**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR TWO SEMESTER ONE EXAMINATION**

**SEPTEMBER 2014 KRCHN CLASS (PRE-SERVICE)**

**GENITO-URINARY EXAMINATION**

DATE: …………………… TIME:…………………..

**INSTRUCTIONS**

1. Read the questions carefully and answer only what is asked.
2. Enter your examination number and question number on each page used.
3. ALL questions are compulsory.
4. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet and each MCQ is one (1) mark.
5. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
6. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
7. Omission of and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
8. Do NOT use a pencil.
9. Mobile phones are NOT allowed in the examination hall.

For Examiner:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
|  |  |  |  |  |

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) GENITO-URINARY– 10 MARKS**

Q.1. The following are predisposing factors of lower urinary tract infections except:

1. Sexual intercourse.
2. Urine stasis.
3. Indwelling catheter.
4. Upper respiratory tract infections.

Q.2. Which of the following forms part of management of acute pyelonephritis:

1. Tablets nitrofurantoin.
2. Regular sits bath.
3. Kegels exercise.
4. Histamine 2 receptor antagonists.

Q.3. The following are prerenal causes of acute renal failure:

1. Bleeding, burn, diarrhoea and vomiting.
2. Bleeding, nephrotoxic substances.
3. Benign prostate hypertrophy, renal calculi, trauma.
4. Diarrhoea, tumours, prostate cancer.

Q.4. Dietary restrictions of chronic renal failure include the following except:

1. Fluid restrictions.
2. Sodium restrictions.
3. Carbohydrate restrictions.
4. Protein restrictions.

Q.5. Intravenous urography is indicated in:

1. Pregnant women with genito-urinary diseases.
2. Kidney stones.
3. Urinary tract infections.
4. Routine medical examinations.

Q.6. The nursing responsibilities of a patient undergoing cystoscopy include:

1. Obtain informed consent.
2. Keep patient nil per oral for 6 hours prior to procedure.
3. Warm sits bath to relax muscles.
4. All of the above.

Q.7. The most common form of kidney cancer is:

1. Transitional cell carcinoma.
2. Renal cell carcinoma.
3. Sarcoma.
4. Wilms tumour.

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) GENITO-URINARY– 10 MARKS**

Q.8. Which of the following factors can predispose one to neurogenic bladder:

1. Spinal cord tumour, sexual intercourse.
2. Multiple sclerosis, spinal cord injury.
3. Recurrent urinary tract infections, poor personal hygiene.
4. Urine stasis, stroke.

Q.9. Bladder diverticulum is:

1. Inflammation of the bladder wall.
2. Tumour of bladder wall.
3. Formation of pouches on the bladder wall.
4. Formation of bladder stones.

Q.10. Common tests included in renal function tests (RFTs) include the following except:

1. Serum creatinine and creatinine clearance.
2. Blood urea nitrogen levels.
3. Serum electrolyte levels.
4. Urine PH and specific gravity.

**PART TWO: SHORT ANSWER QUESTIONS – GENITO-URINARY – 20 MARKS**

Q.1. Draw and label a diagram of the urinary system. 4 marks

Q.2. State four (4) phases of acute renal failure. 4 marks

Q.3. List four (4) factors for development of bladder cancer. 2 marks

Q.4. Explain the pathophysiology of urolithiasis. 4 marks

Q.5. Differentiate between hypospadias and epispadia. 2 marks

Q.6. State four (4) nursing diagnosis for a patient within the first 24 hours post

prostatectomy. 4 marks

**PART THREE: LONG ANSWER QUESTIONS – GENITO-URINARY – 20 MARKS**

Q.1. Mr X has been admitted to male adult ward with a diagnosis of chronic renal failure.

1. State five (5) causes of chronic renal failure. 5 marks
2. Describe five (5) stages of chronic renal failure. 5 marks
3. Describe the medical and nursing management of Mr X till discharge. 12 marks
4. List three (3) complications that Mr X is likely to develop. 3 marks