



N-2106100601010001

M. D. (Emergency Medicine) Examination

June/July - 2021

Emergency Medicine : Paper - I (SETA)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृष्टवित निका-नीवाणी विगतो उत्तरवडी पर अवश्य दपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
M. D. (Emergency Medicine)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Emergency Medicine : Paper - I (SETA)	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....): Nil
2 1 0 6 1 0 0 6 0 1 0 1 0 0 0 1	<input type="text"/>
	Student's Signature

(2) Figures to the right indicate marks

(3) Draw line diagrams wherever necessary

(4) Each question carries 10 marks.

- 1 Draw a labeled diagram explaining the physiological basis of gas exchange.
- 2 Describe Anatomy of coronary circulation using a neatly labeled diagram.
- 3 Describe stages of labor along with physiology of each stage of labour.
- 4 Describe potency and uses of various topical corticosteroids.
- 5 Discuss pharmaco dynamics, mechanism of action, dosage and adverse drug reaction of Amiodarone.

- 6 Describe various stages of wound healing process.
  - 7 Describe and Illustrate normal pathways of coagulation and fibrosis.
  - 8 Describe metabolism and excretion of bile pigments.
  - 9 Draw circle of willis and explain monro kellie doctrine.
  - 10 Explain anatomy and physiology of neuromuscular junction.
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M. D. Examination

June/July - 2021

Emergency Medicine : Paper - II

Time : 3 Hours]

[Total Marks : 100

Instruction :

नीचे दशांशके निशान्नीवाणी विगतो उत्तरवदी पर अवश्य दम्वी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
M. D.

Name of the Subject :  
Emergency Medicine : Paper - II

Subject Code No. : 2 1 0 6 1 0 0 6 0 1 0 2 0 0 0 1

Section No. (1, 2,.....) : Nil

Seat No. :

Student's Signature

- 1 Write about clinical features, differential diagnosis and treatment of Erythema multiforme. 10
- 2 Enumerate Important risk factors for bacterial meningitis, diagnosis and treatment in a child 10 years of age. 10
- 3 Write about Emergency Psychiatric Assessment Steps. 10  
Write about medical evaluation of psychiatric patients. And how to do assessment of harm to self and other in acute psychiatric emergencies.
- 4 Describe febrile seizure. How will you manage a cases of 6 years old child presented with acute onset seizure ? 10
- 5 Describe Patho-physiology of acute coronary syndrome, clinical presentation and management of acute anterior wall myocardial infarction presenting late in resources restricted setting. 10

6	Enumerate causes of acute breathlessness Describe in details about management of acute severe bronchial asthma in elder and elderly.	
7	Enumerate endocrinal emergencies presenting to ED. Describe management of thyroid storm.	4 6
8	Write short notes on : (1) Severity Classification of Covid-19 cases. (2) Treatment options available and recommended management algorithm of moderate and severe covid 19 cases.	3 7
9	Indications: Modes : Monitoring of non invasive ventilator support in ED.	2 4 4
10	Clinical presentation in case of acute non traumatic haemorrhagic stroke. ED management in such cases. How to manage raised intracranial pressure in ED ?	2 4 4



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M. D. Examination

June/July - 2021

Emergency Medicine : Paper - III

Time : 3 Hours]

[Total Marks : 100

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> M. D.	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> Emergency Medicine - III	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....) : Nil
2 1 0 6 1 0 0 6 0 1 0 3 0 0 0 1	<input type="text"/>
	Student's Signature

- 1 How will you manage a 25 years old female patient with acute abdomen in ED ?
- 2 Classification and management of Burns.
- 3 Describe in detail about management of acute traumatic brain injury.
- 4 Classification of pelvic fractures and its management.
- 5 Diagnosis and management of patient with blunt abdominal trauma.
- 6 Acute radiation syndrome.
- 7 A 35 years old male patient presents with history of blunt chest trauma. Discuss approach and management.
- 8 Epistaxis
- 9 Ocular chemical burns.
- 10 Facial fractures.

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M. D. Examination

June/July - 2021

Emergency Medicine : Paper - IV (SETA)

Time : 3 Hours]

[Total Marks : 100

**Instruction :**

नीचे दशांशके निशानवाणी विगतो उत्तरवडी पर अवश्य कपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
M. D.

Name of the Subject :  
Emergency Medicine - IV (SETA)

Subject Code No. : 2 1 0 6 1 0 0 6 0 1 0 4 0 0 0 1

Section No. (1, 2,.....): Nil

Seat No. :  
[ ] [ ] [ ] [ ] [ ] [ ]

Student's Signature

- 1 How would you notify death to deceased patient's family according to GRIV\_ING method of death notification.
- 2 Describe
  - (a) Gastrointestinal Decontamination Procedures
  - (b) Enhanced elimination Procedures and
  - (c) Extracorporeal Removal Techniques used in case of poisoning
- 3 Identification and management criteria for large vessel occlusion in ischemic stroke.
- 4 Write in detail about Therapeutic temperature management.
- 5 An explosion has taken place in large chemical factory during working hours. Draw a basic layout plan for incident site.
- 6 How ECMO works ? Write indications, types and components of ECMO therapy.

- 7 Write about clinical features and management of poisonous snake bite.
- 8 Write about role of POCUS lung in grading severity of Covid-19 lung involvement.
- 9 Write high altitude medical problems and their management.
- 10 Describe Pathophysiology, Clinical Features and Management of Blast Injuries.