

National Board of Examinations

Question Paper Name : Diploma Family Medicine Paper3
Subject Name : Diploma Family Medicine Paper3
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718745931 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
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1. A 3-year-old male child is brought by his mother with history of vomiting and loose stools for past one day. On examination, he weighs 8.0 kg. His eyes are sunken, child is lethargic and refusing to drink fluids. The capillary refill time is > 3 secs and heart rate 130/min.

- Classify the types of dehydration according to the IMNCI guidelines and briefly describe the management of each type of dehydration. [4]
- How will you manage this child? [4]
- What are the indications for antibiotics in acute diarrhea? [2]

Question Number : 2 Question Id : 32718745932 Consider As Subjective : Yes

A 2-year-old female child is brought by her worried parents as the child is not gaining weight and remaining in 9 kg in the past 4 months.

- a) How is growth monitoring done in family practice? How will you avoid pitfalls in the measurement of anthropometry? [2]
- b) What are the common causes of "failure to thrive" seen in family practice? [4]
- c) How will you evaluate and manage this child? [4]

Question Number : 3 Question Id : 32718745933 Consider As Subjective : Yes

A 3-month-old child is brought with incessant crying for past 6-8 hours following fever for one day.

- a) What is the normal sleep and cry pattern during the 1st three months of life? [3]
- b) What are the common causes of crying in a normal infant and causes of incessant cry? [3]
- c) What are the red flags that need referral in a child with incessant cry? How will you manage this child with incessant cry in family practice? [2+2]

Question Number : 4 Question Id : 32718745934 Consider As Subjective : Yes

A 14-year-old girl child is brought in by her parents seeking help in controlling her weight. She weighs 89 kg and her height is 152 cm. She attained her menarche two years ago but her cycles are irregular. Her performance at school is average.

- a) What clinical condition she may have? What are the common causes of obesity in childhood? [2]
- b) Explain the symptoms due to obesity and mention complications of obesity. [4]
- c) How will you manage exogenous obesity in family practice? [4]

Question Number : 5 Question Id : 32718745935 Consider As Subjective : Yes

A 1-year-old infant brought with fever for 2 days with dry cough, rhinorrhea and red rash over trunk and limbs. The rash started behind the ears and spread into the neck, trunk, arms and legs. Child has redness of the eyes. Child is active with normal vitals.

- a) What are the common causes of fever with rash in children and their clinical features? [5]
- b) Describe briefly the management of this child and what are the complications you expect. [5]

Question Number : 6 Question Id : 32718745936 Consider As Subjective : Yes

A 25-year-old female primigravida at 39 weeks+ 6 days of gestation presents with leaking of clear fluid per vagina for the past two hours. There are no contractions observed in the abdomen. She has cephalic presentation and the fetal heart rate is good.

- a) How will you assess the cervix using Bishop's score? [2]
- b) What are the methods of induction of labor you know of? Discuss the pros and cons of each method. [3]
- c) How will you induce labor in this patient? [2]
- d) If she gets excessive bleeding PV after delivery of the baby and placenta, how will you manage? [3]

Question Number : 7 Question Id : 32718745937 Consider As Subjective : Yes

A 35-year-old female, Mrs. K, presents with painful, heavy and prolonged periods for the past six months. She is married for 10 years with two living children. Her last child birth is 5 years back. She gets irregular cycles once in 45 to 60 days. The periods last for 7 to 10 days. Currently, she is bleeding for the past one week using 6 to 7 pads per day. Her BMI is 38, she has pallor and her hemoglobin is 7 gm%.

- a) How will you classify abnormal uterine bleeding (AUB)? What are the investigations needed for a woman with AUB? [5]
- b) How will you manage Mrs. K with abnormal uterine bleeding in family practice? What are the indications for referral to the specialist? [5]

Question Number : 8 Question Id : 32718745938 Consider As Subjective : Yes

A 26-year-old woman, primigravida 2nd trimester was found to have low platelet count on routine check up.

- a) List the various causes of thrombocytopenia in pregnancy. [4]
- b) How do you evaluate this lady? [4]
- c) When will you refer this patient to the specialist? [2]

Question Number : 9 Question Id : 32718745939 Consider As Subjective : Yes

A 26-year-old female patient who delivered two days ago presents with sore nipples and enquires about bottle feeding.

- a) Explain briefly the common breast feeding problems and their management. [5]
- b) Describe the ‘ Mothers Absolute Affection’ (MAA) program and how will you implement it in your primary health center. [5]

Question Number : 10 Question Id : 32718745940 Consider As Subjective : Yes

A 38-year-old female presents with lower abdominal pain for many years. She lives with her husband and two children and had tubectomy many years ago after completing her family.

- a) What all should be the health promotion and prevention activities needed for her during this consultation in family practice? [4]
- b) Common causes and management of chronic pain in family medicine. [6]