

Oral Embryology

1. 20%

Please describe the formation of cleft lip and palate and discuss the pathogenesis.

2. 15%

Describe the development of tongue.

3. 40%

Describe intramembranous bone formation and endochondral bone formation.

Where are the sites in skull bone formed by intramembranous bone formation?

Where are the sites in skull bone formed by endochondral bone formation?

4. 5%

Please sequence the following tissues from the highest degree of mineralization to the lowest degree of mineralization: bone, enamel, dentin, cementum.

5. 20%

	embryonic origin of cells (endoderm, mesoderm, neural crest, ectoderm)	name one component of its organic matrix protein
bone	A	E
enamel	F	J
dentin	C	G
cementum	D	H