

# KIPPS PREPARATIONS



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## KINGDOM ANIMALIA

Symmetry

Bilateral (Triphasic) Coelom

Eumetazoa

Protostomes (Mouth from Blastopore)

Coelomate

Gastreales

Phylum: Cnidaria

General Characters

- No tissue organization
- Outer layer: epidermis (Pinnacocytes)
- Inner layer: gastroderm
- Body wall: mesoglea
- Reproduction: asexual (budding)
- Feeding: tentacles
- Locomotion: by creeping
- Respiration: by diffusion
- Excretion: by diffusion
- Sexes: separate
- Development: asexual

Phylum: Mollusca

- Body: dorso-ventral
- Asymmetrical
- Head: cephalopod
- Shell: chitinous
- Locomotion: by siphon
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Annelida

- Body: segmented
- Coelom: true
- Locomotion: by parapodia
- Respiration: by parapodia
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Arthropoda

- Body: segmented
- Coelom: reduced
- Locomotion: by jointed legs
- Respiration: by tracheae
- Excretion: by Malpighian tubules
- Sexes: separate
- Development: asexual

Phylum: Chordata

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Vertebrata

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Mammalia

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Aves

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Reptalia

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Amphibia

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Fishes

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Invertebrates

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Protozoa

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Kingdom

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Kingdom

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Kingdom

- Body: segmented
- Coelom: true
- Locomotion: by notochord
- Respiration: by gills
- Excretion: by nephridia
- Sexes: separate
- Development: asexual

Phylum: Kingdom

- Body: segmented
- Coelom: true
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Phylum: Kingdom

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Phylum: Kingdom

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Phylum: Kingdom

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- Respiration: by gills
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- Development: asexual

Phylum: Kingdom

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- Coelom: true
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Phylum: Kingdom

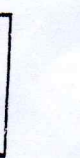
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Phylum: Kingdom

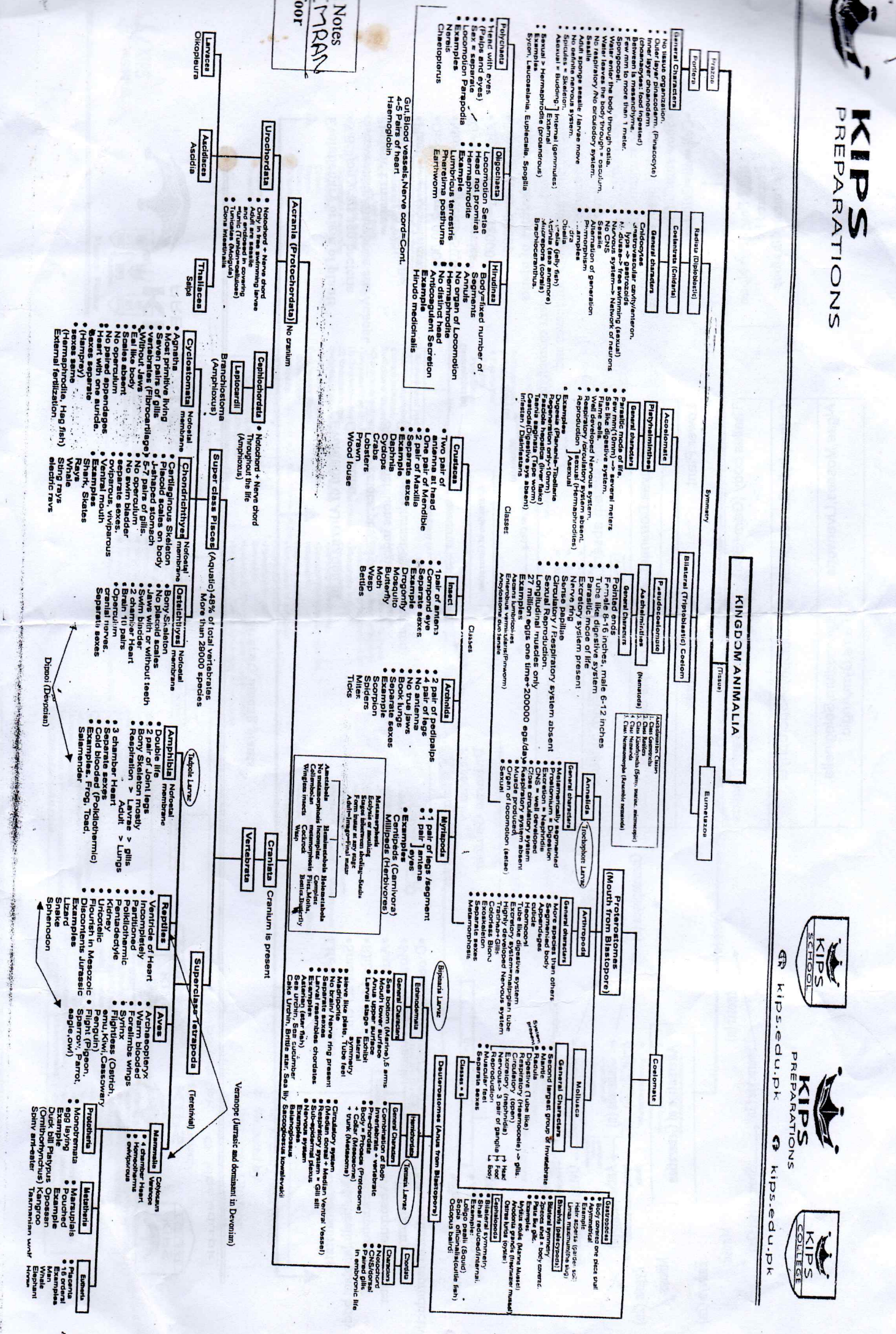
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ST NOTES  
IMRAN  
MIRAN