



Menoufia University
Faculty of Veterinary Medicine
Dept. of Veterinary Hygiene and Zoonosis

مقرر صحة الحيوان والدواجن والبيئة

Final written exam – 20232

Date: 6-6-2023

Time: 2 hrs.

No. of pages: 5

Grades: 25

A. Choose the correct answer. (10 marks)

1. Application rate of Foam Cleaning is

- a. 300 ml/m²
c. 500 ml/m²

- b. 400 ml/m²
d. 250 ml/m²

2. Temperature in poultry farms decreased gradually -----daily till maintained at 18- 21⁰ C

- a. 5⁰ C
c. 1⁰ C

- b. 2⁰ C
d. 0.5⁰ C

3. Numbers of birds / m² in broiler closed systems are-----

- a. 9 – 10 bird / m²
c. 17 – 18 bird / m²

- b. 30 – 60 bird / m²
d. 7 – 10 bird / m²

4. -----is to prevent the spread of current and existing pathogen amongst animal groups within a farm or the release from the farm.

- a. Bio exclusion
c. Biocontainment

- b. eradication
d. prevention

5. -----occurs when temp. reaches 29 – 30⁰C, panting - reduction of CO₂ conc. and change of blood pH.

- a. Ascites
c. Heat stress

- b. Alkalosis
d. digestive disturbance

6. Application of extracting fans in face of cooling pad is called -----

- a. Tunnel ventilation
c. Natural ventilation

- b. Cross ventilation
d. Roof ventilation

7. Horses traveling longer than 24 hours must be fed, watered, and rested for not less than prior to restarting their journey.

- a. 2 hours
c. 12 hours

- b. 5 hours
d. 24 hours

8. The most satisfactory method of transporting cattle is by-----

- a. Trekking
c. Railway station

- b. Road motor vehicle
d. by air

9. The safe methods used in quarantine for disposal of dead animal and their waste are

- a. Burning and Rendering
- b. Composting and Rendering
- b. Incineration and deep burial.
- d. All answers

10. Water size resulted from thermal fogging is between

- a. 5-20-micron
- b. 50-100 micron
- c. 100 - 150-micron
- d. 200 micron

11..... is considered a notifiable disease for cattle.

- a. FMD
- b. Bovine mastitis
- c. Bovine Salmonellosis
- d. Bovine anemia

12. Heat stress in milking animals can reduce milk production up to.....

- a. 10-25%
- b. 5-10%
- c. 40-50%
- d. 20-40%

13. Monitoring of number of flies is the step in the control program.

- a. first
- b. second
- c. third
- d. fourth

14. Dipping the ewe after shearing by about month to allow the cuts and scratches taken during shearing to heal.

- a. one
- b. three
- c. six
- d. ten

15. is used to develop an immune zone all around an area of actual infection and prevent the spread of disease.

- a. Vaccination
- b. medication
- c. Quarantine.
- d. treatment

16. is the required lux for broilers.

- a. 100 lux
- b. 5 -10 lux
- c. 80 -100 lux
- d. 20 - 40 lux

17. TADS could gain the access through.....

- a. insect vectors
- b. dead carcass
- c. high temperature
- d. None of them

18. is the application of health control measures to prevent introduction and spread of new infectious agents into flocks.

- a. Bio exclusion
- b. eradication
- c. Biocontainment
- d. prevention

19. Knowing the feeding habitat of the insects is essential for

- a. Monitoring their numbers
- b. Good managerial actions.
- c. Genetic modification
- d. Correct parasite identification

20. Conceptual Biosecurity means-----

- a. Site planning
- b. Farm Design
- c. Biocontainment
- d. Day to Day running.

B. Put true or false for the following statements with the correction. (5 Marks)

- B. Put true or false for the following statements with the correction.**
1. Faulty transportation may contribute to poor animal welfare and loss of production.
 2. Glutaraldehyde and QACS disinfectants can be applied by foaming.
 3. Overstress is the class of stress in which an animal is exposed to a high level of suffering.
 4. Active immunization gives temporary immunity following exposure to a pathogen or when a disease threatens to take an epidemic form.
 5. Dead carcasses during the quarantine disposed of by any available method.
 6. In organic soil is cleaned by alkaline detergent
 7. Fumigation process is a suitable method for aerial sanitation.
 8. Breaking the connection between the source of the infection and susceptible animals by mass immunization
 9. Infected zone includes the area between the restricted zone and the boundary of the control area.
 10. There are three major ways of spraying livestock: spray races, pour on and hand spraying.

C. Answer the following questions: (5 Marks each)

1. Steps of General Adaptation Syndrome

Steps of Generalization:

1. Identify the target behavior.
2. Define the behavior in observable and measurable terms.
3. Establish a baseline.
4. Select the teaching strategy.
5. Implement the teaching strategy.
6. Monitor and evaluate the behavior.
7. Generalize the behavior.

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