

WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

Faculty of Veterinary & Animal Sciences

First Professional Year B.V.Sc. & A.H. Second Internal Assessment, 2021-22

Subject: Livestock Production Management

Full Marks (Section I & II) – 40

Total Time (Section I & II) – 1 hour

SECTION – I

[Objective]

Name.....

Roll No.

Signature of invigilator

INSTRUCTION

Candidates are requested to check 4 pages of question paper (Section-I) before start answering. Answer all the questions, as directed, in the space provided. **Correction in any form may not be considered.**

For Office Use only

Q. No.	Section-I (Objective Type)				
	Total marks: 16				
	I	II	III	IV	Total
Marks obtained					

Examiner's Signature

Section-I

0.5 x 8 = 4

I. Tick (✓) the correct answer out of the alternatives given.

1. On the basis of the body weight, how much of colostrum should be fed daily to a new-born calf?

- (a) 1/5th
- (b) 1/10th
- (c) 1/12th
- (d) 1/20th

2. Optimum brooding temperature during the first week of brooding in day old chicks is

- (a) 106.7 ° F
- (b) around 90-95 ° F
- (c) the prevailing room temperature
- (d) always lower than the body temperature of the chicks

3. Harmful chemical present in Sorghum fodder is

- (a) H₂S
- (b) CH₄
- (c) HCN
- (d) 2HO

4. Steaming up is the practice of feeding extra ration to a cow

- (a) about 90 days after breeding
- (b) at the time of insemination
- (c) during last 2 weeks of pregnancy
- (d) after 5 to 5½ months of pregnancy onwards

5. Expression of innate behaviour of commercial poultry can be achieved in

- (a) Cage rearing system
- (b) Deep litter system
- (c) Backyard poultry
- (d) None of the above

6. ZOAWK is a pig breed of

- (a) Assam
- (b) Mizoram
- (c) Kerala
- (d) Bihar

7. National Centre for Organic & Natural Farming was established in the year

- (a) 2001
- (b) 2002
- (c) 2003
- (d) 2004

8. Which is a draught breed of cattle
(a) Amritmahal
(b) Tharpakar
(c) Gir
(d) None of the above

II. Fill in the blanks.

0.5 x 8 = 4

1. Additionally, _____ of drinking water should be provided to a lactating cow for every litre of milk production.
2. Calcium requirement in the feed of a laying hen is around _____ per cent.
3. _____ is the fourth most important grain crop.
4. Yolk makes about _____ per cent of total weight of a chicken egg.
5. _____ is a crossbred pig evolved by crossing Hampshire and Ghungroo.
6. The scientific name of yak is _____
7. Hypomagnesemia is also called _____.
8. Permissible ammonia level in poultry shed is below _____.

III. Mark the following statements as True or False.

0.5 x 8 = 4

1. Weaning may be done by separating calf from its mother on the day of birth.....
2. Minimum land requirement is an advantage for intensive poultry production.....
3. For commercial pig farming one litter/year is ideal.....
4. Air cell is an indicator of freshness of egg.....
5. Curled toe paralysis in poultry is due to deficiency of Vitamin B₁
6. Cowpea is considered a drought-resistant crop.....
7. Maternal cannibalism is observed in the behaviour of pig.....
8. Dressing percentage of goat and pig are almost equal.....

IV. Name the following

0.5 x 8 =4

1. The inner thick white layer of albumen

Ans: _____

2. Care and management of day-old chicks during early part of their life with provisions for artificial heat

Ans: _____

3. The condition of closed anus of new-born calf

Ans: _____

4. A livestock disorder due to accumulation of gas in the rumen caused by fermentation of green grass.

Ans: _____

5. To take care of naval cord of new-born calf, this antiseptic solution should be painted at the naval cord.

Ans: _____

6. An improved variety of poultry suitable for rural farming.

Ans: _____

7. The international basic standards of organic farming maintained in India

Ans: _____

8. Record expressing reproductive performance of a dairy herd

Ans: _____

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Livestock Production Management

Full Marks (Section I & II) – 40

Total Time (Section I & II) – 1 hour

SECTION – II
[Subjective]

Name.....

Roll No.

Signature of invigilator

INSTRUCTION

Candidates are required to check 2 pages of question paper (Section-II) before start answering. Loose Sheets will be supplied by the invigilator for answering this Section. **Answer the questions, as directed, strictly maintaining serial number of the questions.** Special credit will be given for answers which are brief and to the point. Marks will be deducted for spelling mistakes, untidiness and poor handwriting.

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Q. No.	Section-I (Objective)	Section-II (Subjective)			TOTAL (40)	Weightage (10)
	Total marks: 16	Total marks: 24				
	I to IV	V	VI	VII		
Marks Obtained						

Examiner's Signature

V. Write short notes (any four).

4 x 2 = 8

1. Breaking-in of heifers
2. Raking of litter
3. Common poultry feed ingredients
4. Spilt weaning in pig
5. Regional Offices to promote organic livestock farming (NSOP, 2000)

VI. Differentiate (any four).

4 x 2 = 8

1. Production ration and Gestation ration
2. Orientation of poultry shed in hot and cold climate
3. LIT and indigenous poultry
4. Pen mating and Hand mating
5. Investigative behaviour and Allelomimetic behaviour

VII. Justify (any four).

2 x 4 = 8

1. Duck egg is better than chicken egg.
2. Multi use of litter improves production efficiency in broiler farm.
3. Brooding is necessary in day old and young chicks.
4. Buffalo bullock is termed as 'Living Tractor'.
5. Loss of milk yield in dairy bovine may be due to improper handling and careless treatment.

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