

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
Third Year Second Semester Examination in BScHons (Nursing) – 2021



NURCN 3245 CHILD HEALTH NURSING II - PAPER II

Date: 11.08.2023

Time: 2 hours

ANSWER ALL SIX QUESTIONS

1. A seven year old diagnosed nephrotic syndrome child came to paediatric clinic with a complaint of urine Albumin of 3+ for the last three days
 - 1.1. What are the cardinal features of nephrotic syndrome? (20 Marks)
 - 1.2. Urine Albumin ward test 3+. Interpret this finding? (10 Marks)
 - 1.3. On the 2nd day of admission mother reports that the urine ward tests was nil for albumin. You have a doubt whether the mother performed the test correctly. Describe how you will perform the urine test in the ward. (30 Marks)
 - 1.4. List the important investigation will you order to manage the patient (20 Marks)
 - 1.5. Give five (5) side effect of prolonged use of steroids? (20 Marks)

2. A five year old male child accidentally fell down from the chair while he was playing at home. He developed a laceration and noticed bleeding. The brother of the patient has a bleeding disorder.
 - 2.1. How does our body achieve haemostasis? (20 Marks)
 - 2.2. List the inherited bleeding disorders? (20 Marks)
 - 2.3. List the investigations that will help to diagnose the condition (30 Marks)
 - 2.4. Which bleeding disease is caused by factor V111 deficiency (15 Marks)
 - 2.5. Which factor is affected in liver disease to cause bleeding (15 Marks)

3. A five year old child admitted to A&E with the history of cough and phlegm for 2 days, fever 1 day and shortness of breath since today morning. On arrival child is dyspnoeic with the SpO₂- 92% in room air
 - 3.1. Write the criteria to classify the child as ill? (20 Marks)
 - 3.2. How will you perform nebulisation to this child? (30 Marks)
 - 3.3. List the haematological and biochemical investigation that you will do in this child (30 Marks)
 - 3.4. X-ray was taken and a diagnosis of pneumonia was made. Classify the pneumonia (20 Marks)

4. An eight month old child presented with pale stool, passing dark colour urine and yellowish discolouration of sclera. This child was diagnosed as Biliary atresia and mother refused surgical intervention
- 4.1. List the possible causes of liver cirrhosis in children? (20 Marks)
- 4.2. List the complication expected in this child? (30 Marks)
- 4.3. Child is having ascites with shortness of breath. Write two modes of management to reduce the ascites? (20 Marks)
- 4.4. Write the vitamin supplement to be provided in the acute condition? (10 Marks)
- 4.5. Write the investigation on this child in order to manage the patient. (20 Marks)
5. A four year old diagnosed bronchial asthma patient came to paediatric clinic. He is on inhaler prophylaxis with short acting bronchodilators PRN basis. On that visit he brought the spacer which is dirty and was not using it properly when you checked the technique.
- 5.1. How do you advise them to clean the spacer? (30 Marks)
- 5.2. Explain how to use the spacer with mask properly? (30 Marks)
- 5.3. Write the side effect of Salbutamol? (20 Marks)
- 5.4. Parents ask you whether the child can play. How will you explain the situation (20 Marks)
6. A six month old infant having history of vaccination today morning and develop fever and fits. Parents are so anxious and brought the baby to A&E department. The infant's weight is 6kg.
- 6.1. What do mean by the term febrile convulsion (20 Marks)
- 6.2. Classify the febrile convulsion (10 Marks)
- 6.3. Parents didn't give paracetamol to the baby and you are going to administer it. Calculate the dose of paracetamol for this infant (10 Marks)
- 6.4. List the formulations of paracetamol. (20 Marks)
- 6.5. Briefly explain, how will you manage the fits. (40 Marks)