

EMERGENCY MEDICINE

PAPER-II

EM/D/18/52/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:

- Enumerate causes of acute pancreatitis. 2+5+3
 - Describe the methods to assess the severity of acute pancreatitis in ED.
 - Write about only diagnostic studies in patients with suspected acute pancreatitis.
- Describe patho-physiology of otitis media. 3+3+4
 - Write about microbiology of otitis media.
 - Write about acute and long term complications of otitis media.
- Enumerate various causes of acute scrotal pain. 3+4+3
 - Write how to differentiate clinically important causes of acute scrotal pain.
 - Treatment option for testicular torsion in ED.
- Write about anatomy of importance related to epistaxis. 3+7
 - Write about ED management of such cases.
- A 46-year-old patient was brought to ED after 1 hour of accident. On presentation, he is talking incomprehensible words. His vitals are RR: 32 /min, SpO₂-92 % on room air, PR-118/min and BP-88 /60 mmHg. He is opening his eyes to painful stimuli. He withdraws right upper and lower limb on painful stimuli with no movement of the left side. Right pupil is fixed and dilated. 2+4+4
 - What is his Glasgow Coma Scale?
 - Describe stepwise approach to the patient in ED.
 - How will you prevent further brain injuries?

P.T.O.

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6. a) Describe incomplete spinal cord syndromes. 6+4
b) Management of neurogenic shock.
7. A 56-year-old male whose weight is 70 kg, has been brought to your ED with second degree burns involving both upper limbs. He had an unsuccessful attempt trying to save his wife from fire within a closed compartment having cool garments. He is highly agitated and coughing black sputum. 2+3+5
a) What are the initial concerns in managing this case?
b) How will you manage various inhalational injuries produced by smoke?
c) Discuss Parkland formula for fluid resuscitation in such case.
8. A 30-year-old patient is brought in ED with acute loss of vision. 5+5
a) Enumerate causes if patient has painful vision loss.
b) Enumerate causes if he has painless loss of vision.
9. a) Enumerate emergencies in the first 20 weeks of pregnancy. 3+7
b) Write in detail about management of a patient presenting with ectopic pregnancy.
10. a) Define compartment syndrome. 1+2+3+4
b) Write about settings in which it occurs.
c) Write about its clinical presentation.
d) Management of a case of suspected compartment syndrome in case of fracture shaft tibia on the right side.
