

Tanta University

ENT Department

19/8/2021

Time: 3 hours

MD Degree of AudioVestibular Medicine

Acoustics

All questions must be answered:

- 1- Two sounds of 10^{-6} w/m² intensity presented simultaneously will have intensity level of 63dB (explain). (9 degrees)
- 2- Write short notes on clinical applications of sound wave phenomena in Medicine. (9 degrees)
- 3- Give short accounts on measurements of non-linear distortion product. (7 degrees)
- 4- Discuss Just-Noticeable Changes in Amplitude. (7 degrees)
- 5- Give short notes on force according to Hooke. (6 degrees)
- 6- Give short account on localization for low frequency sounds. (7 degrees)

Good Luck



DATE: 24/8/2021

Time allowed: 3 hours

Doctorate in Otolaryngology (August 2021)

Semester II

All questions should be answered:

1-Discuss salivary glands tumors. (20 Mark)

**2-Surgical pathology of nasopharyngeal carcinoma.
(20 Mark)**

3-Surgical pathology of CPA tumors.(20 Mark)

4-Give an account on pathology of rhinoscleroma. (20 Mark)

5-Discuss pathology of the thyroid gland tumors. (10 Mark)

Best wishes.....



DATE: 17/8/2021

Time allowed: 3 hours

Doctorate in Otolaryngology (August 2020)

Semester I

All questions should be answered:

1-Surgical anatomy of the pterygopalatine fossa. (20 Mark)

2-The Facial nerve: Describe the surgical anatomy, course and distribution. (20 Mark)

3-Surgical anatomy of the ethmoid bone.(20 Mark)

4-Surgical anatomy of the middle ear. (20 Mark)

5-Surgical anatomy of the parotid glands. (10 Mark)

Best wishes.....