

National Board of Examinations

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

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| Group Number : | 1 |
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DNB Family Medicine Paper2

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| Section Id : | 3271872736 |
| Section Number : | 1 |
| Section type : | Offline |
| Mandatory or Optional : | Mandatory |
| Number of Questions : | 10 |
| Number of Questions to be attempted : | 10 |
| Section Marks : | 100 |
| Maximum Instruction Time : | 0 |
| Sub-Section Number : | 1 |
| Sub-Section Id : | 3271872740 |
| Question Shuffling Allowed : | No |

Question Number : 1 Question Id : 32718728614 Question Type : SUBJECTIVE Consider As Subjective : Yes

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 50-year-old lady with type 2 diabetes mellitus is referred to you for control of diabetes. During screening, she was found to have diabetic retinopathy.

- What are the types of diabetic retinopathy? [2]
- How will you screen for diabetic retinopathy in family practice? [1]
- What are the treatment options available for each type of diabetic retinopathy? [4]
- What is the role of Family physician in preventing diabetic retinopathy? [3]

Question Number : 2 Question Id : 32718728615 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 15-year-old girl is brought by her parents with complaints of right ear foul smelling profuse discharge for the past two months.

- Define chronic suppurative otitis media. [2]
- What are the types of chronic suppurative otitis media and how will you make the differential diagnosis? [3]
- How will you manage this girl? [3]
- What are the complications you expect and what are the indications of referral to a specialist? [2]

Question Number : 3 Question Id : 32718728616 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 65-year-old post-menopausal lady with a BMI of 19, has been brought to the community health center with history of fall with outstretched hand while lifting weight at home an hour ago. She has severe pain and swelling in the left wrist. On examination, there is severe tenderness in the left wrist associated with swelling and deformity.

- What are the components of Colle's fracture? [3]
- How will you treat Colle's fracture if you are posted in the community health center if referral to specialist is not possible? [4]
- How will you prevent fracture in this lady in the future? [3]

Question Number : 4 Question Id : 32718728617 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

An 18-year-old girl has come with swelling in front of the neck for the past three months.

- List the differential diagnosis. How will you differentiate thyroid swelling from other swellings? [3]

- b) Mention any four features of thyrotoxicosis you will look for in this patient. [2]
- c) What are the initial investigations and management in family practice? [4]
- d) List any two indications for surgical treatment? [1]

Question Number : 5 Question Id : 32718728618 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 45-year-old man is awaiting for inguinal hernia surgery. He is on treatment for type 2 diabetes and hypertension. He is a smoker and consumes alcohol. He is referred by a surgeon to optimize him for hernia surgery planned under regional anesthesia.

- a) Describe briefly the components of Pre-Anesthesia Check-up. [5]
- b) How will you optimize this person before hernia surgery? [5]

Question Number : 6 Question Id : 32718728619 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 78-year-old man was brought to the casualty with complaints of altered sensorium since morning. He has no comorbidities; he had sustained a trivial head injury few weeks ago. His Computerized Tomography of the brain showed a large subdural hematoma with midline shift.

- a) What is Glasgow Coma Scale? How will it help you in managing a patient with head injury? [5]
- b) What are the initial management recommended to stabilize this elderly man before referral? [3]
- c) What are the definitive treatment modalities recommended for this person? [2]

Question Number : 7 Question Id : 32718728620 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 30-year-old lady at 20 weeks of gestational age comes to see you with complains of difficulty in passing stools which is associated with pain. She is passing hard stools once in two days that occasionally is streaked with blood.

- a) What is the most probable diagnosis and how will you confirm the diagnosis? [4]
- b) How will you manage this lady in family practice? [4]
- c) What are the indications for referral to the specialist? [2]

Question Number : 8 Question Id : 32718728621 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 24-year-old unmarried lady presents to the family physician with the painless lump felt in her left breast for the past two months. On examination, she has a single 2x3 cm size, mobile firm swelling in the left upper outer quadrant which is non-tender.

- a) What are the differential diagnosis? [2]
- b) Describe the investigations recommended for evaluation of the lump. [4]
- c) What is BI-RADS scoring system and how will you manage the lump based on the BI-RADS? [4]

Question Number : 9 Question Id : 32718728622 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 30-year-old laborer, weighing 60 kg, presents to casualty with an injury to the right hand with a metal instrument while working. An X-ray shows a metal foreign body in his hand.

- a) Describe the steps of wrist block. [4]
- b) What is the dose and type of local anesthetic drug recommended for this man? [3]
- c) What are the anticipated complications when giving anesthesia for him and how will you manage them? [3]

Question Number : 10 Question Id : 32718728623 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 35-year-old lady has presented to the Community Health Centre with alleged history of self-inflicted burns 30 minutes ago. On examination, she is conscious and oriented. She has superficial burns over the front of the chest, anterior abdomen and right thigh. She is in severe pain. Her pulse - 100 / min and Blood pressure is 130 /90 mm Hg.

- a) What are the immediate treatment needed in the first 48 hours? [4]
- b) How will you prevent hospital acquired infections in this patient? [4]
- c) What are the indications of referral to the specialist? [2]