

FINAL EXAM
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

EMERGENCY MEDICINE**PAPER-II**

EM/J/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:

1. a) Classify fractures. 2+2+3+3
b) How do the fractures heal?
c) How will you describe radiographic appearance of a long-bone fracture?
d) Principles of splinting of long-bone fractures.
2. a) Enumerate various fractures of radius bone. 2+4+2+2
b) Clinical and radiological features of Smith's fracture.
c) Enumerate complications of Smith's fracture.
d) How do you manage this fracture in ED?
3. a) Classify supracondylar fractures of humerus. 2+2+2+4
b) Clinical presentation of supracondylar fracture.
c) What are the early and late complications of supracondylar fracture?
d) Diagnosis and management of compartment syndrome.
4. A 35-year old man sustained blunt trauma to hip by lateral collision. His B.P. at arrival is 70 mmHg. He has no other obvious injury. You are strongly suspecting pelvic fracture. 2+3+3+2
a) How will you examine this patient with regard to suspected pelvic fracture?
b) How do you classify pelvic fracture?
c) How will you investigate this patient for pelvic fracture?
d) After taking care of ABCD, how will you manage this patient in the ED if he is found to have a pelvic fracture?
5. a) Enumerate emergencies in the first 20 weeks of pregnancy. 2+2+3+3
b) Pathophysiology of ectopic pregnancy.
c) Diagnosis of ectopic pregnancy.
d) Management of a patient with ectopic pregnancy.
6. a) Enumerate various cold injuries. 2+2+3+3
b) Enumerate risk factors precipitating frostbite.
c) How do you classify frostbite injuries?
d) How do you manage victims of frostbite in ED?

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7. a) What are the causes of otalgia? 3+2+3+2
b) Pathophysiology and microbiology of otitis media.
c) Complications of otitis media.
d) ED treatment of otitis media.
8. a) Enumerate causes of acute pain in the right lower quadrant of abdomen. 2+3+2+3
b) Clinical features of acute appendicitis
c) Alvarado score for acute appendicitis
d) Role of Ultrasound in diagnosis of acute appendicitis
9. A 20-year adult male was hit by a cricket ball and sustained blunt trauma to right eye while playing. He presented to ED with severe pain in the eye. 2+3+3+2
a) What are the possible ocular injuries sustained?
b) How will you evaluate this case?
c) Evaluation for ruptured eye globe.
d) Management of ruptured eye globe.
10. A 55-year-old diabetic patient presented with redness and swelling over right leg for two days. 2+2+3+3
a) Enumerate the possible causes.
b) What is the role of ultrasound in this patient?
c) Clinical features of any two causes.
d) Management of such patients in ED.
