

# National Board of Examinations

**Question Paper Name :** DNB Family Medicine Paper1  
**Subject Name :** DNB Family Medicine Paper1  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718737215 Consider As Subjective : Yes**

**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 24-year-old young man sustained RTA on a bike. He was taken to the trauma care center immediately. His pulse rate is 140 beats per minute with feeble thready pulse and blood pressure was 60 mmHg systolic:

- What is the pathophysiology of shock in this patient? [2]
- Classification of shock - explain each one of them with an example. [4]
- How will you provide initial management in each type of shock? [4]

**Question Number : 2 Question Id : 32718737216 Consider As Subjective : Yes**

A 52-year-old gentleman was brought to the OPD with chest discomfort since this morning. He has no comorbidities.

- What initial assessment will you perform? [2]
- Write the findings in ECG consistent with ST Elevation Myocardial Infarction (STEMI). [3]
- What is the initial management you provide for STEMI? [2]
- Mention the definitive management in STEMI and Non STEMI. [3]

**Question Number : 3 Question Id : 32718737217 Consider As Subjective : Yes**

A 18-year-old girl, a college student, has come with multiple black spots, papules, pustules with nodules and old scars in the face and neck:

- What is the probable diagnosis and differential diagnosis? [3]
- How will you manage this condition? [5]
- What are the indications for systemic therapy? [2]

**Question Number : 4 Question Id : 32718737218 Consider As Subjective : Yes**

A 20-year-old college student is brought to OPD with history of talking to herself, smiling to herself, and having auditory hallucinations:

- a) What is the probable diagnosis? [2]
- b) What are the factors differentiating organic versus functional condition? [3]
- c) What is the initial and long term management for this patient? [5]

**Question Number : 5 Question Id : 32718737219 Consider As Subjective : Yes**

A 35-year-old lady with a BMI of 30 kg/m<sup>2</sup> presented to you with irregular cycles:

- a) What is the criteria to define metabolic syndrome? [3]
- b) What are the investigations needed for this lady? [3]
- c) Discuss the management along with the goals and rationale of therapy. [4]

**Question Number : 6 Question Id : 32718737220 Consider As Subjective : Yes**

A 53-year-old lady with diabetes presented to you with complaints of left loin pain, vomiting and fever for the past 4 days. She is febrile (103°F), toxic and dehydrated. She has left renal angle tenderness:

- a) What is the likely diagnosis? How will you do initial assessment and management in the given case scenario? [5]
- b) What are the indications for referral to higher center? [3]
- c) What are the indications for dialysis in acute renal failure? [2]

**Question Number : 7 Question Id : 32718737221 Consider As Subjective : Yes**

A 72-year-old man is brought by the relatives to your clinic. They informed that he was well a week ago and now he is disoriented to time and place. He is not able to identify even the close relatives and he is agitated at home. He is running a low-grade fever for the past one week. He vomited occasionally and has reduced appetite.

- a) What are the differential diagnosis you consider? [2]
- b) What is the focused clinical examination and investigation required? [4]
- c) How will you manage this elderly gentleman in your practice? [4]

**Question Number : 8 Question Id : 32718737222 Consider As Subjective : Yes**

A 33-year-old software engineer had a binge of alcohol last night, following which this early morning, he developed acute onset of persistent, severe epigastric pain radiating to the back. Examination shows tenderness and guarding in the epigastrium.

- a) What is your diagnosis and differentials? [3]
- b) How will you manage this person? [4]
- c) What score do you use to assess the severity and prognosis? [3]

**Question Number : 9 Question Id : 32718737223 Consider As Subjective : Yes**

A 23-year-old lady presents to you with bilateral leg swelling, frothy urine, malar rash and arthralgia; you suspect an autoimmune disorder:

- a) Discuss the initial assessment of this lady. [4]
- b) What is your differential diagnosis? [2]
- c) What are the major clinical features and organ involvement in the condition mentioned above? [4]

**Question Number : 10 Question Id : 32718737224 Consider As Subjective : Yes**

A 40-year-old driver, married for past 10 years with two children, presents with 10% loss of weight over past 2 months and cough for the past one month. It is a dry cough with scanty sputum production. He reports breathing difficulty for the past one week. He has loss of appetite and passing watery frequent loose stools for the past one month. He give history of high-risk sexual behavior. On examination, he has oral candidiasis. He has tachypnoea, respiratory rate of 40 per minute and auscultation revealed occasional crackles bilaterally:

a) What is the probable diagnosis? [2]

b) How will you manage this patient and his family? [8]