

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

M.S. DEGREE EXAMINATION - April 2019

OTORHINOLARYNGOLOGY

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**PART- I – PAPER- I: APPLIED BASIC SCIENCES IN
OTORHINOLARYNGOLOGY**

Time: Three hours

Maximum: 100 marks

(Answer **ALL** questions)
Draw suitable diagrams wherever necessary

SECTION – A

Write essays on: (1 x 20 = 20)

1. Discuss the role of various mediators in allergic rhinitis and the principles of medical management in allergic rhinitis.

Write short notes on: (5 x 6 = 30)

2. β Hemolytic streptococcus
3. Muco-ciliary mechanism and its role in sinusitis.
4. Surgical Anatomy of Neck spaces
5. CT anatomy of osteo-meatal complex
6. Anatomy of lateral skull base.

SECTION – B

Write essays on : (1 x 20 = 20)

7. Describe physiology of dysphagia and discuss in detail about role of the various investigations in the diagnosis of Dysphagia.

Write short notes on: (5x 6 = 30)

8. Middle ear spaces and its role in development of cholesteatoma.
9. Local anesthetics
10. Autoimmune diseases of inner ear.
11. Embryological anatomy of choanal atresia.
12. Broncho pulmonary segments in relation to Bronchoscopy.
