

Seat Number

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April-2016



किनार - 018

ZOOLOGY PAPER - II : ZOO-122
Applied Zoology - I (Goatary and Lac Culture)
(115202)

P. Pages : 3

Time : Two Hours

Max. Marks : 60

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory and figures to the right indicate full marks.
5. Draw neat labelled diagrams wherever necessary.

1. a) Multiple choice questions **any six**.

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- i) Goat produces annually around _____ kg of dry manure.
a) 100 b) 110
c) 120 d) 130
- ii) _____ is famous for pashmina production.
a) Bengal c) Gaddi
c) Barbari d) Gangam
- iii) Nutrient requirement in goat are higher during _____.
a) Lactation b) Pregnancy
c) kidding d) Adult
- iv) To prevent growth of _____ is called dehorning.
a) Ears b) Horns
c) Hoofs d) Tail.
- v) Lac is the sticky _____ substance secreted by lac insect.
a) Resinous b) Proteinous
c) Lipoid d) None

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vi) Ranjeeni crop is of two types i.e. Kartiki and -----

- | | |
|-------------|-----------|
| a) Baisakhi | b) Jethi |
| c) Aghani | d) Kusumi |

vii) Lac contain ----- % of the wax.

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|--------|----------|
| a) 6-7 | b) 5-10 |
| c) 3-4 | d) 40-50 |

viii) ----- meat is commonly called chevon.

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|---------|-----------|
| a) Goat | b) Sheep |
| c) Pig | d) Rabbit |

b) Answer in one sentence **any six**.

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- i) What are the goat product.
- ii) Write the names of different goat breeds for milk production.
- iii) Enlist the states of southern – peninsular region.
- iv) What are the function of goat testis.
- v) What is castration.
- vi) What is lac culture.
- vii) What are pruning.
- viii) Enlist predators of Lac Insect.

2. Define/Explain/comment **any six**.

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|------------------------------|----------------|
| a) Explain sangamneri breed. | b) Dry matter. |
| c) Colostrum. | d) Swarming. |
| e) Kusumi Lac. | f) Luxagriha. |
| g) Marwari breed. | h) Dehorning. |

3. Attempt **any four** from following.

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- i) Give the distribution of malbari.
- ii) Write any three uses of Lac.

- iii) Write the causes of energy deficiency in goat.
- iv) Sketch and label Lac insect-winged male.
- v) Symptoms of infected goat with external parasites.
- vi) Explain care of feet in goats.

4. Attempt any three from following.

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- i) What is blot? Describe prevention and treatment of blot disease in goat.
- ii) Sketch and label c.s of goat testis.
- iii) Describe prevention of health care in goats kids.
- iv) Write a note on feeding of pregnant goat.
- v) Give the breed characteristics of Ganjam.

5. Describe in detail any two.

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- i) Describe distribution and characteristic of osmanabadi breed.
- ii) Describe the reproductive system of female goat.
- iii) Describe life cycle of lac insect.
