

OTORHINOLARYNGOLOGY

PAPER - I

ENT/D/13/28/I

Time : 3 hours
Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

1. What is shock? Describe in brief the classification of shock. Discuss in brief the aetiopathogenesis, clinical features and principles of management of septic shock. 2+3+5
2. What is hypercalcaemic crisis? Describe its association with malignancy and its management. 5+(2+3)
3. Describe etiopathogenesis and management of Deep Vein Thrombosis with special emphasis on prevention of DVT. 2+3+5
4. Define and classify tumour markers for Head and Neck malignancies. Discuss their role in squamous cell carcinoma of Head and Neck. (1+3)+6
5. What is "thyroid storm"? Discuss in brief the aetiopathogenesis, clinical features and management of "thyroid storm". Add a brief note on prevention of "thyroid storm". 2+(2+2+2)+2
6. What is Position Emission Tomography (PET)? Enumerate the radioactive drugs used for PET scanning. Discuss in brief the applications of PET scan in the diseases of Head and Neck. 2+3+5
7. What is HAART? Classify the drugs used in treatment of HIV. What are their merits and demerits? 2+4+4
8. Describe in brief the principle of Jet Ventilation. What are its applications in the management of ENT and Head & Neck diseases? Discuss in brief the advantages, limitations and complications of Jet ventilation. 2+2+(2+2+2)
9. Discuss briefly oncogenesis based on molecular, genetic, chemical, viral and radiation basis. 2+2+2+2+2
10. What is "Image Guided Surgery"? Describe in brief the latest technology, advantages and limitations of "Image Guided Surgery". 3+(3+2+2)
