



RAN-3842

MD Examination

July - 2020

Emergency Medicine : Paper - I C

MD Emergency Medicine (Applied Basic Sciences)

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दृशविले निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

MD

Name of the Subject :

Emergency Medicine : Paper - I C MD Emergency Medicine (Applied Basic Sciences)

Subject Code No.: 3 8 4 2

Seat No.:

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Student's Signature

Instructions:

- (1) Answer All Questions.
- (2) Each Question carries 10 marks.

1. Discuss acid base disorders. List the causes of high anion gap metabolic acidosis.
2. Compare rapid sequence and delayed sequence intubation.
3. Discuss targeted temperature management in post cardiac arrest care.
4. Management of cardiac arrest in third trimester of pregnancy.
5. Difference between arterial and venous ABG's and applications of a venous ABG in EMD.
6. Describe cardiac cycle.
7. Short note on Diltiazem

8. Describe non cardiogenic pulmonary oedema.
9. How will you manage a case presenting with hyperkalemia.
10. Describe active and passive immunisation in tetanus.



RAN-3843

MD Examination

July - 2020

Emergency Medicine : Paper - II C

MD Emergency Medicine

(Medical Emergencies Including Paediatric, Skin, Psychiatry)

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दृशविले निशानीवाणी विगतो उत्तरवली पर अवश्य लपवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

MD

Name of the Subject :

Emergency Medicine : Paper - II C MD Emergency Medicine
(Medical Emergencies Including Paediatric, Skin, Psychiatry)

Subject Code No.: 3 8 4 3

Seat No.:

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Student's Signature

Instructions:

- (1) Answer All Questions
- (2) Each Question carries 10 marks.

1. Approach to a patient with suspected cerebrovascular accident.
2. Discuss the pathophysiology, clinical features, diagnosis and management of a patient presenting with acute exacerbation of COPD
3. Clinical importance of liver function test. Approach to a patient presenting with jaundice in your ER.
4. Diagnosis and treatment of gastroenteritis in a child with dehydration.
5. Describe Gullian-barre syndrome.

6. How will you approach a patient with suspected child abuse in your ER?
Add a note on POSCO act of 2012.
7. Basic anatomy of adrenal glands, its physiological functions, clinical features and management of adrenal insufficiency and adrenal crisis.
8. Write a note on clinical features and management of panic disorder.
9. Clinical features, complication and management of pyogenic meningitis.
10. Management of acute rheumatic fever.



RAN-3844

MD Examination

July - 2020

Emergency Medicine : Paper - III B (Set - 2)

MD Emergency Medicine

**(Surgical Emergencies Including Orthopaedics, E.N.T, Eye,
Obstetrics, Dental, Anaesthesia, Radiology)**

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दशविल निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

MD

Name of the Subject :

**Emergency Medicine : Paper - III B (Set-2) MD Emergency Medicine (Surgical Emergencies
Including Orthopaedics, E.N.T, Eye, Obstetrics, Dental, Anaesthesia, Radiology)**

Subject Code No.: **3 8 4 4**

Seat No.:

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Student's Signature

- (1) Answer All Questions
- (2) Each Question carries 10 marks.

1. Mention the approach to a patient with maxillo-facial trauma.
2. List the differential diagnosis for acute backache.
3. Write a note on fat embolism.
4. Describe the clinical features diagnosis and management of a case of acute cholecystitis.
5. Discuss the anatomy of the orbit and describe orbital blowout fractures.
6. How will you approach a patient with post-partum haemorrhage?

7. Discuss preeclampsia.
8. Discuss the role of radiology in the diagnosis of stroke.
9. Discuss the anatomy; steps for obtaining surgical airway also enumerate immediate and delayed complications.
10. Discuss the management of a case of hollow organ abdominal perforation.



RAN-3845

MD Examination

July - 2020

Emergency Medicine : Paper - IV A (Set - I)

**MD Emergency Medicine (Disaster Management, Toxicology,
Environmental Injuries and Recent Advances)**

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

MD

Name of the Subject :

Emergency Medicine : Paper - IV A (Set - I) MD Emergency Medicine (Disaster Management, Toxicology, Environmental Injuries and Recent Advances)

Subject Code No.: 3 8 4 5

Seat No.:

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Student's Signature

- (1) Answer All Questions
- (2) Each Question carries 10 marks.

1. Discuss a hospital based disaster plan with respect to incident command system.
2. Describe the stages, diagnosis and treatment of acetaminophen toxicity.
3. Discuss the pathophysiology clinical features diagnosis and treatment of carbon mono oxide poisoning.
4. Write a short note on neonatal and paediatric transport.
5. Discuss the factors to be kept in mind
 - a. Death certificate
 - b. Injury certificate.

6. Describe forced alkaline diuresis.
7. Describe Code Blue protocol.
8. Discuss ATLS in brief.
9. Briefly discuss the management of head trauma
10. Discuss the management of a case of heat stroke.