

PARUL UNIVERSITY
COLLEGE OF AGRICULTURE

B.Sc. (Hons.) Agriculture Winter 2018 - 19 Examination

Semester: 3

Date: 26/11/2019

Subject Code: 20112202

Time: 2:00pm to 4:30pm

Subject Name: Livestock and poultry management

Total Marks: 50

Instructions

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Do as Directed.**A. Fill in the blanks. (Each of 0.5 marks)****(05)**

1. India produces of total milk produced in the world.
2. India has about Km of coastline and aboutof fresh water area.
3. Poultry manure contains.....% N,% P,.....% K
4. More than% of the population depends directly or in directly on agriculture.
5. Removal of unwanted animals from the herd is known as.....
6. Products of biogas plant are..... ,.....
7. Total fish production is abouttones
8. Feed milk to the calves for first weeks of life.
9. Largest milk producing country is.....
10. Cattle manure contains.....% N,.....% P,.....% K

B. Multiple choice type questions. (Each of 0.5 marks)**(10)**

1. New born cattle below one year old is known as

a) Calf	c) Heifers
b) Cow	d) Bull
2. Removal of worms from animal body is known as

a) De-horning	c) Weaning
b) De-worming	d) Calving
3. India stands in egg production andin broilers.

a) 5 and 18	c) 5 and 28
b) 4 and 18	d) 4 and 28
4. is a dual purpose bird.

a) Bursa	c) Kedaknath
b) Chittagong	d) Assel
5. Kamrupa is a dual purpose bird found in

a) Jharkand	c) Assam
b) Kerala	d) Rajasthan
6. is a exotic breed

a) Jersi	c) Gir
b) Khankerj	d) Sahiwal
7.percentage egg of country produced in AP, Tamil Nadu and Maharashtra

a) 80	c) 75
b) 85	d) 70
8. Navel should be dipped in

a) Tincture iodine	c) Hydrochloric acid
b) Sodium bicarbonate	d) Pottassium permanganate
9. A2 milk is produced by

a) Exotic breeds	c) Native breeds
b) Both	d) none of the above
10. Dark material that have collected from the intestine of unborn calf

a) Colostrum	c) phlegm
b) Muconium	d) Mucous
11. A dual purpose bird, which is also known as Malay

a) Assel	c) Kamrupa
b) Jharsim	d) Chittagong

12. Dual purpose coloured bird for Rajasthan
 a)Pratapdhan
 b)Kamrupa
 c) Chittagong
 d)Jharsim
- 13..... Is locally known as Kalamasi
 a) Cari shyama
 b)Hitcari
 c) Cari Priya layer
 d) None of the above
14. Breeds from The Directorate of Poultry Research(ICAR), Hyderabad
 a)Caribro- dhanaraja
 b) Turkey
 c)Krishibro
 d) Cari Sonali layer
- 15.Oldest and almost outdated housing system of poultry
 a) Extensive system
 b) Semi-intensive
 c) Folding unit
 d) Intensive system
16. Nearly.....% of total National income is derived from Animal husbandry
 a) 15
 b) 13
 c) 11
 d) 12
- 17.NPK% of sheep manure
 a) 2.5-1.5-1.5
 b) 1.75-1.75-1.00
 c) 4.5-3.2-1.35
 d) 1.34-0.90-0.85
- 18.The growth rate of poultry sector is
 a) 8-12%
 b) 8-10%
 c) 9-12%
 d) 9-10%
19. Milk contains
 a) proteins
 b) vitamins
 c) carbohydrates
 d) all the above
20. For 2 cows of land is essential for fodder production
 a) 1 acre
 b) 3 acre
 c) 2 acre
 d) none of the above

Q.2 Do as Directed.

A. Define the following. (Any five)

(05)

- 1.Livestock
- 2.Professional breeders
- 3.Lactation
- 4.Milch breeds
- 5.Roughage
- 6.Poultry
- 7.Weaning

B. Answer the following. (Any Five)

(05)

1. Write the basic principles of animal husbandry.
2. Why dewlap is absent in exotic breeds and present in native breeds
3. Give the characteristics of Gir cow.
- 4.Difference between exotic and native breeds
5. Enlist the types of pure Indian breeds of poultry?
6. How cattle and buffalos are useful to Indian economy?
7. The first dose of deworming is given how many days after the birth and what is the interval for deworming?

Q.3 Write short notes. (Anyfive)

(10)

1. Write three reference books of LPM with authors name.
2. What is tail to tail system? what are its advantages?
3. Explain the advantages and disadvantages of intensive system?
- 4.Explain the characteristics of Kadaknath
5. Explain the systems of calf raising.
6. What is milk vein? what it indicates?

Q.4 Attempt any Three/Long Questions/Example

(15)

1. What is colostrum? Explain about the care should be taken for new born calves.
2. Explain the housing system of poultry in detail.
3. Explain the features of any 3 poultry birds in detail.
4. A chicken farmer produces 622 kg of chicken carcass in 6 weeks. The bird consumes a total 1234 kg of feed. Calculate FCR.