

Environmental port health examination – final paper June 2012

Answer any 4 questions only

1. With reference to Port Health services:
 - a. Discuss the different branches/ facets of port health services [10]
 - b. Scope of Zimbabwe's port health services and the current legislative framework [10]
 - c. Challenges within the Zimbabwean port health services [5]

2. With reference to the international Health Regulations
 - a. Outline the major differences between the IHR and the International sanitary regulations [12]
 - b. Discuss the concept of public health events of international concern and these are covered within the national legislative framework [8]
 - c. The role of Port health services in implementing the provisions of the IHR [5]

3. Briefly discuss the import procedure for special cargo including the following
 - a. Key considerations for the Port health officer
 - b. Legislative framework governing importation of special cargo
 - c. Challenges a PHO may face in the importation of special cargo [25]

4. Discuss the following
 - a. Systems of certification [8]
 - b. benefits of third party certification [12]
 - c. The possible weaknesses of certification of food imports as a regulatory measure. [5]

5. Discuss food labelling with reference to:
 - a. Functions of food labelling [10]
 - b. Open date and food labelling regulations in Zimbabwe [8]
 - c. Implications of open date and labelling regulations of food importation. [7]

6. Discuss the factors that affect the growth of micro organisms in food and how these are applied in food preservation. [18]
 - a. Several factors have contributed to an increase in food importations. As a port health officer, what measures would you institute to ensure that imported food reaches the consumer in a wholesome state? [7]

Environmental port health – supplementary exam

1. Compare and contrast sanitary and phyto sanitary measures and technical barriers to trade. [12]
 - b. Codex food safety provisions recognised by both SPS and TBTs and the implications on food safety and quality [8]
 - c. Challenges a port health officer may face with regards to ensuring non violation of TBTs [5]

2. Using an example discuss how you would use HACCP as a risk management technique in food quality [18]
 - b. Out line the benefits of using HACCP in enhancing food safety. [7]

3. Zimbabwe has taken a stance to prevent the influx of genetically modified foods into the country. Develop a risk communication strategy to inform key stakeholders on GMOs. Your communication strategy should include elements of the following:
 - a. intended target of the communications
 - b. preferred communication methods
 - c. key messages to be addressed.What challenges do you envisage in developing this communication strategy [25]

4. Discuss food sampling with particular emphasis on
 - a. types of samples [10]
 - b. development of a sampling plan [5]
 - c. the concepts of buyer's risk and producer's risk and their implication on design of sampling plans [6]
 - d. challenges the port health officer may face in sampling [4]

5. Discuss
 - a. food adulteration [9]
 - b. falsely described food [9]
 - c. Measures a port health officer can institute to safeguard the nation from importation of falsely described and adulterated foods. [7]

6. Discuss port health services in the context of the following:
 - a. scope of port health services [13]
 - b. the policy and legal framework governing them [12]