesis, oogenesis</p> <p>c. Menstrual Cycle & fertilization.</p>			and functions of male and female reproductive organs.	Spermatogenesis
<p>6. Sense organs:</p> <p>a. Eye - Structure and function</p> <p>b. Ear - Structure and function</p> <p>c. Tongue - Structure and function</p> <p>d. Nose - Structure and function</p>	To explain the structure and functions of all sense organs.	Assignment	To develop understanding of the structure and functions of sense organs.	<p>Understanding Based</p> <p>What is Menstrual cycle?</p> <p>Higher Order</p> <p>Explain the structure and functions of female reproductive organs.</p> <p>Knowledge Based</p> <p>What are taste buds?</p> <p>Understanding Based</p> <p>Explain the structure of skin .</p> <p>Higher Order</p> <p>Explain the structure and function of skin.</p>

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