

**MANIPAL UNIVERSITY****FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2013****SUBJECT: E.N.T. (ESSAY)**

Saturday, December 07, 2013

Time: 10:15 – 11:30 Hrs.

Maximum Marks: 32

1. Describe the etiopathology, clinical features and management of Otitis media with effusion.  
(2+2+2 = 6 marks)
2. Discuss in detail the indications, types, technique and complications of tracheostomy.  
(1+1+2+2 = 6 marks)
3. **Write short notes on:**
  - 3A. Causes of lateral neck swelling
  - 3B. Septal perforation
  - 3C. Obstructive sleep apnea syndrome
  - 3D. Malignant Otitis externa
  - 3E. Plummer-Vinson Syndrome

(4×5= 20 marks)

