

**EMERGENCY MEDICINE**

PAPER – III

EM.MEDD/16/52/III

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:

1. a) Enumerate stroke mimics. 2+4+4  
b) Inclusion and exclusion criteria for thrombolysis in acute stroke.  
c) Standard method of thrombolysis in ischemic stroke.
2. a) What are the causes of acute onset of dyspnea with wheezing? 2+3+5  
b) Grading of acute severe asthma.  
c) Modes of non-invasive ventilation, indications and contra-indications.
3. a) What are toxidromes? 2+3+5  
b) Enumerate toxidromes.  
c) Features of various toxidromes.
4. a) Define and classify acute coronary syndrome. 2+3+2+3  
b) Use of cardiac enzymes in diagnosis of acute myocardial infarction.  
c) TIMI Risk Scoring.  
d) Percutaneous coronary intervention vs thrombolysis in ST elevation MI.
5. a) Define upper gastrointestinal bleeding. 1+3+4+2  
b) Enumerate causes of massive upper GI bleeding.  
c) ED management of massive upper GI bleeding.  
d) Pro and cons of different modalities of treatment.
6. a) Clinical features of organophosphorus poisoning. 3+4+3  
b) Outline its ED management.  
c) Give a differential diagnosis of acute flaccid paralysis.

**P.T.O.**

**EMERGENCY MEDICINE**

PAPER – III

7. a) State the RIFLE criteria for classification of acute kidney injury. 3+2+2+3  
b) ECG changes of hyperkalaemia.  
c) Management of hyperkalaemia in the Emergency Department.  
d) Indications for emergent dialysis.
8. a) Pathogenesis and clinical features of staphylococcal toxic shock syndrome. (3+4)+3  
b) Diagnostic criteria of staphylococcal toxic shock syndrome.
9. a) Precipitating factors for thyroid storm. 2+3+3+2  
b) What are the diagnostic criteria for thyroid storm?  
c) Investigations you will do in such a case.  
d) ED management of thyroid storm.
10. a) Enumerate heat emergencies. 2+4+4  
b) Clinical presentation of heat stroke.  
c) Management of heat stroke in the Emergency Department.

\*\*\*\*\*