

SOCH BADLO BY MAK

METS 10th Biology 2025

(Lecturer Ma'am Rubina Ashraf)

Chapter: 10 Gaseous Exchange

Respiration and gaseous exchange (short/MCQS)

Air passage way (Long/short/MCQS)

Advantages of nasal breathing over mouth breathing (short)

Inhalation / Exhalation (diagram/short/long)

Chapter: 11 Homeostasis

Role of homeostasis in plants (short)

Osmotic adjustment in plants (short)

Structure of Nephron (Long)

Function of nephron (long)

Hemodialysis & peritoneal dialysis (short/long)

Chapter: 12 Coordination & Control

Structure of neuron (short/MCQS)

Types of Neuron (short)

Reflex action and reflex arc (short/MCQS)

Structure of human Eye (long)

Structure of Human ear (long)

Location secretion and function of Hormones secreted by different glands (Short/MCQS)

Positive feedback (short)

Chapter: 13 Support and Movement

Role of skeleton in human body (Short)

Bone & cartilage (short)

Types of joints & types of cartilage (short/MCQS)

Mechanism of antagonism in elbow joint (Long)

Bone distribution (long)

Chapter: 14 Reproduction

Budding in yeast (short)

Advantage & disadvantage of vegetative propagation (short/MCQS)

Male & female gametophyte (Long/short)

Hypogeal & epigeal germination (short)

External & internal fertilization (short)

Gametogenesis in Animals (long/MCQS)

Male & female reproductive system of rabbit (long)

Chapter: 15 Inheritance

Characteristics of Pisum sativum (Short)

Law of segregation (long)

Law of independent assortment (long)

Co-dominance & incomplete dominance (short)

Genetic problems (Short)

Continuous & discontinuous variations (Short/MCQS)

Natural selection and artificial selection (short)

Chapter: 16 Man and his environments

Interaction in ecosystem (short/MCQS)

Nitrogen cycle (long + short)

Carbon cycle (long)

Acid rain & global warming (Short)

Chapter: 17 Biotechnology

Fermentation by yeast and bacteria (short/MCQS)

Basic steps of genetic engineering (long)

Achievements of genetic engineering (Long)

Chapter: 18 Pharmacology

Mode of action of medicines Table 18.1 (long/MCQS)

**Effects of narcotics, hallucinogens, sedatives
(Short/MCQS)**

Broad spectrum & narrow spectrum antibiotics (long)

Bacteriostatic and bactericidal antibiotics (short)

Resistance of bacteria against antibiotics (Short)

Mode of action of vaccine (long)

