

**PARUL UNIVERSITY  
COLLEGE OF AGRICULTURE**

**B.Sc. (Hons.) Agriculture Winter 2022-23 Examination**

Semester: 3

Date: 19-10-2022

Subject Code: 20112202

Time: 10:30 am to 01:00 pm

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 0.50 marks)****(05)**

1. In India .....of the rural families reared own livestock.
2. Father of white revolution is/was .....
3. The livestock population of our country as per 2012 livestock census is .....
4. Which rank secured by India in livestock population .....in world.
5. The per capita milk availability in India is ..... during 2017-18.
6. Operation Flood was started in which year ..... by Government of India.
7. The farming system in which type of farming system is 50 % or more of the receipts (output) are obtained from a single source is called .....
8. The farming system in which the animals are let out/free for grazing in large areas of land that are not suitable for agriculture is termed “.....”.
9. The .....largest/heaviest breed of cattle in India.
10. Which is the best milch cattle breed of Gujrat state .....

**B. Multiple choice type questions. (Each of 0.50 mark)****(10)**

1. Scientific name of Indian Buffaloes.
 

a) <i>Bubalus arnee</i>	c) <i>Bubalus bubalis</i>
b) <i>Bos indicus</i>	d) <i>Bos taurus</i>
2. National Dairy Development Board is located.
 

a) Karnal	c) New Delhi
b) Ludhiana	d) Anand
3. Adult male cattle that is castrated and used for work purpose is called?
 

a) Steer	c) Buck
b) Bullock	d) Ram
4. The act of giving birth in cattle and buffalo is called?
 

a) Kidding	c) Serving
b) Lambing	d) Calving
5. First domesticated animal by man.
 

a) Cattle	c) Goat
b) Dog	d) Horse
6. Which cattle breed have long pendulous ears?
 

a) Sahiwal	c) Gir
b) Red Sindhi	d) Tharparkar
7. Sahiwal cattle also known as
 

a) Surti	c) Lola
b) Mahi	d) Mysore
8. Sawai chal term belong to
 

a) Kankrej	c) Gir
b) Deoni	d) Sahiwal
9. The origin of Holstein Friesian cattle.
 

a) Australia	c) Holland
b) Denmark	d) Italy
10. Which exotic breed of cattle is more tolerant of heat?
 

a) Red Dane	c) Guernsey
b) Holstein Friesian	d) Jersey
11. Jet black colour and curved horns is main character of which buffalo
 

a) Murrah	c) Jaffrabadi
b) Nili Ravi	d) Mehsana
12. Which exotic cattle breed milk have maximum fat content?

- a) Red Dane  
b) Holstein Friesian
13. Which buffalo breed known as Panch Kalyani?  
a) Kundi  
b) Nili Ravi
14. Which animal is called foster mother of man?  
a) Cow  
b) Buffalo
15. Which buffalo milk have maximum fat content?  
a) Pandharpuri  
b) Bhadawari
16. Which goat breed is known as “Pashmina goat”?  
a) Jamunapari  
b) Sirohi
17. Which poultry breed popular for fighting purpose?  
a) Aseel  
b) Kadaknath
18. Which goat breed is called “Queen of Goat”?  
a) Angora  
b) Saanen
19. Goat is a poor man’s cow’ in India words used by  
a) Shri. Sardar Vallabhbhai Patel Ji  
b) Shri. Jawaharlal Nehru Ji
20. Which poultry breed famous for black meat?  
a) Busra  
b) Ghagus
- c) Jersey  
d) Guernsey
- c) Murrah  
d) Bhadawari
- c) Goat  
d) Sheep
- c) Jaffrabadi  
d) Surti
- c) Changthangi  
d) Barbari
- c) Chittagong  
d) Dangi
- c) Nubian  
d) Toggenberg
- c) Shri. Mahatma Gandhi Ji  
d) Shri. Lal Bahadur Shastri Ji
- c) Kalahasti  
d) Kadaknath

**Q.2 Do as Directed.**

**A. Define the following. (Any Five)**

1. Livestock
2. Animal Husbandry
3. Freemartin
4. Bull
5. Animal Breeding
6. Loose housing system
7. Poultry

**(05)**

**B. Answer / Explain the following. (Any Five)**

1. Safe milk
2. Animal breeding
3. Karan Fries
4. Maintenance ration
5. Silage
6. Vitamins
7. Hormones

**(5)**

**Q.3 Write short notes. (Any five)**

1. Clean milk
2. Pasture
3. Digestion
4. Weaning system
5. Branding
6. Hand milking

**(10)**

**Q.4 Differentiate the following. (Any Three)**

1. Describe milking methods
2. Describe reproduction in livestock
3. Explain ruminant digestive system in livestock
4. Sterility v/s Infertility

**(15)**