

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING
ACADEMIC YEAR 2020/2021 – SEMESTER I



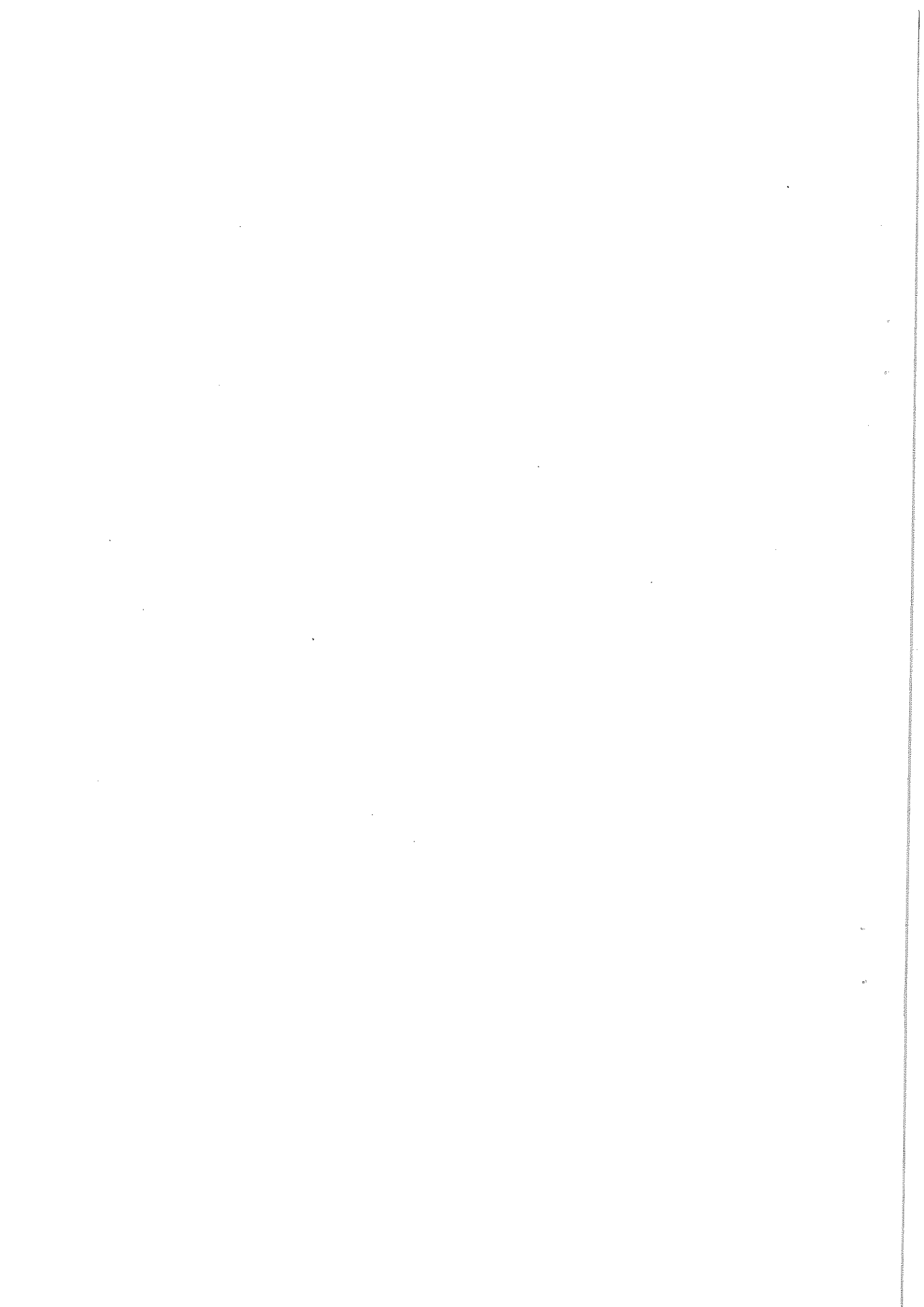
BACHELOR OF SCIENCE HONOURS IN NURSING
NGU5405 PEADIATRIC NURSING - LEVEL 5
FINAL EXAMINATION

DATE: 10TH MARCH 2022

TIME: 9.30 AM –12.30 PM

NIC NO:.....

