

**The West Bengal University of Health Sciences**

**M.S. (Otorhinolaryngology) March-April, 2020 Examination**

**Paper: III**

**Full Marks: 100**

**Time: 3 Hours**

*Attempt all questions*

1. What are indications, functions, classification of tracheostomy. Enumerate various tubes & complications of tracheostomy. 2+2+2+2+2
2. Describe the flow diagram for the investigations of thyroid nodules. What are risk factors for carcinoma thyroid? What are various genes responsible for well differentiated carcinoma? 3+3+4
3. Enumerate various pedicle flaps used in Head neck. 10
4. Describe the anterior midline swellings of the neck. 10
5. Enumerate the causes, sign & symptoms, different staging systems of carcinoma of axilla. 2+2+6
6. Describe the causes, staging & management of subglottic stenosis. 2+3+5
7. Describe various nasal manifestations of systemic diseases. 10
8. Describe the management recurrent respiratory papillomatosis. 10
9. Describe neural plasticity in otology. 10
10. What are objective ways of assessing nasal air way patency? Describe rhinomanometry. 4+6