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**GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY UNIVERSITY,
ODISHA, GUNUPUR
(GIET UNIVERSITY)**

**B. Sc. (Ag.) (Sixth Semester) Examinations, April – 2025
LPM 321– Livestock and Poultry Management**

Time: 2 hrs

Maximum : 50 Marks

The figures in the right hand margin indicate marks.

PART – A

Q.1. Fill in the blanks with suitable word / figure.**(0.5 x 10 = 5 Marks)**

- a. Full form of FMD is _____
- b. _____ hours a day, the animal is availed with feed in an intensive system of rearing.
- c. India ranks _____ in the world in Milk production.
- d. _____ number of goats constitutes One livestock basal unit.
- e. Jet Black colour is found in _____ breed of Buffalo.
- f. _____ m² area of floor space is required to maintain 02 bulls inside the shed.
- g. _____ breed of Buffalo is found in Odisha famous for salt water survival skills.
- h. Scientific name of Subabul Tree is _____
- i. Gestation period in Cows is _____ days.
- j. The ration of Concentrate to Roughage in feed is _____

Q. 2. Define (or) Explain the following in one or two sentences.**(1 x 5 = 5 Marks)**

- a. LTLT Pasteurization.
- b. Enlist some contributions of Animal Husbandry to Indian economy.
- c. Flushing ration to a pregnant Animal.
- d. Stocking Rate.
- e. Enumerate various types of Manual Milking methods.

Q3. Match the following**(0.5 x 10 = 5 Marks)**

Column – A	Column – B
(a) Adult male goat	(i) Ewe
(b) Adult female sheep	(ii) Pure-line Cross
(c) Gir	(iii) A1 Milk
(d) Sahiwal	(iv) A2 Milk
(e) Jersey	(v) Ram
(f) Murrah	(vi) Non- Descript Animals
(g) Dairy farm	(vii) Gujrat
(h) Inbreeding	(viii) Ammonia Gas
(i) Grading Up	(ix) Methane Gas
(j) Poultry Farm	(x) Haryana

Q4. Write True or False against each statement

(0.5 x 10 = 5 Marks)

- a. Livestock sector is the largest employer in our country.
- b. Sahiwal breed is the best dairy indigenous breed of India.
- c. Buffalo Milk is Yellow in colour due presence of carotenoids, precursor of Vit A
- d. Meat of Sheep is called Chevron.
- e. Pashmina is a fur obtained from Merino sheep.
- f. Semi-intensive system is the Least profitable system of farming for farmers.
- g. Most Adaptable exotic breed of cattle is Jersey in Indian Condition.
- h. Crossbred of Brown Swiss and Red Sindhi at developed at NDRI is called Karan Swiss.
- i. India Ranks 10th is camel population.
- j. 1 livestock basal unit is 20 cows.

PART – B

Attempt ANY FIVE questions. All question carries equal marks

(6 x 5 = 30 Marks)

- 5. Discuss the importance of livestock in Indian agriculture.
- 6. Discuss the importance of goats in Indian agriculture.
- 7. Discuss Care and management of a new born calf.
- 8. Discuss Pasteurization and its merits.
- 9. Discuss the importance of Sheep in Indian agriculture.
- 10. Artificial Insemination- discuss its advantages and disadvantages.

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