INDEX NO:



Matching Questions- Part B**(10 marks)**

Match the words given on the Left with most relevant phrases given on the Right. Put the letter belongs to the selected word in the brackets given on the left.

Left		Right
1. Kohlberg theory	()	A. decreased testosterone production in early gestation
2. N. Acetylcysteine	()	B. decrease the metabolism
3. Thumb sucking	()	C. coenzyme for metabolism of carbohydrates and branched-chain amino acids
4. Hypothyroidism	()	D. rapid growth of low-birth-weight babies during 1st year of life to meet the fullest potential
5. Hypospadias	()	E. acquisition of moral development
6. Scaphoid abdomen	()	F. increase Anti-Mullerian Hormone (AMH) production in early gestation
7. Catchup scenario	()	G. indicator for emotional insecurity
8. Thiamine	()	H. abdominal muscles and diaphragm do not work simultaneously during the respiration
9. Koplik's spots	()	I. a clinical feature of diaphragmatic hernia
10. Asynchrony	()	J. measles
		K. acetaminophen poisoning
		L. audible expiratory sound occurs due to the partial obstruction of the upper air way

Short Answer Questions - Part C

(40 marks)

Question 01 (20 marks)

A 3500g baby boy was born at term following a pregnancy complicated by polyhydramnios. The baby had excessive secretions at mouth and started coughing shortly after birth, followed by a choking episode and cyanosis. During the resuscitation, placement of orogastric tube was difficult due to resistance. The baby was transferred to the NICU.

1.1 What is the most likely underlying diagnosis for this acute presentation? (02 marks)

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1.2 What is the gold standard investigation to confirm the most likely diagnosis? (02 marks)

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1.3 Write three (03) nursing diagnosis for this neonate. (06 marks)

I.

II.

III.

1.4 Write three (03) immediate nursing interventions for the above-mentioned neonate. (03 marks)

I.

II.

III.

1.5 Write three (03) variations of neonatal gastrointestinal system from adult gastrointestinal system. (03 Marks)

I.

II.

III.

1.6 Write main four (04) constituents of Oral Rehydration Solution (ORS). (04 marks)

I.

II.

III.

IV.

Question 02 (20 Marks)

A 5-year-old boy presented to the pediatric clinic with a complaint of pallor and unusual cravings for rice, salt, and dirt. He is a picky eater, takes only small amounts of meat, fish, and some vegetables, but loves milk and drinks six to eight bottles of whole milk daily. His examination findings and blood investigations results are given below.

- Temperature 37.5 °C, Blood Pressure 90/52 mmHg, Pulse 145 beats/minute, Respiration 16 breaths/minute, Pale appearance
- Full blood count (FBC): White blood count 6,100, Hemoglobin 6.2 g/dL, Hematocrit 19.8%, Platelet count 589,000.
- ESR – 10mm /1st hour

2.1 What is the most likely diagnosis for his pallor? (01 marks)

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2.2 Write **three (03)** possible reasons for him to develop this condition. (03 marks)

I.

II.

III.

2.3 List **three (03)** other investigations you would perform to support the diagnosis you mentioned in 2.1. (03 marks)

I.

II.

III.

2.4 Write **three (03)** nursing diagnosis for this child. (06 marks)

I.

II.

III.

2.5 Briefly describe **four (04)** dietary advice/health advice you would give to the mother of this child. (04 marks)

I.

II.

III.

IV.

2.6 Mention **three (03)** public health measures practiced in Sri Lanka to prevent the condition you mentioned in 2.1 among Sri Lankan children. (03 marks)

- I.
- II.
- III.

Structured Essay Question - Part D (20 marks)

Question 01

1.1 Describe briefly **five (05)** instructions you would offer to mothers during health education on preventing urinary tract infections. (05 marks)

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1.2 Describe how you would educate parents on the care of their child with a cast at the time of discharging. (07 marks)

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1.3 A mother brought a 10-year-old girl was with a complain of yellowish stain on her under pants. On further questioning mother reported that child's grades at school have dropped over the previous few months. During nursing assessment, you noticed that the child is quiet and reluctant to interact with others because she was afraid that her mother would get angry if she talks with others.

On physical examination, her abdomen was soft and non-tender and her anogenital examination revealed erythema on the vaginal area, a hymenal transection and copious amount of yellowish-whitish vaginal discharge.

Discuss your role in caring above mentioned child under **five (05)** main duties. (08 Marks)

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