1. What is the basic unit of nervous system? Differentiate between dendrite and axon. Describe the anatomical structures of the branches of the Autonomic Nervous System. (2+3+15=20)

2. Write about any two of the following: (2×10=20)
   (a) Pharmacological role of anticholinergic agent
   (b) Aflatoxicosis
   (c) Fluorosis

3. Explain etiology, pathogenesis, clinical signs, treatment and control of swine fever. (20)

4. What are the different methods of diagnosis of animal diseases? Write about the methods of collection and dispatch of various materials for diagnosis of bacterial, viral and parasitic diseases. (10+10=20)

5. Write the name of at least four parasitic zoonotic diseases. Describe about lifecycle, diagnosis and control of one parasitic zoonotic disease of man transmitted through pork. (4+16=20)

6. Highlight the importance of milk quality. Describe in detail the methylene blue reduction test and resazurin test as indicators of milk quality. (8+6+6=20)

7. Describe the preservation and maintenance of egg and egg products to avoid microbial spoilage. (20)

8. Write in detail about: (2×10=20)
   (a) Production of wholesome meat safe for consumer
   (b) Meat Inspection

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