

National Board of Examinations

Question Paper Name :	DNB Family Medicine Paper1
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DNB Family Medicine Paper1

Group Number :	1
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DNB Family Medicine Paper1

Section Id :	327187485
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187489
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271873341 Question Type : SUBJECTIVE

Correct Marks : 10

A 30-year-old clerk in a warehouse presents to you with history of episodes of cough and shortness of breath for the past few months. He has no history of fever or loss of weight or appetite. On examination, his vitals are stable and systemic examination is unremarkable except for bilateral rhonchi in the chest. You suspect that he has asthma.

- What is the pathophysiology of bronchial asthma? [2]
- How will you confirm the diagnosis? [2]
- How will you manage him? [2]
- How will you explain the role of a preventor and a reliever in using Metered Dose Inhalers (MDIs) for this treatment? [2]
- List the steps in the use of an MDI with a spacer. [2]

Question Number : 2 Question Id : 3271873342 Question Type : SUBJECTIVE

Correct Marks : 10

A 21-year-old student presents with headache for the past few months.

- Write briefly on the history that you will elicit and the significance of each aspect of the history. [2]
- What clinical features will you examine for? [2]
- List the indications for imaging in a patient presenting with acute headache. [2]
- What is the treatment of acute migraine attack? [2]
- Write briefly on drug prophylaxis for migraine. [2]

Question Number : 3 Question Id : 3271873343 Question Type : SUBJECTIVE

Correct Marks : 10

A 28-year-old labourer who was brought to you by his family to the community health centre where you are working with history of generalized seizures. He is an alcoholic and was not able to drink for 2 days due to the lockdown. He is conscious and oriented now but is wearing dirty clothes and looks as if he has not taken a bath for few days.

- a) Write briefly the differential diagnosis for the seizures in this man. [3]
- b) Symptoms, signs and management of alcohol withdrawal. [7]

Question Number : 4 Question Id : 3271873344 Question Type : SUBJECTIVE

Correct Marks : 10

Write short notes on the aetiology, clinical features, investigations and treatment of Vitamin B-12 deficiency. [2+2+2+4]

Question Number : 5 Question Id : 3271873345 Question Type : SUBJECTIVE

Correct Marks : 10

A 75-year-old man is brought to you by his family as he has lost about 5 kilograms in the past 1 month.

- a) Define significant weight loss in the elderly over 1 month, 3 months and 6 months. [1]
- b) What history will you elicit to find the cause of weight loss? [2]
- c) What clinical features will you examine for? [4]
- d) Write short notes on investigations to assess the loss of weight. [3]

Question Number : 6 Question Id : 3271873346 Question Type : SUBJECTIVE

Correct Marks : 10

A 40-year-old man who came to your clinic for a health check up, was found to have a blood pressure of 210/120. He is not a known hypertensive.

- a) Write briefly on the history and physical examination to assess the causes and complications of his hypertension. [3]
- b) What investigations will you order? [2]
- c) Outline the non-pharmacological and pharmacological management of hypertension. [5]

Question Number : 7 Question Id : 3271873347 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Respiratory and non-respiratory symptoms of COVID-19 infection. [5]
- b) Outline home based care for a patient with mild COVID-19 infection. [5]

Question Number : 8 Question Id : 3271873348 Question Type : SUBJECTIVE

Correct Marks : 10

Clinical features, diagnosis and management of gout. [3+2+5]

Question Number : 9 Question Id : 3271873349 Question Type : SUBJECTIVE

Correct Marks : 10

Aetiology, clinical features and investigations in assessment of polyneuropathy. [4+3+3]

Question Number : 10 Question Id : 3271873350 Question Type : SUBJECTIVE

Correct Marks : 10

A 70-year-old presents to you with severe backache after a fall and her X-ray showed a compression fracture of L4 vertebra. Discuss the risk factors, prevention, diagnosis and management of osteoporosis. [2+2+3+3]