**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR TWO SEMESTER ONE EXAMINATION**

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

**BILLIARY & ALIMENTARY DISEASES EXAMINATION**

DATE: 1 Dec. 2015 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:

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

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) BILLIARY & ALIMENTARY DISEASES – 10 MRKS**

Q.1. Which of the following is not a risk factor for cholelithiasis:

1. Obesity.
2. Diabetic mellitus.
3. Treatment with high doses of oestrogen.
4. Smoking.

Q.2. Gallstones can be classified into how many types?

1. 4.
2. 2.
3. 3.
4. None of the above.

Q.3. The incubation period for hepatitis C is?

1. 15 – 160 days.
2. 30 – 150 days.
3. 15 – 65 days.
4. None of the above.

Q.4. Which amongst these is not a form of liver cirrhosis?

1. Alcoholic cirrhosis.
2. Infectious liver cirrhosis.
3. Post necrotic cirrhosis.
4. Biliary cirrhosis.

Q.5. All these are functions of liver except:

1. Conversion of ammonia into urea.
2. Metabolism.
3. Bile formation.
4. Storage of all vitamins.

Write true or false for Q.6 – Q.10.

Q.6. Colorectal cancer begins as adenomatous polyps that arise in the rectum and sigmoid.

Q.7. Dumping syndrome occurs with total gastrectomy.

Q.8. Hepatic cancers are always primary in origin.

Q.9. Hepatitis D virus infection does not occur in some cases of hepatitis B.

Q.10. Cholesterol stones accounts for 75% of the cases of gall bladder diseases.

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

Q.1. List four (4) predisposing factors for hiatal hernia. 2 marks

Q.2. Briefly outline the management of acute gastritis. 3 marks

Q.3. Briefly describe the pathophysiology of intestinal obstruction. 5 marks

Q.4. Differentiate between acute and chronic gastritis. 2 marks

Q.5. List six (6) clinical presentation of decompensated liver cirrhosis. 3 marks

Q.6. Briefly outline the management of a patient with haemorrhoids. 3 marks

Q.7. Explain how the pancreas acts as an exocrine and endocrine organ. 2 marks

**PART THREE: LONG ANSWER QUESTIONS – BILLIARY & ALIMENTARY DISEASES – 20 MARKS**

Q.1. Discuss the various strains of hepatitis virus including their management

and prevention. 10 marks

Q.2. (a) Outline the pathophysiology of peptic ulcer disease. 5 marks

(b) Formulate two (2) nursing diagnoses of a patient suffering from peptic

ulcer disease. 2 marks

(c) List six (6) causes of peritonitis. 3 marks