**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR ONE SEMESTER TWO EXAMINATION**

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

**RESPIRATORY DISORDERS EXAMINATION**

DATE: 3/6/2015 TIME:1.30 – 4.30 PM

**INSTRUCTIONS**

1. Enter your examination number and question number on each page used.
2. ALL questions are compulsory.
3. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet.
4. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
5. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
6. 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.
7. Do NOT use a pencil.
8. 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) RESPIRATORY DISORDERS – 6 MRKS**

Q.1. The appropriate oxygen therapy of a patient with chronic obstruction – pulmonary disease:

1. 8 litres per minute via face mast.
2. 12 litres per minute via non-vebreather master.
3. 2 litres per minute via nasal cannula.
4. 5 litres per minute nasal cannula.

Q.2. Rhonchi are expiratory musical sound characteristic of:

1. Bronchial asthma.
2. Cardiac asthma.
3. Acute bronchitis.
4. Bronchopneumonia.

Q.3. The main management of a patient suffering from pneumothorax is:

1. Remove gas from the pleural cavity.
2. Administration oxygen.
3. Administer antibiotics.
4. Provide bed rest.

Q.4. The most specific and common symptoms of chest problems are:

1. Vomiting, fever, wheezing.
2. Wheezing, cyanosis, sputum production.
3. Expiratory grunting, nasal flaring, fast breathing.
4. Cough, dyspnoea, chest pain.

Q.5. Presence of air in the subcutaneous tissues of the chest and neck …………………………..

Q.6. Loss of lung elasticity and abnormal enlargement of the air spaces …………………………

**PART TWO: SHORT ANSWER QUESTIONS – RESPIRATORY DISORDERS –11 MARKS**

Q.1. List six (6) microorganisms causing pneumonia. 3 marks

Q.2. State four (4) predisposing factors to bronchial asthma. 4 marks

Q.3. Outline the pharmacological management of bronchial asthma. 4 marks

**PART THREE: LONG ANSWER QUESTIONS – RESPIRATORY DISORDERS – 12MARKS**

Q.1. A 62 year old man with an 8 year history of chronic bronchitis reports to Nyamira County Hospital.

1. Define chronic bronchitis. 1 mark
2. List four (4) signs he will manifest with. 2 marks
3. Explain management of chronic bronchitis. 4 marks

Q.2. State five (5) risks factors to chest tumours. 5 marks