



KENYA METHODIST UNIVERSITY

END OF 2ND TRIMESTER 2009 EXAMINATIONS

FACULTY : **HEALTH SCIENCES**
DEPARTMENT : **NURSING**
UNIT CODE : **NRSG 324**
UNIT TITLE : **PAEDIATRIC NURSING**
TIME : **3 HOURS**

SECTION A (10 MARKS)

1. A classic form of tetralogy of fallot has the following defects:
 - a) Arterial septal defect, overriding aorta.
 - b) Pulmonary stenosis, left ventricular hypertrophy.
 - c) Arterial septal defect, tricuspid atresia.
 - d) Right ventricular hypertrophy, ventricular septal defect.
2. In Duchenne muscular dystrophy:
 - a) Inheritance is by autosomal recessive gene.
 - b) Ambulation is impossible by age of 12 years.
 - c) Onset of symptoms begins early in infancy.
 - d) Nursing care is aimed at slowing disease progression.
3. The following factors play a role in development of necrotizing enterocolitis except:
 - a) Intestinal ischemia.
 - b) Colonization by pathogenic bacteria.
 - c) Excessive breastfeeding.
 - d) Formula milk in the intestinal lumen.
4. The HIV and AIDs Act makes the following exception to rule of consent in children except:
 - a) A child who is pregnant.
 - b) A child who is married.
 - c) A child who is independent.
 - d) A child who is engaged in behavior that puts him/her at risk of contracting HIV.
5. A preterm infant has:
 - a) Deeply creased sole, abundant lanugo hair.
 - b) Pendulous scrotum, undescended testes.
 - c) Scarf sign present, strong grasp reflex.
 - d) Extended posture, heel to ear maneuver present.

6. Nursing interventions for the first 12 hours in a child with burns includes:
 - a) Monitoring vital sign, provide range of movements.
 - b) Monitoring intake output, encourage self care.
 - c) Intravenous infusion, observe for respiratory function.
 - d) Provision of warmth, counseling.
7. A child 9 months old with PCR positive, CD4% of 20 and exposure to nevirapine should receive the following regimen of antiretroviral drugs:
 - a) Zidovudine + Lamivudine + Nevirapine.
 - b) Zidovudine + Lamivudine + Efavirenz.
 - c) Zidovudine + Lamivudine + Kaletra.
 - d) Zidovudine + Lamivudine + Abacavir.
8. Cushing syndrome is;
 - a) Caused by reduced levels of circulating free cortisol.
 - b) Reversible.
 - c) Common in children.
 - d) Managed by corticosteroid therapy.
9. Indicate whether the following statement are true or false in management of cancer:
 - a) Antiemetic drugs are administered 30 minutes before chemotherapy.
 - b) Patients with haemoglobin <6g/dl should be transfused with packed cells.
 - c) Disease process should be explained according to child's age, severity of illness and coping mechanism.
 - d) Acetyl acetic acid is indicated for management of mild to moderate pain.

SECTION B (30 MARKS)

1. Explain management of a child with a convulsion (6 marks).
2. State four (4) clinical manifestations of hirschsprung disease in a newborn (4marks).
3. State four measures you would take to ensure a preterm infant maintains normal body temperature (4 marks).
4. Outline four (4) health messages you would share with a mother of a 6 year old child with mental retardation (4 marks).
5. State six (6) nursing interventions that would prevent haemorrhage in a child receiving treatment for nephroblastoma (6 marks).
6. Describe nursing responsibilities for the first 2 hours in management of a 14 month old child with sunken eyes and lethargy (6 marks).

SECTION C (30 MARKS)

1. Master Kelvin 6 months old has a weight of 4 kilograms, fast breathing and oral thrush.
 - a) Classify Master Kelvin illness according to IMCI guidelines (3 Marks).
 - b) Describe management of master Kelvin (11 Marks).
 - c) Explain six (6) factors that would influence growth and development of a child (6 Marks).
2. Master Tom two days old has bladder exstrophy and is scheduled for closure.
 - a) State six (6) nursing interventions for Master Tom during surgery (6 Marks).
 - b) Describe postoperative nursing management of Master Tom till discharge (14 Marks).