

STRONG TOWER ACADEMY, IKORODU.

AGRICULTURAL SCIENCE

JSS 3 MOCK EXAMINATION ANSWERS

TEACHER: OLUKUMORO, O. A.

41. The causal organism of anthrax in farm animals is (a) *Bacillus anthracis* (b) *Brucella abortus* (c) *Mycobacterium* spp (d) *Aspergillus* spp

Answer: A – Anthrax

HINT: *Brucella abortus* causes brucellosis; *Mycobacterium* spp. causes Tuberculosis (TB); *Aspergillus* spp causes Aspergillosis

42. Foot and mouth disease is caused by a (a) nematode (b) virus (c) bacterium (d) fungus

Answer: B – Virus

HINT: The answer can never be NEMATODE (A) because nematodes only cause diseases in plants/crops. Foot and Mouth disease is an animal disease.

43. The following are farm machinery except (a) dibber (b) harrow (c) plough (d) ridger

Answer: A – Dibber (it is a small pointed stick used in making holes when planting seeds)

44. Which of the following is NOT a common method of fish preservation in Nigeria? (a) Canning (b) Freezing (c) Irradiation (d) Smoking

Answer: C – Irradiation (it involves the use of radiations like X- ray, gamma rays or electron beams to sterilize and improve food safety by extending the shelf life, reducing diseases, controlling insects and pests etc.)

45. Exhibitions organized to bring producers and buyers together in a conducive atmosphere to transact business is called (a) trade promotions (b) trade missions (c) trade fairs (d) export promotion.

Answer: C - Trade Fairs CHECK JSS 3 NOTE ON EXPORT PROMOTION IN AGRICULTURE

46. The first milk secreted by a cow immediately after calving is known as (a) colostrum (b) fresh milk (c) pasteurised milk (d) steamed milk (e) undiluted milk

Answer: A – Colostrum

47. Farm animals can be infected with diseases through the following ways except (a) bites from insect vectors (b) contact with infected droppings (c) feeding the animal with a particular food stuff (d) feeding on contaminated materials.

Answer: C – feeding animals with a particular foodstuff cannot infect animals with diseases. All the other options A, B and D will.

48. Which of the following diseases can be transmitted to poultry by stale feed, contaminated feed and water? (a) Anthrax (b) Coccidiosis (c) Brucellosis (d) Rinderpest

Answer: B – Coccidiosis

Hint: Anthrax, Brucellosis and Rinderpest are not poultry diseases. Only Coccidiosis is.

REFER TO YOUR NOTE ON DISEASES OF ANIMALS IN JSS 2

49. A poultry farmer was advised to dispose all his sick old stock and sanitize the poultry house before the arrival of his new purchased stock. What might be the reason for the advice? To (a) avoid pecking and cannibalism in the farm (b) reduce the cost of old stock production (c) reduce the spread of diseases in the farm (d) meet up with seasonal market demand

Answer: C

50. Who should be consulted in preventing and controlling diseases? A/An (a) agronomist (b) nurse (c) veterinarian (d) nutritionist

Answer: C – Veterinarian a.k.a Veterinary doctor (Vet. Doctor)

51. In poultry, when a bird lays a soft-shelled egg, which of the following is lacking in the feed of the animal? (a) Calcium (b) Protein (c) Vitamin C (d) Fat

Answer: A – Calcium (calcium and phosphorus are needed for strong bones, teeth, strong egg shell)

52. A farmer who administered iron dextrin injection to his piglets intends to prevent (a) anaemia (b) bloat (c) anthrax (d) rickets

Answer: A – Anaemia

53. The disease that affects only female animals is (a) anthrax (b) foot and mouth disease (c) mastitis (d) fowl pox

Answer: C – Mastitis (it is a disease of the udder)

54. The removal of an animal from the rest of the flock due to illness is called (a) culling (b) vaccination (c) medication (d) good sanitation

Answer: A – Culling

Illness IS NOT the only reason for culling. Other reasons include:

- i. Sickness or ill health
- ii. Old age
- iii. Poor performance or productivity
- iv. Vices like pecking, egg eating and cannibalism
- v. Poor growth especially in meat birds
- vi. Presence of deformities

Advantages/ Benefits of culling

1. Reduction in the incidence and spread of poultry disease/ pest
2. Egg eating, cannibalism etc. are minimized
3. The remaining birds have a larger floor space
4. The extra cost of feeding unproductive birds is eliminated

55. Which of the following is NOT a branch of agricultural science? (a) Crop science (b) Veterinary medicine (c) Horticulture (d) Botany

Answer: D – Botany