



BB-2106100601010001

M. D. Examination

April - 2022

Emergency Medicine : Paper - I

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशकेल निशानीवाणी विगतो उत्तरवली पर अवश्य लभवी. Fillup strictly the details of signs on your answer book. Name of the Examination :	Seat No.:
M. D.	<input type="text"/>
Name of the Subject :	<input type="text"/>
Emergency Medicine : Paper - I	<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	Student's Signature

- (2) Attempt all questions.
- (3) All quesitons carry equal marks.
- (4) Write to the point and draw diagrams wherever applicable.

- 1 Anatomy of Larynx and predictors of difficult intubation. 5+5
- 2 Draw oxygen dissociation curve. Explain the clinical relevance of its shape and Describe the factors that shift the curve to the left or right. 2+3+5
- 3 Discuss cerebral autoregulation and Various methods of monitoring and reducing increased intracranial pressure. 5+5
- 4 Describe physiological changes in elderly. Write its implications in trauma. 5+5
- 5 Pathophysiology of hypertensive crisis and its management in emergency department. 5+5
- 6 Discuss causes, ECG changes and management of hyperkalemia. 3+3+4

- 7 Discuss pathophysiology, clinical features and management of anaphylaxis in emergency department. 3+3+4
- 8 What is confidence interval? Discuss its significance. 4+6
- 9 Write short notes on : 10
- (a) Fresh frozen plasma
 - (b) Amiodarone
 - (c) Norepinephrine
- 10 Write types of Research methodology. Discuss observational research methods in detail. 5+5
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M. D. Examination

April - 2022

Emergency Medicine : Paper - II

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दर्शावेल निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी. Fillup strictly the details of signs on your answer book. Name of the Examination :	Seat No. :
<input type="text" value="M. D."/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Subject :	<input type="text" value="Student's Signature"/>
<input type="text" value="Emergency Medicine : Paper - II"/>	
Subject Code No. : <input type="text" value="2 1 0 6 1 0 0 6 0 1 0 2 0 0 0 1"/> Section No. (1, 2,.....) : <input type="text" value="NIL"/>	

- (2) Each question carries 10 marks.
(3) Write to the point and draw figure whenever appropriate.

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|---|---|-----|
| 1 | Enumerate common causes of hypothyroidism. | 2 |
| | Clinical features of hypothyroidism and myxedema. | 2 |
| | Medical management of myxedema crisis | 4 |
| 2 | Approach to agitated and violent patient in Emergency Department. | 10 |
| 3 | Risk stratification and management for a patient with low probability Acute Coronary Syndrome. | 10 |
| 4 | Write about toxic epidermal necrolysis and steven Johnson syndrome. | 5+5 |
| 5 | Write on ole of NIV (non invasive ventilator) in ED (emergency department), indications, setting up, monitoring, drawbacks. | 10 |

- 6 Assessment of severity of acute episode of asthma and treatment of near fatal asthma. 10
- 7 A 20 years old presents with recurrent seizures and altered sensorium for 8 hours. He has a GTCS in ed also. How will you rapidly assess and manage this case. Enumerate the causes of status epilepticus. What are the indications of CT scan for seizure case in ED. 10
- 8 Rifle criteria for AKI, lab investigations and management. 10
- 9 Enumerate skin manifestations of HIV/AIDS and describe in details about Herpes Zoster. 10
- 10 (a) What is routine new-born care? 5
- (b) How will you clinical evaluate dehydration in children? 5
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M. D. Examination

April - 2022

Emergency Medicine : Paper - III

Time : Hours]

[Total Marks :

Instruction :

नीचे दशांकेन निशानीवाणी विषयको उत्तरवली पर अवश्य लभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. D.

Name of the Subject :
Emergency Medicine : Paper - III

Subject Code No. : 2 1 0 6 1 0 0 6 0 1 0 3 0 0 0 1

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

Seat No. :

Student's Signature

- 1 Enumerate differential diagnosis of right lower quadrant 3+3+4 pain. Write on modified Alvarado score. Write on Laboratory testing and imaging of acute appendicitis.
- 2 Flail Chest 10
- 3 Emergency department treatment of Head injury. 10
- 4 A 15 years old presents with acute scrotal pain in left scrotum. What are the differential and management of this patient. 10
- 5 List the peripheral and central causes of vertigo. Write on Benign Paroxysmal positional vertigo. 3+7
- 6 Acute angle-closure glaucoma. 10
- 7 Enumerate various level of proximal hip fracture and describes clinical presentation of proximal hip fractures in ED. Write on Posterior Hip dislocation and reduction technique. 5+5
- 8 Mandible dislocation. 10
- 9 Clinical features and management of local anaesthetic toxicity. 10
- 10 Hyperemesis Gravidarum. 10



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M. D. Examination

April - 2022

Emergency Medicine : Paper - IV

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांश के निशानीवाणी विगतो उत्तरवही पर अग्रश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
M. D.	<input type="text"/>
Name of the Subject :	<input type="text"/>
Emergency Medicine : Paper - IV	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....):
2 1 0 6 1 0 0 6 0 1 0 4 0 0 0 1	NIL
	Student's Signature

- (2) Attempt all questions.
 - (3) All questions carry equal marks (10 marks).
 - (4) Write to the point and draw diagrams wherever applicable.
- 1 Describe Triage in mass casualty. Discuss about hospital 4+6 disaster preparedness and planning.
 - 2 Discuss pathophysiology, clinical features, diagnosis and management of acid poisoning. 10
 - 3 Write criteria for diagnosis of brain stem death. 4
Discuss on relevant aspects of organ donation after death. 6
 - 4 Discuss Ethical and Legal issues in emergency department. 10
 - 5 Discuss various inhalation injuries and its management. 10
 - 6 Discuss crush injury and crush syndrome. 10
 - 7 Role of ultrasonography in non-trauma patients in emergency department. 10

- 8 The potential impact of COVID 19 virus on the heart and the circulatory system and preventive measures. 10
 - 9 Pathophysiology and clinical implications of Veno-arterial PCO₂ gap. 10
 - 10 Discuss ARDS new Berlin criteria and ventilator settings. 5+5
Discuss awake prone positioning in COVID 19 hypoxemic respiratory failure.
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