Tanta University	**Master of Science in ENT**
Faculty of Medicine	**Anatomy Examination**
Human Anatomy& Embryology Dep.	**Number of Questions: 6**
21 /3/2021 Time Allowed: 1.5 Hours	**Total: 30 Marks**

ENT MASTER EXAM.

All questions to be answered
Illustrate your answer with diagram whenever possible:

1. **Outline** the sensory innervation of the mouth cavity. **(4 marks)**

2. **Describe** the structures in the lateral wall of nasal cavity. **(6 marks)**

3. Muscles associated with the auditory ossicles, **Describe** their attachments, innervation, and functions. **(4 marks)**

4. **Describe** the anatomical walls of the tympanic cavity and **describe** their related structures. **(6 marks)**
5. **What** is the embryological origin of the tympanic cavity, auditory tube, and tympanic membrane? **(4 marks)**

6. **A.** You are called as a consultant for a baby with a small mandible and ears. The baby has numerous episodes of pneumonia and is small for its age. **What** might your diagnosis be, and **what** might have caused these abnormalities? **(4 marks)**

   B. What is the otic placode? **Where** does the otic placode form? What structures does it contribute to the inner ear? **(2 marks)**

END OF THE EXAM

Oral and Practical Examination:
On 4/4/2021 at 10 am in the Anatomy department (second floor)

WITH MY BEST WISHES

Committee of the Examination: Prof. Dr. Amal Halawa, Prof Dr. Maysa Fahmy, A.Prof Dr. Rabab Amer.

بسم الله الرحمن الرحيم

Tanta University	**Radiation Physics**
Faculty of Medicine	**Time 3H**
Diagnostic Radiology, 1st Part	**Examiner: Prof. Dr. Galal Zedan Farag**
For Msc. & Dep. 21-03-2021	**Faculty of Science /Physics Department**
٢١-٣-٢٠٢١	

Answer the Following Questions

1-Explain the physical basis and concepts for: - 10 M.

(a) The radiation absorption,

(b) The CT scanner generations.

2- Discuss the Technology for: - 10 M. -

(a) The NMR, and

(b) The Piezoelectricity phenomena applications in Medicine.

3- Compare between: - - 10 M. -

The PET/CT and MRI scanner for determining tissue Characterizations and Classifications.

4- Write on The applications in medicine for: - 15M. –

(a) The radiation dose reduction, and

(b) Radioactive protections methods.

ملاحظه هامه :

الشفوي والتطبيقي في قسم الأشعة فور الانتهاء من النظري

والله ولي التوفيق

استاذ المادة

م.د. جلال زيدان فرج