OTORHINOLARYNGOLOGY

PAPER - 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. What is hypercalcaemic crisis? Describe its association with malignancy and its management.

3. Describe etiopathogenesis and management of Deep Vein Thrombosis with special emphasis on prevention of DVT.

4. Define and classify tumour markers for Head and Neck malignancies. Discuss their role in squamous cell carcinoma of Head and Neck.

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”.

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.

7. What is HAART? Classify the drugs used in treatment of HIV. What are their merits and demerits?

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.

9. Discuss briefly oncogenesis based on molecular, genetic, chemical, viral and radiation basis.

10. What is “Image Guided Surgery”? Describe in brief the latest technology, advantages and limitations of “Image Guided Surgery”.

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