

# National Board of Examinations

**Question Paper Name :** Diploma Family Medicine Paper2  
**Subject Name :** Diploma Family Medicine Paper2  
**Duration :** 182  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0  
**Is Section Default? :** No

**Question Number : 1 Question Id : 32718745843 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
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Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Mrs. C of 67-years age, on treatment for diabetes, hypertension and dyslipidemia, presents with loss of vision in her right eye for 6 hours.
- Describe the common causes of acute loss of vision and their clinical features. [5]
  - Classify diabetic retinopathy and mention its management. [5]

**Question Number : 2 Question Id : 32718745844 Consider As Subjective : Yes**

A 73-year-old male, presents with bleeding from the nose at 3 AM to the emergency department. He is on treatment for hypertension and atrial fibrillation. His blood pressure is 190/110 mmHg and he is continuing to bleed from the nose on presentation.

- a) What are the steps needed for managing epistaxis in the emergency department. [5]
- b) Anatomy of anterior nasal septal blood supply. [2]
- c) If his blood work-up shows prolonged prothrombin time with INR > 10, what are the additional measures needed to stop the bleeding? [3]

**Question Number : 3 Question Id : 32718745845 Consider As Subjective : Yes**

A 70-year-old woman, fell forward and complains of pain and swelling around right wrist area. On examination, there is no bleeding or skin abrasion.

- a) What are the common types and typical features of closed fractures around wrist? [5]
- b) What are the 10 steps of plaster of Paris cast application? [5]

**Question Number : 4 Question Id : 32718745846 Consider As Subjective : Yes**

A 45-year-old male, a known diabetic for the past 10 years, presents with left shoulder pain with pain worsening at night and limitation of movements in all directions for the past 3 months.

- a) Describe an approach to shoulder pain in family medicine practice. [5]
- b) What are the red-flags in shoulder pain that need referral? [2]
- c) Which home exercises will you prescribe to a patient with mild shoulder peri-arthritis? [3]

**Question Number : 5 Question Id : 32718745847 Consider As Subjective : Yes**

A 25 year-old male presents following a road traffic accident. He is conscious and talking and his pulse rate is 120/min, blood pressure in supine position is 80/50 mmHg.

- a) Describe the common causes of hypovolemic shock in a trauma victim and its immediate assessment. [5]
- b) Explain management of hypovolemic shock in a patient with traumatic injuries. [5]

**Question Number : 6 Question Id : 32718745848 Consider As Subjective : Yes**

An 80-year-old elderly male, presents with inability to pass urine for the past six hours. He had passed frank blood for 2 episodes and then unable to pass urine. He complains of lower abdominal pain. On examination, bladder is distended up to the umbilicus.

- a) Explain the stepwise management of acute urinary retention in family medicine. [5]
- b) Approach to hematuria in an adult in family medicine. [5]

**Question Number : 7 Question Id : 32718745849 Consider As Subjective : Yes**

A 40-year-old man is admitted with hematemesis.

- a) What are the causes of upper gastrointestinal bleed? [3]
- b) Write briefly about relevant clinical examination findings you look for and discuss briefly about management of this patient. [3+4]

**Question Number : 8 Question Id : 32718745850 Consider As Subjective : Yes**

- a) A 27-year-old lady, has a mobile subcutaneous lump 6x6 cm in her back. She is posted for excision in your practice, and you are planning to do the procedure under intravenous sedation. How will you plan the anesthesia for this procedure? What are the instructions will you give to prepare the patient and your team? [3+2]
- b) List any three common drugs used for short intravenous sedation and their common side effects. [3]
- c) A two year old child has come with an abscess in the scalp 2x2 cm size which is tender to touch. The child is irritable, crying and not allowing to touch the swelling. How will you plan the anesthesia for the incision and drainage? [2]

**Question Number : 9 Question Id : 32718745851 Consider As Subjective : Yes**

A 49-year-old male, presents with anterior neck swelling in the midline for the past two years and loss of weight and decreased sleep for the past two months. His pulse rate is 128/minute and blood pressure is 130/80 mmHg.

- a) What are the differential diagnosis you consider for the midline swelling in the neck and how will you make a clinical diagnosis? [3]
- b) What are the eye signs will you look for in this patient? [3]
- c) How will you manage this 49-year-old male with neck swelling? What are the indications for surgery of the swelling in this patient? [3+1]

**Question Number : 10 Question Id : 32718745852 Consider As Subjective : Yes**

Mrs D, 58 years of age, known diabetic, presents with non healing wound on the anterior aspect of lower third of leg for past 3 months.

- a) Describe common factors causing delayed or non-healing of wounds. [5]
- b) Clinical assessment and principles of management of wounds. [5]