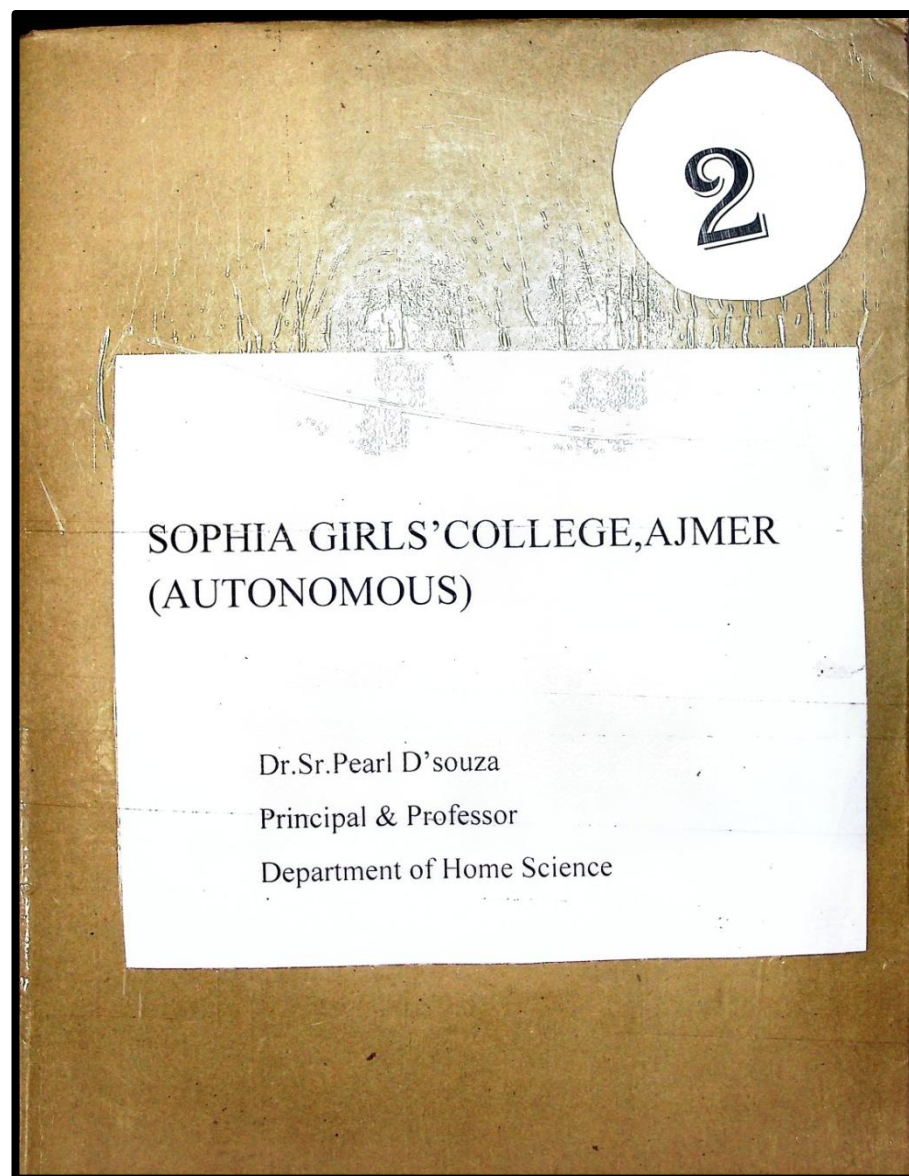




SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER





Department Of Home Science

B.A/ Hons

COURSE PLAN

Session – 2021-22

SEM I



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 End of August	1. Cell: a. Structure and functions of a cell.	To explain the structure and functions of cell	PPT, Chart, Diagrams,videos	Identify the concepts of structure and functions of cells and tissues of the body	Define tissues What are Epithelial 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 , E-content development	To explain the structure and functions of Heart	Discuss the structure of Heart.	
	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 , online videos			

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October	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 synovial joints	Knowledge--60 Understanding-30 Higher Order-10
	a. Joints - Classification of joints b. Structure and classification of synovial joints.	Illustrate Structure and classification of synovial joints.	Diagrams, Presentations, E- content and online videos		
	1. Respiratory system: a. Structure and functions of all Respiratory organs.	Explain the structure and functions of all Respiratory organs.	Diagrams, Presentations, E- content and online videos		
End Of November to last December	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.	
	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, Group Discussion		

Anita Mathur
Head
Department of Home Science
Sophia Girls' College
(Autonomous), Ajmer

Sr Pearl

Sr Pearl
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER



B.A I (SEMESTER II)

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	UNIT I Excretory system: a. Structure and functions of all excretory organs. b. Composition of urine.	Anatomy and physiology of all excretory organs	PPT, Diagrams E Content	Understandin g 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 Based Define Neurones What is an Reflex arch	Knowledge--60 Understanding- 30 Higher Order- 10
	Skin: structure and functions.	To explain the structure and functions of skin	Diagrams, ICT	Analyze the structure and functions of skin		

Sr Pearl



	<p>Unit II 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.</p> <p>The Endocrine system : Ductless glands of the body. Hormones – Definition and their role Effect of over and under activity of hormones.</p>	<p>To explain the structure and functions of the Nervous System.</p> <p>To Illustrate the Endocrine Gland of the Body, and their role.</p>	<p>Diagrams, Videos E Content</p> <p>PPT Presentation s Assignment on Nervous system</p>	<p>To develop the understanding of the Nervous system</p> <p>Types of Nerves</p> <p>To develop understanding of the role of endocrine glands of the body</p>	<p>Understanding Based What are the types of nerves? Higher Order Explain the structure and functions of Autonomic Nervous System.</p> <p>Knowledge Based Define Endocrine Glands What are Hormones. Give the names of the hormones secreted by endocrine glands 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</p>	<p>Knowledge--60 Understanding-30 Higher Order-10</p>

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	UNIT – III 3. Reproductive System: a. Structure and function of male and female organs b. Spermatogenesis, oogenesis c. Menstrual Cycle & fertilization. 4. Sense organs: a. Eye - Structure and function b. Ear - Structure and function c. Tongue - Structure and function d. Nose - Structure and function	To Explain the structure and functions of all Reproductive organs.	Diagrams, PPT	To develop understanding of the structure and functions of male and female reproductive organs.	Knowledge Based Define Fertilization Define Spermatogenesis Understanding Based What is Menstrual cycle? Higher Order Explain the structure and functions of female reproductive organs.	
		To explain the structure and functions of all sense organs.	Assignments And online Presentations	To develop understanding of the structure and functions of sense organs.	Knowledge Based What are taste buds? Understanding Based Explain the structure of skin . Higher Order Explain the structure and function of skin.	

Aneli Mattur
Head
Department of Home Science
Sophia Girls' College
(Autonomous), Ajmer

Sr. Pearl
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Sr Pearl