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Assignment No. 1

Taxonomic Classification of
Dairy Animal

BSc. First Year

Sem - I

Sub - Dairy Science

Paper No. - I

Paper Name :- Dairy Farming
in India.

ACA YEAR - 2022 - 2023

ASSIGNMENT NO- 1

TOPIC NAME :- TOXONOMIC CLASSIFICATION
OF DAIRY ANIMAL

NAME :- KALE VILAS SATYAWAN

SUBJECT :- DAIRY SCIENCE

CLASS :- B.SC FIRST YEAR

PAPER NO : I

Chauhan
W.S.

Taxonomic classification of -

1] sheep

Phylum - chordata,

class - mammalia

order - Artiodactyla

family - Bovidae

Genus - ovis

species - o, ovis

Animal - Sheep

1] The Phylum of sheep is chordata, because have back bone.

2] the class of sheep is mammalia because sheep is warm blooded, dairy animal prod their young one & suckle their young one suckle mammary gland.

3] the order of sheep is Artiodactyla because it have toes and Hoofs.

Q] the family of sheep is Bovidae because it has 4 chambered stomach, unbranched horns and Ruminants,

5] the genus of sheep is Ovis.

6] the species of sheep is Aries.

7] the animal is sheep.

2] Goat

Phylum - Chordata

Class - Mammalia

Order - Artiodactyla

Family - Bovidae

Genus - Capra

Species - Capra

Animal - Goat

Q] the phylum of goat is Chordata because they have backbone.

2] the class of goat is mammalia because goat is warm blooded, Dairy animal suckle their young one or suckle mammary gland.

3] the order of goat is Artiodactyla, because it has toes and hoofs.

4] the family the goat is Bovidae, because it has 4 chambered stomach.

5] the genus of goat is capra.

6] the species of goat is capra hircus

7] the animal is goat.

3] cattle.

Phylum - Chordata

class - mammalia

order - Artiodactyla

family - Bovidae

Genus - Bos



Species - B, *Taurus* (for rumpless), cattle
Indicus (for humped)

- 1) The phylum of cattle is Chordata because they have back bone.
- 2) The class of cattle is Mammalia, because they are warm blooded and they suckle their young one.
- 3) The order of Artiodactyla because it has toes & hoofs,
- 4) The family of cattle is Bovidae.
- 5) The genus of cattle is *Bos*.
- 6) The species of cattle is *B. Taurus* (for rumpless cattle) *Indicus* (for rumped.)
- 7) The animal is cattle.

Q) Buffalo

Phylum - Chordata

Class - Mammalia

Order - Artiodactyla

Family - Bovidae

Genus - Bubalus

Species - B. Bubalis

Animal - Buffalo

1) The Phylum of Buffalo is Chordata because they have back bone.

2) The class of Buffalo is Mammalia because they are warm blooded and they suckle their young one.

3) The order of Buffalo is Artiodactyla because it has toes and hoofs.

4) The family of Buffalo is Bovidae because it has 4 chambered stomach, unbranched horns and Ruminants.

5) the genus of Buffalo is Bubalis .

6) the species of Buffalo is a B,
Bubalis .

7) The animal is Buffalo ,

8) Pig

Phylum - chordata

class - mammalia

order - Artiodactyla

family - Suidae

Genus - sus

species - S. scrofa 's. vittatus,

s domestic

Animal - Pig

1) The Phylum of Pig is chordata
because they have back bone .

2) the class of Pig is mammalia
because they are warm blooded
and they suckle their young one .

3] the order of pig is Artiodactyla because they have toes and cloofs.

4] the family of pig is suidae because pig have one or two diverticula.

5] the genus of pig is sus,

6] the species of pig is depending on variety of pigs i.e., *S. scrofa*, *S. vittatus*, *S. domestic*.

7] The Animal is pig or swine,

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