

National Board of Examinations

Question Paper Name :	DNB Family Medicine Paper2
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DNB Family Medicine Paper2

Group Number :	1
Group Id :	3271872495
Group Maximum Duration :	0
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DNB Family Medicine Paper2

Section Id :	3271872498
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872502
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725183 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. A 42-year-old man has been diagnosed with diabetes for the last 5 years. He has been coming to you for regular follow up:

- How will you perform his foot examination? [2]
- What advice will you give him with regards to foot care? [2]
- What are the complications of diabetic foot? [2]
- What are the other causes of non-healing leg ulcer? [2]
- What are the principles of management of diabetic ulcer? [2]

Question Number : 2 Question Id : 32718725184 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 10

A 40-year-old presented with the complaint of feeling dizzy:

- a) What are the conditions that you will enteratin in a patient presenting with dizziness? [2]
- b) Mention the causes of vertigo. [2]
- c) Which are the medications that can cause dizziness? [2]
- d) When do you refer a patient with dizziness? [2]
- e) What test you perform for BPPV, how will you manage BPPV? [2]

Question Number : 3 Question Id : 32718725185 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 28-year-old female came for antenatal checkup, she was found to be Hbs Ag positive. Her husband was also checked and found to be HBsAg positive:

- a) Who are the groups of people at increased risk for transmission? [2]
- b) Which are the acute phase and chronic phase serological markers? [2]
- c) What will be the course of disease? [2]
- d) Write briefly on management of chronic Hepatitis B. [2]
- e) If her husband was tested negative, what advice you would have given? [2]

Question Number : 4 Question Id : 32718725186 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 32-year-old male presented to you with palpable swelling in the left groin which he noticed a few days ago, he has mild pain while walking or on lifting weight:

- a) What are the differential diagnosis? [2]
- b) What are the common causes of inguinal and scrotal swelling? [2]
- c) How will you evaluate a patient with groin swelling? [2]
- d) What are the red flags of inguino scrotal swelling? [2]
- e) Write briefly on inguinal hernia. [2]

Question Number : 5 Question Id : 32718725187 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 23-year-old female presented to you with redness of left eye, which she noticed this morning, she also mentioned there was a sticky discharge:

- a) What are the common causes of red eye in primary care? [2]
- b) Mention at least 4 systemic conditions that can cause red eye. [2]
- c) Mention at least 6 must know points in the history. [3]
- d) What are the red flags in history of a patient with red eye? [1]
- e) Mention 4 conditions of the eyelid with which patients present to primary care. [2]

Question Number : 6 Question Id : 32718725188 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 58-year-old female a poorly controlled diabetic presented to you with ulcer and foul smelling discharge from left foot 2nd toe. X-ray showed osteomyelitis changes of the phalanges and toe amputation is planned:

- a) Mention at least three regional anesthesia given, and local anesthetic agents used. [2]
- b) What are the complications of regional anesthesia and how do we manage them? [2]
- c) What sedatives are used in primary care? [2]
- d) What are the injectable anesthetics? [2]
- e) What analgesics are used while performing minor procedures? [2]

Question Number : 7 Question Id : 32718725189 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 32-year-old female presented to you with hot sambhar spilt all over her as she was getting it down the stove:

- a) What are scalds? What is the characteristic of scalds? [2]
- b) What is the upper limit of percentage of burns you will treat in primary care? [2]
- c) List pathophysiological changes in any 2 of these organs - skin/kidney/immunity/hematological. [3]
- d) Estimation of burn size in adult-using Rule of 9, depict it in the diagram. [3]

Question Number : 8 Question Id : 32718725190 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 65-year-old man presents with history of tiredness, frequent stools and decreased sleep for the past 3 months. She is a known diabetic on Metformin 1gm BD. She also reports to have a recent loss weight of 3 Kgs. On examination, extremities are warm to touch, pulse- 110/min, BP- 140/70mmHg, cardiac auscultation S1S2 present and a soft systolic murmur over apex and aortic area, chest is clear.

- a) What are the functions of thyroid hormones in a normal human? [2]
- b) What are the common symptoms and signs of hyperthyroidism? [3]
- c) What are the common symptoms and signs of hypothyroidism? [3]
- d) What complications do you expect in her if she is left untreated? [2]

Question Number : 9 Question Id : 32718725191 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 65-year-old male presented with recent history, nausea and loss of appetite and dark coloured stools, he was pale and his haemoglobin was 6.5gm%:

- a) What clinical diagnosis you would offer as the cause of his anemia? [2]
- b) What all points you will elicit in history to find out the possible causes of anemia? [2]
- c) How do you classify hypovolemic shock? [2]
- d) What medications can cause anaemia? [2]
- e) What are the indications of blood transfusion in anemia?[2]

Question Number : 10 Question Id : 32718725192 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 24-year-old female has comes to you with history of swelling and tenderness of right breast for 2 days. She has mild fever and she is feeding her 3-month-old baby:

- a) Mention and briefly write about at least 4 breast conditions a patient present to Family practitioner. [3]
- b) Write the various types of nipple discharges and give one condition for each. [3]
- c) Write in detail how will you manage her? [4]