



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
Third Year Second Semester Examination in BScHons (Nursing) - 2020
NURCN 3245 CHILD HEALTH NURSING II - PAPER II

Date: 16.11.2022

Time: 2 hours

ANSWER ALL SIX QUESTIONS

1. Six year old male child presented to the Emergency department with the history of acute exacerbation of bronchial asthma.
 - 1.1. How are you going to manage the patient at the Emergency department? (40 Marks)
 - 1.2. List the oxygen delivery systems that are available? (30 Marks)
 - 1.3. Educate the caregiver, how to use the inhaler with spacer device? (30 Marks)

2. A new born baby is found to have dusky colour at 24 hour time and a diagnosis of congenital cyanotic heart disease is made.
 - 2.1. Mention how foetal circulation differs from neonatal circulation? (50 Marks)
 - 2.2. List the common congenital cyanotic heart disease? (25 Marks)
 - 2.3. Mention the physiological changes that occur in the cardiovascular system, to adapt the new born to external environment? (25 Marks)

3. A six month old infant on formula feeding develops watery stool of 10 times within 24 hour period, baby was brought by the mother to casualty paediatric ward and was diagnosed as acute gastro enteritis
 - 3.1. Explain the term diarrhoea? (20 Marks)
 - 3.2. Mention the clinical features that will help to categories the dehydration level? (60 Marks)
 - 3.3. This baby is having severe dehydration. Write the volume and types of fluid needed for resuscitation and maintenance. (20 Marks)

4. A two year old child came with the history of fever for one day duration and fits for less than a minute.
- 4.1. Define the term febrile convulsion? (15 Marks)
- 4.2. Categorise the febrile convulsions. (15 Marks)
- 4.3. List the clinical features in each category? (35 Marks)
- 4.4. How will you manage the febrile convulsion? (35 Marks)
5. A mother came with her child to OPD with the history of fever of two days duration and cough, sputum with difficulty in breathing . On Examination she was found to have a temperature 101.1°F, respiratory rate of 50/minute with bilateral basal crepts. Mother had administered paracetamol 30min ago.
- 5.1. How will you manage the baby non pharmacologically. (30 Marks)
- 5.2. List the method of administering paracetamol and its' preparation? (30 Marks)
- 5.3. You are instructed to nebulise the baby with Salbutamol 2.5mg.
How will you perform? (40 Marks)
6. A school going child is brought to the pediatric clinic with the history of joint pain, body swelling, difficulty in breathing and diagnosed as acute rheumatic carditis with heart failure.
- 6.1. List the criteria used to diagnose rheumatic carditis. (10 Marks)
- 6.2. List the clinical features that you will look in cardiac failure. (40 Marks)
- 6.3. How will you manage the cardiac failure as a nurse? (50 Marks)

