

CERTIFICATE IN POULTRY FARMING (CPF)

Term-End Examination

December, 2019

OLPI-002 (Mizo) : POULTRY FEEDS AND FEEDING

Time : 2 hours

Maximum Marks : 50

Note : (i) *Answer any five questions.*

(ii) *All questions carry equal marks.*

1. A hnuai a chaw chi hrang hrang te entirna pahnih theuh ziaak rawh :
 - (a) Common Energy Source
 - (b) Unconventional Energy Source
 - (c) Common Animal Protein Source
 - (d) Common Vegetable Protein Source
 - (e) Unconventional Vegetable Protein Source
2. (a) A hnuai a mite awmna (source) pakhat theuh ziaak rawh :
 - (i) Calcium
 - (ii) Phosphorus
 - (iii) Iodine
 - (iv) Vitamin A
 - (v) Vitamin E

(b) A hnuai a mite tlak chham (deficiency) a a lo lan chhuah dan (sign/symptoms) pakhat theuh ziaak rawh :

 - (i) Sodium and Chloride in Layer
 - (ii) Iron in chicks
 - (iii) Vitamin E in chicks
 - (iv) Calcium in Layer
 - (v) Niacin in Chicks
3. Heng hi hrilh fiah rawh :

(a) Acidifier	(b) Antibiotics
(c) Pro-biotics	(d) Mycotoxins
(e) Goitrogens	
4. Exogenous toxicants leh endogenous toxicants danglamna sawi la. Entirna pathum ve ve ziaak ang che.
5. A hnuai mite chanchi tawi (Short notes) ziaak rawh :
 - (a) Feed formulation
 - (b) Feed utilization of layer

6. Ar chaw (feeds) chi hrang hrang te zia la, pahnih kimchang takin hrilfiah ang che.
 7. A hnuai a mi te hi kim chang takin hrilhfiah (describe) rawh.
 - (a) Phase feeding
 - (b) Khawvawh lai a ar chaw pek (Feeding of Chicken during cold weather condition)
 8. (a) A lam pum zia rawh :
 - (i) FCR (ii) FE (iii) BIS (iv) ICU
 - (v) CLFMA
 - (b) Japanese Quils leh Turkey chaw pek dan (Feeding management) kim chang takin zia (describe) rawh.
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