## Unit # 5 Kingdom Animalia 3. Vertebrates Sunday, July 10, 2022 11:28 AM

## VERTEBRATES

FEATURES	PISCEC	AMPHIBIA	REPTILES (Copulatory Organ)	AVES	Mammalia
INTRODUCTION 4 HABITAT	Palaeozoit Em Aquatic	Palaeozoit Era 14 Vertebreto lond	Mesozoic Era Land environm	Jurrasic Peroid Archaeoptyrex	Cenozoic Era Varanope
RESPIRATION	Gills (Pharngeal region)	Lorva -> Gills Adult -> lungs	Lunge (Spongy)	Lungs (Parabronchi)	Lungs (Alveoli)
CIRCULATORY SYSTEM	2 Chamb Heart Single Circuit	3 Chamb. Heart Double Circuit	4 Chamb Hearl Double Circuit	4 Chamb Heart Right Aartic Arch	4 Chamb Hear Left Nortic Arc
Locomotion	Swimming	. Claws (Swim + Hap)	Efficient locomotion (clau	Wings (Fly)	Pentadacty
TEMPERATURE	Poikilotherm	Poikilotherms Cold Blood	Cold Blood	Homeotherm Vara Blood	Homeothern Warm Blood
EXOSKELETON	Scales	×	Scaly Skin	Feathers	Skin + Nails
DIGESTIVE SYSTEM	Variation in Stemach	Tube like	Tube like	Gizzard (No Teeth)	Holozoic System
EAR	Internal Ear	Internal eq middle	"		External (Ann 3 Bones
Вору	Streamlined (Swim Bladder)	Smooth, Moist Glandular	Dry Scally Skin	Streamlined body	Body with
TYPES	Cyclostoma, Chendre, Osteo	Tailed, Willow Tail	Snake Crocodi lo	Flyinp Runnin <b>g</b>	Ego laying
EXAMPLE	Hap Fish	Fróg , Toad Solamondes	Lizer d Alliódor	Sparrow, Crow	Robbit, Res

PROTOTHERIA	METATHERIA	EUTHERIA
Eợợ layinợ	Pouc hed	Placental
Connecting links	Marsupium	Max · mamalion
Reptiles & mammals	Mostly Primitive	Modern mammali
Spiny Ant Eater	Opposum, Kangrau	Man, Whale

