

DEPARTMENT OF VETERINARY PARASITOLOGY
M J F COLLEGE OF VETERINARY & ANIMAL SCIENCES, CHOMU, JAIPUR
Course Outline for Theory (Session: 2021-22)
Teaching Programme (MSVE-2016)
B.V.Sc& A.H. IIIrd Year

Course No: VPA

Credit Hours: 3+2=5

Course Title: Veterinary Parasitology

Duration of Lecture Classes: 01.09.2021 to 24.5.2022

Sr. No.	Date	Topic to be Covered	Hrs.
		UNIT-I (GENERAL VETERINARY PARASITOLOGY)	
1.	1.9.2021	Parasitology: Introduction, Important historical landmarks, Importance of parasitology in veterinary curriculum.	1
2.	6.9.2021	Types of parasites (ecto, endo, hyper, obligatory, facultative, stenoxenous, euryxenous, monoxenous, heteroxenous, histozoic, coelozoic, temporary, permanent).	1
3.	7.9.2021	Types of parasites (pseudo, aberrant, incidental, opportunistic, zoonotic, protelean etc.)and Vectors.	1
4.	8.9.2021	Modes of transmission of parasites.Methods of dissemination of the infective stages of the parasites.	1
5.	13.9.2021	International Code of Zoological Nomenclature: Rules and regulations.Standard Nomenclature of Animal Parasitic Diseases (SNOAPAD).	1
6.	14.9.2021	Immunity against parasitic infections or infestations:Natural, acquired immunity, Premunity and sterile immunity. Autoimmunity, passive immunity, concomitant immunity.	1
7.	15.9.2021	Immune evasion by parasites.	1
8.	20.9.2021	General harmful effects of parasites including various tissue reactions caused by parasites.	1
9.	21.9.2021	General control measures against parasites.	1
10.	22.9.2021	Characters of various phyla of parasites.	1
		UNIT-II (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE)	
11.	27.9.2021	Trematodes: Introduction, general accountandClassification of trematodes.	1
12.	28.9.2021	General life cycle of trematodes with morphological features of their developmental stages.	1
13.	29.9.2021	Liver flukes (<i>Fasciola</i> , <i>Dicrocoelium</i> , <i>Opisthorchis</i>). Intestinal flukes (<i>Fasciolopsis</i>).	1
14.	4.10.2021	Blood flukes causing nasal schistosomosis (<i>Schistosoma nasalis</i>).	1
15.	5.10.2021	Visceral schistosomosis (<i>S. spindale</i> , <i>S. indicum</i> , <i>S. incognitum</i>). Cercarial dermatitis.	1
16.	6.10.2021	Paramphistomes (<i>Paramphistomum</i>).	1
17.	11.10.2021	<i>Cotylophoron</i> , <i>Calicophoro</i> and <i>Gigantocotyle</i> .	1
18.	12.10.2021	<i>Gastrothyla</i> , <i>Fischoederius</i> , <i>Carmyerius</i> and <i>Gastrodiscus</i> .	1
19.	13.10.2021	<i>Gastrodiscoides</i> and <i>Pseudodiscus</i> .	1

