

(7) AORTIC ARCHES IN MAMMALS

In mammals also there are three pairs of aortic arches, namely III, IV and VI.

I, II and V aortic arches disappear during development.

The III aortic arch forms the carotid artery, IV aortic arch forms the systemic aorta on the left side only and the VI aortic arch becomes the pulmonary aorta.

The right IV systemic arch disappears except its base remains connected with the subclavian artery.

The ductus arteriosus and ductus carotidus are absent.

External carotid

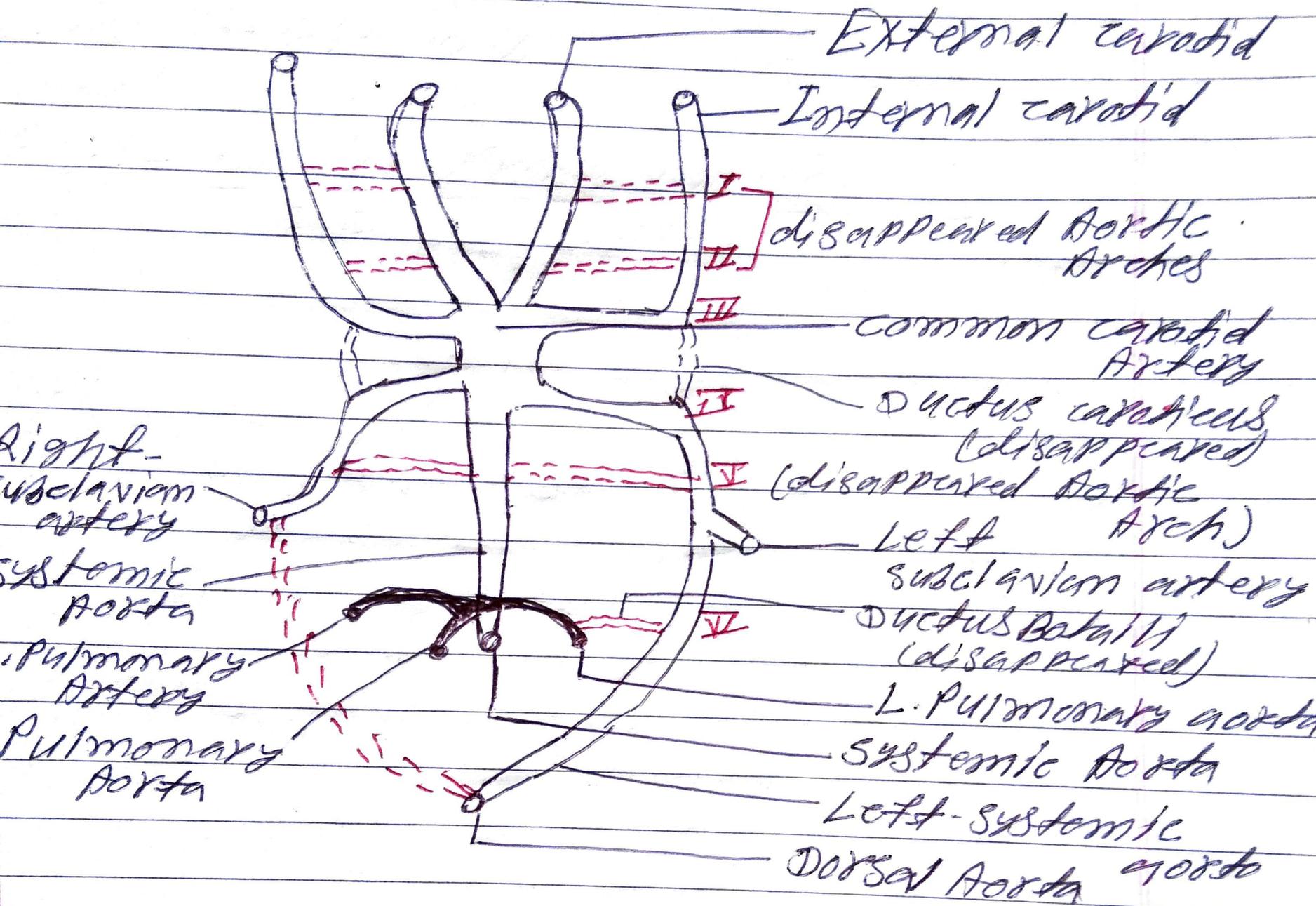


Fig:- Aortic Arches of Mammals.