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**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE**

**PUBLIC HEALTH**

**3rd YEAR 2nd SEMESTER 2015/2016 ACADEMIC YEAR**

**MAIN CAMPUS**

**COURSE CODE: HPD 3321**

**COURSE TITLE: ANIMAL PATHOLOGY AND MEAT INSPECTION**

**EXAM VENUE:**

**STREAM: (BSc Public Health and BSc Comm Health and Dev)**

**DATE: EXAM SESSION:**

**TIME: 2.00 HOURS**

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**Instructions:**

1. **Answer all the questions in Section A and ANY other 2 questions in Section B.**
2. **Candidates are advised not to write on the question paper.**
3. **Candidates must hand in their answer booklets to the invigilator while in the examination room.**

**SECTION A**

1. What do you understand by the term “Disease”? (3 Marks)
2. Distinguish between “Aetiology” and “Pathogenesis” of a disease (3 Marks)
3. Distinguish between Hypertrophy and hyperplasia. (3 Marks)
4. Distinguish between general pathology and systemic pathology. (3 Marks)
5. List any three (3) cell adaptations to stress. (3 Marks)
6. Compare and contrast “necrosis” and “necrobiosis”. (3 Marks)
7. List three objectives of meat inspection. (3 Marks)
8. Differentiate between a “gross” lesion and a ‘microscopic’ lesion. (3 Marks)
9. List three hygiene requirements for slaughterhouse personnel in Kenya (3 Marks)
10. List three processes that may be used to eliminate risk in meat. (3 Marks)

**SECTION B**

1. As a public health officer, you have been tasked to propose ways to eliminate risk in meat sold within Kisumu town bus station. What would you recommend? (20 Marks)
2. Compare and contrast “Halal and Kosher” methods of slaughter (20 marks)
3. Discuss the purpose of ante mortem inspection of stock before slaughter. (20 Marks)
4. Discuss the sources of contamination of carcasses during dressing. (20 Marks)