

I-HEMI-CHORDATA		II-URO-CHORDATA			III-CEPHALO-CHORDATA	IV-VERTEBRATA									Subphyla
1 ENTEROPNEUSTA	2 PTEROBRANCHIA	1 LARVACEA	2 ASCIDIACEA	3 THALIACEA	LEPTOCARDII	1 OSTRACODERMI	2 CYCLOSTOMATA	3 PLACODERMI	4 CHONDRICHTHYES	5 OSTEICHTHYES	6 AMPHIBIA	7 REPTILIA	8 AVES	9 MAMMALIA	Classes
		PROTOCHORDATA (Lower Chordata)				EUCHORDATA (Higher Chordata)									Groups
		ACRANIA				CRANIATA									
						AGNATHA			GNATHOSTOMATA						Divisions
									PISCES			TETRAPODA			Superclasses
									ANAMNIOTA (Lower Vertebrata)			AMNIOTA (Higher Vertebrata)			

Fig. 4. Subdivisions of the phylum Chordata.

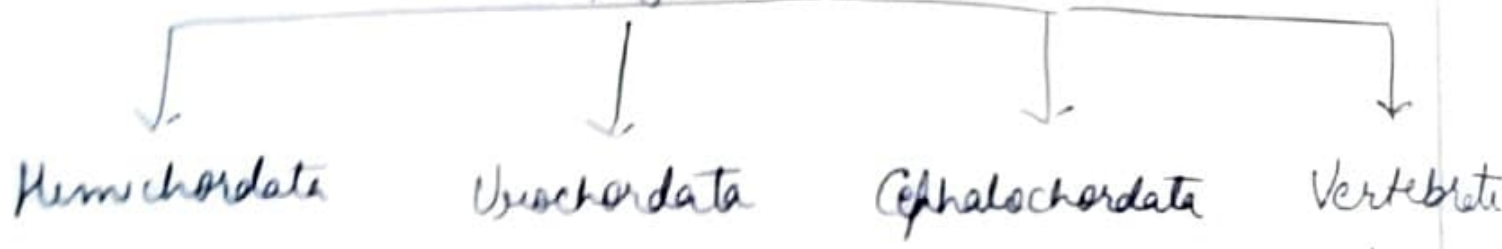
Unit 1st

① Classification & characteristics of protochordata & agnatha

Phylum : Chordata

Presence of Notochord
Nerve chord &
gill slits

4 subphylum



Protochordata
(Lower Chordata)

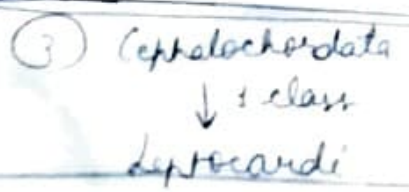
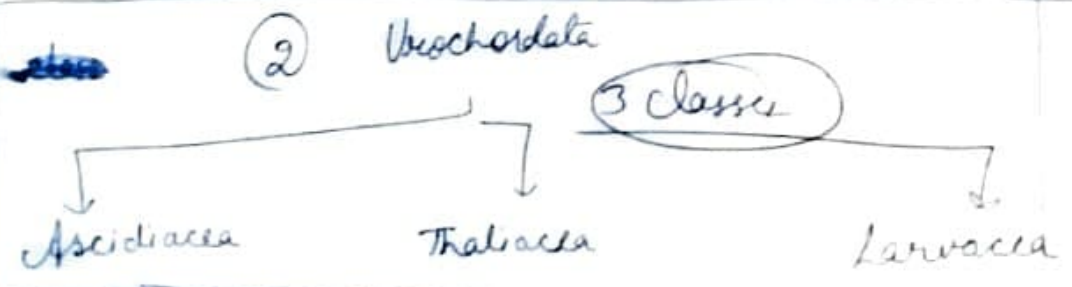
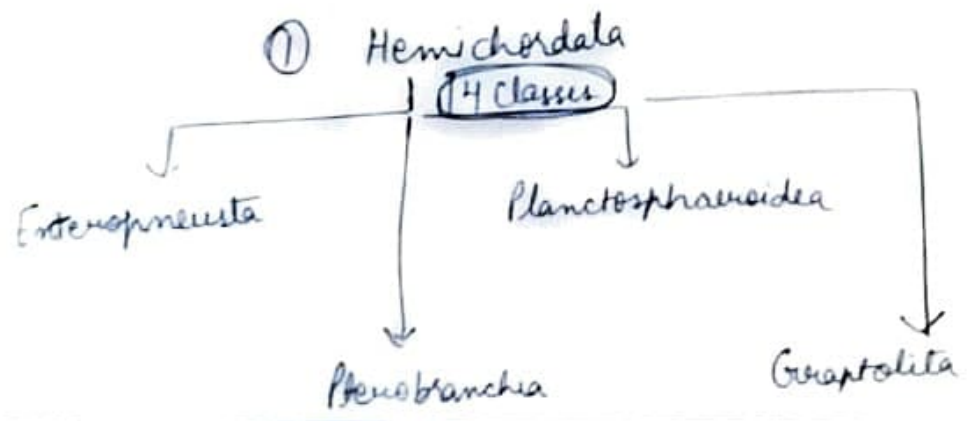
↓
9 classes
in which
① ostracodermi &
② cyclostomata
are agnatha



Agnatha

Classification of Protochordata : → (4)

- Phy - Chordata
- Group - Vertebrata / Protochordata
- Division → Agnatha
- Subphylum →
 - ① Hemi ---
 - ② Uro ---
 - ③ Cephalo ---



Expt No

(5)

Date
Page No

Division Agnatha

(2 classes)

