

Things to know about Lamprey for Lab Exam:

Ammocoetes
Nostril or naris
Pineal Organ
Myomeres
Myosepta
Buccal funnel
Buccal papillae
Caudal and dorsal fins
Horny teeth and Infraoral
Tongue and lingual teeth
Lateral line system
Cloaca
Olfactory sac
Hypophyseal pouch (sac)
Eye and lens
Lingual muscle and cartilage
Oral cavity
Buccal gland
Notochord
Spinal cord = Dorsal nerve cord
Branchial pouch (basket)
Gills and lamellae
Hemibranch and holobranch
Dorsal and ventral aortas
Cardinal veins
Esophagous and intestine
Respiratory tube = branchial tube
Velum
Liver
Heart (sinous venosus, atrium, and ventricle)
Pericardial cavity
Kidney

And when in doubt, say Gonad