

National Board of Examinations

Question Paper Name :	Diploma Family Medicine Paper2
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Diploma Family Medicine Paper2

Group Number :	1
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Diploma Family Medicine Paper2

Section Id :	3271872650
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
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Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872654
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718727174 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mrs. P, 44-year-old, presents with upper abdominal pain and vomiting since 12 hours. She reports her pain as very severe and is unable to tolerate even fluids. On examination, she is clammy, pulse rate of 110/min, blood pressure of 88/52 mmHg. She has diffuse abdominal tenderness and guarding:

- Enumerate the causes of acute abdominal pain. [4]
- What are the focused investigations that will help in management of this patient? [2]
- What are the imaging modalities used in evaluation of acute abdominal pain with their indications? [2]
- Write about the immediate management in this patient. [2]

Question Number : 2 Question Id : 32718727175 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mr. K, 56-year-old, on treatment for type 2 diabetes since 16 years, presents with left leg swelling and pain since 2 days. On examination, the left leg has redness, swelling, tenderness and warmth, with an ulcer (1x1cm) over the mid anterior leg and multiple clear blebs:

- a) What is the most probable diagnosis and common differentials? [2]
- b) What are the causes for diabetic leg infections? [4]
- c) What are the goals of management of diabetic leg infections? [4]

Question Number : 3 Question Id : 32718727176 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mrs. G, 70-year-old, presents with history of fall 2 days ago. She reports of severe pain in her lower back radiating to her right knee. She is unable to sit in the waiting area due to the pain:

- a) What are the red flags for back pain in history and examination? [4]
- b) What are specific clinical tests used in assessment of acute low back pain? [3]
- c) What are the indications for imaging and recommended modality of imaging in acute low back pain? [3]

Question Number : 4 Question Id : 32718727177 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mr. T, 50-year-old, presents after a nail prick to his right heel few hours ago. He still feels foreign body sensation and pain at the site of nail prick. You plan to explore by giving an ankle block:

- a) Draw the nerve supply of ankle and foot. [3]
- b) Explain the steps of ankle block. [4]
- c) What are the contraindications and complications of ankle block? [3]

Question Number : 5 Question Id : 32718727178 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mrs. S, 50-year-old, presents with a painless lump in her right breast for the past 3 months:

- a) What are the clinical features of malignant breast lump? [4]
- b) What are the risk factors for developing carcinoma breast? [2]

c) How would you approach this person? [4]

Question Number : 6 Question Id : 32718727179 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mr. V, 26-year-old, was involved in an accident while driving a two-wheeler 2 hours ago. He is brought with headache and vomiting:

- a) What are the symptoms and signs of traumatic brain injury? [4]
- b) What are the components of Glasgow Coma Scale and their scoring? [4]
- c) What are the indications for cervical spine X-ray in trauma? [2]

Question Number : 7 Question Id : 32718727180 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Miss. T, 23-year-old, spilled hot water over her anterior chest and abdomen and right upper limb and reports severe pain. She has developed blisters over the area. She presents 6 hours after the injury and has applied coconut oil over the area. Her weight is 50 kilograms:

- a) What is the "Rule of nine" and the extent of burns in this patient? [3]
- b) Explain the immediate management of this patient? [3]
- c) What are the complications of burns? [2]
- d) What are the indications for referral to higher center in a burns patient? [2]

Question Number : 8 Question Id : 32718727181 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mr. M, 44-year-old, welder by profession presents with pain and redness of right eye for past few hours:

- a) Enumerate the causes of acute red eye. [3]
- b) What are the clinical features of corneal ulcer? [3]

c) Write about management of corneal ulcer in family medicine and indications for referral? [4]

Question Number : 9 Question Id : 32718727182 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mrs. V, 37-year-old, presents with decreased hearing in her left ear since past few months. She had history of intermittent ear discharge in her left ear since many years:

- a) What are the types of otitis media and their clinical features? [4]
- b) What are the common causes of hearing loss in the elderly? [2]
- c) How would you assess hearing loss in the elderly? [4]

Question Number : 10 Question Id : 32718727183 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mr. G, 50-year-old, fell into a sewage drain under the influence of alcohol. He is conscious with stable vitals. He has a lacerated wound measuring 5x2x1 centimeters on his right calf which is covered with dirt:

- a) What injuries would you look for in an open wound to rule out any compromise in the the leg below? [3]
- b) Explain the tetanus prophylaxis guidelines for traumatic wounds. [3]
- c) What are the steps in early management of any trauma? [4]