

STATION NUMBER ONE

Write the name of this test and give the result?

Answer:

- Methylene blue reduction test.
- Normal ruminal fluid from cattle fed on hay and grain 3 min to decolorize leaving a narrow ring of blue color abnormal reduction of time up to 15 min indicate indigestible roughage, anorexia of several days rumen acidosis.

STATION NUMBER ONE

Write the name of this test and give the result?

Answer:

- Cellulose digestion test, a fully active ruminal fluid will digest the cellulose within 48 – 56 hr.

STATION NUMBER ONE

A-Enumerate the types of Antibodies (Ig).

Answer:

- IgM, IgG, IgA, IgE, IgD.

B-The serological tests depend on.....

Answer:

- Ab + Ag reaction.

STATION NUMBER FOUR

1-What is the name of this?

Answer:

- PCV centrifuge (Microhematocrit centrifuge)

2-For what it used?

Answer:

- For PCV determination

3-Write the unit?

Answer:

- %

4-Write the speed and time?

Answer:

- 12000rpm for 5 min

STATION NUMBER FIVE

A-What is the method name? and for what it used?

Answer:

- Flootation method
- For detection of Nematodes eggs

B-Enumerate other qualitative methods of fecal examination and write the parasite eggs which detected in each method?

Answer:

- Direct smear Oocyst .
- Sedimentation method *Fasciola* spp.
- Baermann techniques *Dictyocaulus* spp.
- Adhesive – tape method *Oxyuris equi*

STATION NUMBER SIX

1-Diagnosis of this?

Answer:

- Mite (*Psoroptes* spp.)

2-Write the disease name?

Answer:

- Mange

3-Write type of sample which collected from animal?

Answer:

- Skin Scraping

STATION NUMBER SEVEN

A-Diagnosis of this spot?

Answer:

- Trypanosoma*

B-Give two types of blood Nematodes?

Answer:

- 1-*Setaria equina*
- 2- *Setaria cervi*

STATION NUMBER EIGHT

A-What is the name of this test?

Answer:

-Strip cup test

B-Enumerate chemical examinations of milk?

Answer:

-PH determination

-Chloride test

C-Enumerate indirect leukocyte count tests of milk?

Answer:

-Catalase test

-White side test

-California Mastitis Test.

STATION NUMBER NINE

A-Write the name of media which used in case of mastitis?

Answer:

-Salt agar, Edwards media, Hotis.

B-Give two types of gram positive bacteria which causes mastitis?

Answer:

-*Streptococcus agalactiae*

-*Streptococcus dysgalactiae*

STATION NUMBER TEN

A-Write the name of this?

Answer:

-Hemocytometer

B-what it uses?

Answer:

-For RBC count, Total WBC count and Platelet count

C-Write the unit?

Answer:

-Microliter

STATION NUMBER ELEVEN

A-Write the name of this method?

Answer:

-Sahli method

B-what it uses?

Answer:

-For Hb determination

C-Write the unit?

Answer:

-g/dl

STATION NUMBER TWELVE

A-Diagnosis this spot?

Answer:

-Neutrophil

B-Write the name of immature cell?

Answer:

-Band Neutrophil

C-If increased number of this cell in blood circulation called And if decreased number of this cell in blood circulation called.....

Answer:

-Neutrophilia, Neutropenia

D-Write 2 stains used for staining this type of cell?

Answer:

-Giemsa stain, Leishman stain

STATION NUMBER THERTEEN

A-Write the name of sample which collected from abortion cases?

Answer:

-Aborted fetus, Fetal abomasal content, Lung, Liver, Sample of any gross lesion from aborted fetus

B-Give two types of bacteria which causes abortion in the animals?

Answer:

-*Listeria*, *Leptospira*.

STATION NUMBER FOURTEEN

Complete the followings:

A- Coaster stain used for identification of species of bacteria.

Answer:

-*Brucella* spp.

B-..... Smear used for detection of *Microfilaria* in blood.

Answer:

-Wet smear

C-..... Stain used for identification of *Mycobacterium* spp.

Answer:

-Acid – Fast stain (Ziehl – Neelsen stain).

