

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**YEAR SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN NURSING**

**INS 2408: COMMUNICABLE DISEASES**

**DATE: AUGUST 2014 TIME: 2 HOURS**

**INSTRUCTIONS: Answer all questions in section A, B and C.**

**SECTION A: MULTIPLE QUESTION 5 MARKS**

1. The ability of an infectious agent to enter and multiply in the host is known as

 a. Virulence

 b. Bacteraemia

 c. Infectivity

 d. Pathogenicity.

2. The type of immunity conferred by the mother of a child against measles upto the age of 8 months is:

 a Artificial passive.

 b. Artificial active

 c. Natural active.

 d. Natural passive.

3. In Chicken pox a small superficial raised spot on the skin is known as

 a. Papule

 b. Macule

 c. Pustule

 d. Vesicle.

4. In one of the following conditions, the patient presents with a pseudo membrane in the throat.

 a. Streptoccocal sore throat

 b. Influenza

 c. Diphtheria

 d Pertussis

5. The blood picture of a patient who is on leprostatic agents should be monitored for :

 a. Agranulocytosis

 b. Leucopenia

 c. Thromocytopenia

 d. Erythroblastosis

**SECTION B SHORT ANSWER QUESTIONS (25 MARKS)**

6. State the factors that make the incubation period of rabies disease to vary from one patient to another. (5 marks)

7. Explain five (5) ways in which anthrax disease can be prevented. (5 marks)

8. Outline any five (5) strategies to be used in the control and prevention of communicable diseases. (5 marks)

9. Explain five (5) possible complications that can be encountered in patients with mumps disease the post puberty period. (5 marks)

10. State the five (5) clinical syndromes used in the syndromic diagnosis and management of sexually transmitted infections. (5 marks)

**SECTION C LONG ANSWER QUESTION (40 MARKS)**

11. Typhoid fever is a common disease in the tropical and sub-tropical regions of the world. Describe this disease under the following subheadings.

 i. Pathophysiology. (3 marks)

 ii. Clinical presentation. (5 marks)

 iii. Management. (6 marks)

 iv. Prevention and control. (6 marks)

12. Describe the clinical stages of syphilis and the related complications.

 (20 marks)