

EMERGENCY MEDICINE**PAPER-III**Time: 3 hours
Max. Marks: 100

EM/J/20/52/III

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:

1. a) Pathogenesis of methanol poisoning. 3+4+3
b) Clinical features of methanol poisoning.
c) Management of methanol poisoning.
2. a) Patho-physiology and management of smoke inhalation. (3+3)+4
b) Clinical utility of hyperbaric oxygen.
3. a) Acute mountain sickness. 3+4+3
b) High-altitude pulmonary edema.
c) High-altitude cerebral edema.
4. a) Approach to wide-complex tachycardia. 5+5
b) Endocarditis prophylaxis in ED.
5. a) Peripheral blood smear examination. 5+5
b) Autoimmune hemolytic anemia.
6. a) Pathogenesis of rabies. 3+3+4
b) Clinical features of rabies.
c) Post-exposure prophylaxis after dog-bite.
7. a) Etiology of community-acquired pneumonia. 2+4+2+2
b) Clinical and radiological features in a patient with pneumonia.
c) CURB-65 score.
d) Outpatient antibiotic therapy for community acquired pneumonia.
8. a) Discuss etiology and assessment of a 25-year-old patient presenting (2+4)+2+2
with fever and altered sensorium.
b) Pathophysiology of cyanotic spells (Tet spells).
c) Management of a child with cyanotic spell.

P.T.O.

EMERGENCY MEDICINE

PAPER-III

9. a) Definition of delirium. 1+3+4+2
b) Etiology of acute delirium in ED.
c) Assessment of a patient with delirium.
d) Pharmacological restraint in an agitated patient in ED.
10. a) Stevens-Johnson syndrome. 5+5
b) Staphylococcal toxic shock syndrome.

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