

(4)

4. Why is housing of poultry needed? What are the essentials of good housing? 5
5. Mention the points to be considered for selection of site for poultry housing. 5
6. What is deep litter system? Write in details about litter management. 5

★ ★ ★

Total No. of Printed Pages—4

**HS/XI/V/PF/PHM(Paper-II)/22**

**2022**

**POULTRY FARMING**

**POULTRY HOUSING AND MANAGEMENT**

**( Paper - II )**

**( THEORY )**

*Full Marks : 30*

*Time : 2 hours*

*The figures in the margin indicate full marks for the questions*

*General Instructions:*

- (i) Write all the answers in the Answer Script.
- (ii) All questions are compulsory.
- (iii) Attempt all parts of a question together at one place

**1.** Write 'T' for *true* and 'F' for *false* statement :  $1 \times 5 = 5$

- (a) Damp litter is a predisposing factor for coccidiosis and fungal diseases in poultry.
- (b) Racking of litter should be done everyday.
- (c) Californian cages are also known as single-tier cages.

**(2)**

- (d) Flat-deck cages are multi-tier cages for rearing of poultry.
- (e) Approximately 40 layer-type birds kept on deep litter for about a year, can produce 1 tonne of manure.

**2.** Fill in the blanks with appropriate word(s):  $1 \times 5 = 5$

- (a) Floor space requirement per broiler chicken on deep litter is \_\_\_\_\_.
- (b) Floor space requirement per layer chicken on deep litter is \_\_\_\_\_.
- (c) Poultry deep litter is a source of \_\_\_\_\_ (vitamin).
- (d) The gable type house of poultry has \_\_\_\_\_ roof.
- (e) The optimum moisture level of deep litter should be \_\_\_\_\_.

**3.** Choose the correct answer:  $1 \times 5 = 5$

- (a) Which system is the best for commercial poultry keeping in rural India?
  - (i) Free range system
  - (ii) Semi-intensive system
  - (iii) Deep litter system
  - (iv) Cage system

**(3)**

- (b) A broiler poultry shed of 25 ft × 10 ft under deep litter system can accomodate
  - (i) 125 birds
  - (ii) 250 birds
  - (iii) 325 birds
  - (iv) 375 birds
- (c) Improper ventilation in poultry house may cause
  - (i) Accumulation of carbon monoxide
  - (ii) Accumulation of ammonia
  - (iii) Wet litter condition
  - (iv) All of these
- (d) Cage layer fatigue is a problem associated with
  - (i) Deep litter system
  - (ii) Battery system
  - (iii) Semi-intensive system
  - (iv) Folding unit system
- (e) What type of roof of poultry house is preferred in hilly areas?
  - (i) Monitor type roof having ridge ventilation
  - (ii) Slopy roof
  - (iii) Straight roof
  - (iv) None of these