**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR TWO SEMESTER ONE EXAMINATION**

**SEPTEMBER 2015 KRCHN CLASS (PRE-SERVICE)**

**BILLIARY & ALIMENTARY 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) BILLIARY & ALIMENTARY– 10 MARKS**

Q.1. The following are causes of peritonitis except:

1. Diverticulitis.
2. Trauma.
3. Peritoneal dialysis.
4. G I blooding.

Q.2. Which parts of G I that does Cohn’s disease affect:

1. Rectum and sigmoid colon.
2. Transverse and descending colon.
3. Terminal ileum and ascending colon.

Q.3. The following are risk factors for colorectal cancer except:

1. Bowel obstruction.
2. Family history.
3. Inflammatory bowel disease.
4. Diet high in fats.

Q.4. Obstruction of the intestinal lumen as a mechanical cause of intestinal obstruction include:

1. Tumours.
2. Inflammatory bowel disease.
3. Foreign bodies.
4. Adhesions.

Q.5. The following are complications of diverticular disease except?

1. Peritonitis.
2. Abscess formation.
3. Constipation.
4. Haemorrhage.

Write true or false for Q.6 – Q.10.

Q.6. The gastro-intestinal tract is composed of 31 years.

Q.7. Nutrients are reabsorbed along the jejunum and ileum.

Q.8. Duodenal ulcers accounts for 15%,

Q.9. Proton pump inhibitors block gastric secretion.

Q.10. Chronic gastritis is associated with risk of gastric cancer.

**PART TWO: SHORT ANSWER QUESTIONS – BILLIARY & ALIMENTARY – 20 MARKS**

Q.1. Give four factors that contribute to gastroesophageal reflex disease. 2 marks

Q.2. Outline the clinical manifestation of hiatal hernia. 5 marks

Q.3. Explain the pathophysiology of peritonitis. 5 marks

Q.4. List ten (10) complications of the cancer of the stomach. 5 marks

Q.5. Define dumping syndrome and discuss its manifestations. 3 marks

**PART THREE: LONG ANSWER QUESTIONS – BILLIARY & ALIMENTARY – 15 MARKS**

Q.1. Draw a well labelled diagram showing the stomach, common sites of gastric

and duodenal ulcers. 5 marks

Q.2. Mr Momanyi 56 years in admitted to male surgical ward with a diagnosis of

cancer of the oesophagus. Manage Mr Momanyi using nursing process for the

first 24 hours. 10 marks