

OTORHINOLARYNGOLOGY

PAPER – IV

ENT/D/15/28/IV

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.

Write short notes on:

- | | | |
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| 1. | a) What are hypersensitivity reactions? | 5 |
| | b) Mechanism of anaphylaxis. | 5 |
| 2. | a) Intrinsic pathway of coagulation. | 6 |
| | b) Pre-operative evaluation for coagulation profile. | 4 |
| 3. | a) What is HAART? | 1 |
| | b) Classify drugs used for treatment of AIDS. | 3 |
| | c) Their merits and demerits. | 3+3 |
| 4. | a) What is cervical necrotizing fasciitis? | 1 |
| | b) Etiology, symptoms, complications and treatment of cervical necrotizing fasciitis. | 2+2+2+3 |
| 5. | (a) Define free tissue transfer. | 2 |
| | (b) What are its advantages as compared to pedicle flap in Head & Neck reconstruction? | 8 |

6.	a) Principles of Functional MRI.	3
	b) What is perfusion functional MRI?	4
	c) Uses of functional MRI in otology.	3
7.	(a) Cell Cycle.	4
	(b) What are the chemotherapeutic targets & their site of action?	3+3
8.	Role of gene therapy in Head & Neck cancers.	10
9.	Management of pain, nausea & vomiting, oral problem, dysphagia, stridor & psychological problem in palliative care.	10
10.	Mechanism of action, antifungal spectrum, mode of administration and toxicity of Amphotericin B.	2+2+2+4
