

# National Board of Examinations

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| <b>Question Paper Name :</b>                   | Diploma Family Medicine Paper3 |
| <b>Subject Name :</b>                          | Diploma Family Medicine Paper3 |
| <b>Creation Date :</b>                         | 2023-12-18 14:35:15            |
| <b>Duration :</b>                              | 180                            |
| <b>Share Answer Key With Delivery Engine :</b> | No                             |
| <b>Actual Answer Key :</b>                     | No                             |

## Diploma Family Medicine Paper3

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| <b>Group Number :</b>                | 1          |
| <b>Group Id :</b>                    | 3271872648 |
| <b>Group Maximum Duration :</b>      | 0          |
| <b>Group Minimum Duration :</b>      | 180        |
| <b>Show Attended Group? :</b>        | No         |
| <b>Edit Attended Group? :</b>        | No         |
| <b>Group Marks :</b>                 | 100        |
| <b>Is this Group for Examiner? :</b> | No         |
| <b>Examiner permission :</b>         | Cant View  |
| <b>Show Progress Bar? :</b>          | No         |

## Diploma Family Medicine Paper3

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|-------------------------|------------|
| <b>Section Id :</b>     | 3271872651 |
| <b>Section Number :</b> | 1          |
| <b>Section type :</b>   | Offline    |

|   |            |
|---|------------|
| <b>Mandatory or Optional :</b>                                      | Mandatory  |
| <b>Number of Questions to be attempted :</b>                        | 10         |
| <b>Section Marks :</b>  | 100        |
| <b>Enable Mark as Answered Mark for Review and Clear Response :</b> | Yes        |
| <b>Maximum Instruction Time :</b>                                   | 0          |
| <b>Sub-Section Number :</b>   | 1          |
| <b>Sub-Section Id :</b>   | 3271872655 |
| <b>Question Shuffling Allowed :</b>                                 | No         |
| <b>Is Section Default? :</b>  | null       |

**Question Number : 1 Question Id : 32718727184 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Mrs. Z, 36-year-old, is seen in her routine antenatal visit. She is G3 P2 L2 at 32 weeks of pregnancy. On examination, she appears pale and her hemoglobin today is 7.0 g/dl. She reports that oral iron tablets cause nausea and constipation and so she did not take her tablets.

- What are the complications of anaemia in pregnancy? [4]
- What are the options to manage anemia in third trimester of pregnancy? [2]
- What is the formula to calculate iron replacement? [2]
- Describe the advantages, disadvantages of intramuscular vs intravenous iron therapy. [2]

**Question Number : 2 Question Id : 32718727185 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Ms. I, 22-year-old college student, presents with pain in her lower abdomen during her periods. She reports that she usually takes leave from college during periods due to severe pain and her periods is associated with heavy bleeding and dysuria. Her general examination and abdominal examination were normal.

- What are the differential diagnosis? [2]

- b) What are the clinical features of endometriosis? [4]
- c) What are the complications of endometriosis? [2]
- d) How would you manage endometriosis in family medicine? [2]

**Question Number : 3 Question Id : 32718727186 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Mrs. P, 40 years-old, presents with history of vaginal discharge for 3 days. She had tubectomy after her last child birth and has regular periods.

- a) Describe an approach to vaginal discharge in family medicine. [4]
- b) What health promotion and prevention activities can be offered in this visit? [4]
- c) What are the clinical features of gonococcal infection in females? [2]

**Question Number : 4 Question Id : 32718727187 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Miss. Y, 16-year-old, 10th grade student is brought by her mother. Mother is worried as her daughter had not had periods for the past 1 year. Miss Y, attained menarche at 14 years of age and had irregular periods in the first year following menarche.

- a) What are the causes of secondary amenorrhea in teenage children? [4]
- b) How would you manage secondary amenorrhea in family medicine? [4]
- c) Explain about menstrual hygiene program. [2]

**Question Number : 5 Question Id : 32718727188 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Mrs. D, 21-year-old primi-mother, who delivered 12 hours ago, reports that her baby is crying and she is unable to feed the baby and requests for prescription of formula feeds.

- a) What are the problems that can hinder initiation of breast feeding? [4]

- b) How would you explain the benefits of breast feeding to the mother? [4]
- c) Explain the 3 key breast-feeding recommendations by the World Health Organization. [2]

**Question Number : 6 Question Id : 32718727189 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 7-month-old infant is brought with fever cough and breathing difficulty for 1 day. On examination, the infant appears irritable, dry oral mucosa, nasal flaring, and intercostal chest retractions. Capillary refill time is 3 secs and respiratory rate 60/min.

- a) Classify this presentation based on IMNCI (Integrated Management of Neonatal and childhood Illnesses) guidelines. [4]
- b) What are the differential diagnoses? [2]
- c) Manage this patient as per IMNCI guidelines. [4]

**Question Number : 7 Question Id : 32718727190 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 2-year-old male child is brought to your OPD for immunisation. His parents are migrant construction workers, and the mother says baby received all vaccinations from birth till four months of age and none since then.

- a) Write the immunisation schedule recommended by government of India till the age of 5 years. [4]
- b) Write a catch-up immunisation plan for this child. [2]
- c) Write briefly on adverse events following immunisation. [4]

**Question Number : 8 Question Id : 32718727191 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 3-year-old male child is seen in OPD with features of upper respiratory tract infection. His weight

is 7.4 kg and his height is 91 centimeters. His birth weight was 2.8 kg.

- a) What is the classification and clinical features of protein energy malnutrition? [3]
- b) What are the causes of malnutrition? [4]
- c) What are the complications of severe acute malnutrition? [3]

**Question Number : 9 Question Id : 32718727192 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 3-year-old girl child is brought by parents reporting that she had fever with runny nose for 1 day and 30 mins ago she developed uprolling of eyes and jerky movements of all 4 limbs lasting 2-3 minutes. She had no similar episodes in the past. On examination, the child is conscious, conversing, afebrile and rest of her physical examination is within normal limits.

- a) What are the types of febrile seizures and their clinical features? [3]
- b) How would you investigate simple febrile seizure and complex febrile seizure? [3]
- c) What is status epilepticus and its immediate management? [4]

**Question Number : 10 Question Id : 32718727193 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 5-year-old child is brought with dry cough for the past 2 months. His mother reports no fever but says child has difficulty playing with other children because playing and dust provokes his cough.

- a) What are the causes of chronic cough in children? [4]
- b) Mention an approach to chronic cough in children in Family Medicine. [4]
- c) What is the role of antibiotics in upper respiratory infections? [2]