

**EMERGENCY MEDICINE**

PAPER – II

EM/J/17/52/II

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) Classification of thermal burns based on depth. 3+3+4  
b) Role of 'Nine' in adults.  
c) Fluid requirement in an adult weighing 60 kg with 30% burns.
2. a) List common causes of hemorrhagic shock in a male patient. 3+3+4  
b) Role of tranexamic acid in a patient with trauma.  
c) Complications of "massive transfusion" in trauma.
3. A 20 year old unmarried female patient comes to emergency department with acute severe lower abdominal pain: 2+3+2+3  
a) Enumerate causes of pain in the patient.  
b) Clinical findings helpful in differential diagnosis.  
c) How will you investigate this patient?  
d) Outline management in Emergency department.
4. a) Classify fractures of femur. 2+3+3+2  
b) How will you diagnose fracture neck of femur?  
c) How will you manage a patient with femoral shaft fracture in the ED?  
d) What are the complications of various types of femur fractures?
5. A 35 year old male presents to the emergency department after a road traffic accident. The pre-hospital emergency technician noted a blood pressure of 70 mmg systolic. 3+4+3  
a) How will you manage his airway?  
b) How will you evaluate his breathing during primary survey?  
c) In a patient who is hypotensive due to trauma, what are the probable findings on sonography.
6. a) Various etiological agents producing gas gangrene. 2+2+4+2  
b) Pathogenesis of gas gangrene.  
c) How will you manage gas gangrene in emergency?  
d) Systemic complications related to necrotizing soft tissue infections.

**P.T.O.**

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7. a) Anatomy of rotator cuff around shoulder. 4+3+3  
b) Examination findings of rotator cuff injuries.  
c) How will you investigate a patient with suspected rotation cuff injury?
8. A 55 year old smoker with type 2 diabetes presents to the emergency 3+4+3  
with pain in left leg and discoloration of big toe.  
a) Enumerate the causes & differentials of this presentation.  
b) How would you evaluate this patient in emergency?  
c) Medical management of this patient.
9. A 70 year old patient presents with dysphagia to solids. 3+3+4  
a) Enumerate causes of dysphagia at this age.  
b) How would you evaluate this patient?  
c) Management of acute dysphagia in elderly.
10. A 60 year old hypertensive patient presents with severe headache for 3 3+3+4  
hours.  
a) List different causes of acute headache.  
b) How will you investigate a patient with suspicion of subarachnoid  
haemorrhage?  
c) How will you manage a patient with subarachnoid haemorrhage in  
emergency department?

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