20.	18.10.2021	<i>Paragonimus, Prosthogonimus, Echinostomes.</i>	1
21.	19.10.2021	Cestodes: Introduction, General account and classification.	1
22.	20.10.2021	General life cycle of cestodes with morphological features of their developmental stages (Metacestodes).	1
23.	25.10.2021	Important morphological features of the cestode parasites. Life cycles and modes of transmission of the cestode parasites.	1
24.	26.10.2021	Pathogenesis and epidemiology of the cestode parasites. Diagnosis and management of the cestode parasites.	1
25.	27.10.2021	Equine tape worms (<i>Anoplocephala, Paranoplocephala</i>).	1
26.	1.11.2021	Ruminant tape worms (<i>Moniezia, Avitellina</i>).	1
27.	2.11.2021	Ruminant tape worms (<i>Stilesia, Thysaniezia</i>).	1
28.	3.11.2021	Dog tape worms (<i>Dipylidium, Taenia, Echinococcus</i>).	1
29.	8.11.2021	Poultry tape worms (<i>Davainea, Cotugnia, Raillietina, Amoebotaenia</i>).	1
30.	9.11.2021	Poultry tape worms (<i>Choanotaenia, Hymenolepis</i>).	1
31.	10.11.2021	Broad fish tapeworm (<i>Diphyllobothrium, Spirometra</i>).	1
		UNIT-III (NEMATODES OF VETERINARY IMPORTANCE)	
32.	15.11.2021	Nematodes: Introduction, General account and classification of nematodes.	1
33.	16.11.2021	General life cycle of nematodes with morphological features of their developmental stages.	1
		First Internal Assessment	
34.	17.11.2021	Important morphological features of the nematode parasites. Life cycles and modes of transmission of the nematode parasites.	1
35.	22.11.2021	Pathogenesis and epidemiology of the nematode parasites. Diagnosis and management of the nematode parasites.	1
36.	23.11.2021	<i>Ascaris, Parascaris, Toxocara, Toxascaris</i>	1
37.	24.11.2021	<i>Ascaridia, Heterakis, Oxyuris</i>	1
38.	29.11.2021	<i>Strongyloides, Strongylus and Chabertia.</i>	1
39.	30.11.2021	<i>Syngamus and Oesophagostomum.</i>	1
40.	1.12.2021	Kidney worms (<i>Stephanurus, Dioctophyma</i>).	1
41.	6.12.2021	Hook worms (<i>Ancylostoma, Bunostomum</i>).	1
42.	7.12.2021	<i>Trichostrongylus, Ostertagia.</i>	1
43.	8.12.2021	<i>Cooperia, Nematodirus, Haemonchus.</i>	1
44.	13.12.2021	<i>Habronema, Draschia, Thelazia,</i>	1
45.	14.12.2021	<i>Spirocerca, Gongylonema.</i>	1
46.	15.12.2021	<i>Physaloptera and Gnathostoma.</i>	1
47.	20.12.2021	<i>Dirofilaria, Parafilaria.</i>	1
48.	21.12.2021	<i>Onchocerca, Setaria and Stephanofilaria.</i>	1
49.	22.12.2021	Lung worms (<i>Dictyocaulus, Muellerius</i>).	1
50.	27.12.2021	Lung worms (<i>Protostrongylus, Metastrongylus</i>).	1
51.	28.12.2021	Guinea worm (<i>Dracunculus Trichinella</i>).	1
52.	29.12.2021	Guinea worm (<i>Trichuris and Capillaria</i>).	1
53.	3.1.2022	Acanthocephala (<i>Macracanthorhynchus</i>).	1
54.	4.1.2022	Study of anthelmintic resistance and its types	1
		UNIT-IV (ARTHROPODS OF VETERINARY IMPORTANCE)	
55.	5.1.2022	Arthropods: Introduction, General account and classification of arthropods.	1

56.	10.1.2022	General life cycle of arthropods with morphological features of their developmental stages.	1
57.	11.1.2022	Important morphological features, general bionomics, life cycle, vector potentiality, pathogenesis and control of arthropods affecting animals and birds.	1
58.	12.1.2022	Bugs (<i>Cimex</i>).	1
59.	17.1.2022	Biting midges (<i>Culicoides</i>).	1
60.	18.1.2022	Black flies (<i>Simulium</i>).	1
61.	19.1.2022	Sandflies (<i>Phlebotomus</i>).	1
62.	24.1.2022	Mosquitoes (<i>Culex</i> , <i>Anopheles</i> and <i>Aedes</i>).	1
63.	25.1.2022	Horse flies (<i>Tabanus</i>).	1
64.	31.1.2022	<i>Haematopota</i> and <i>Chrysops</i> .	1
65.	1.2.2022	<i>Musca</i> , <i>Stomoxys</i> .	1
66.	2.2.2022	<i>Haematobia</i> and <i>Sarcophaga</i> .	1
Second Internal Assessment			
67.	7.2.2022	Warbles (<i>Hypoderma</i>).	1
68.	8.2.2022	Stomach bots (<i>Gasterophilus</i> , <i>Cobboldia</i>)	1
69.	9.2.2022	Nasal bots (<i>Oestrus</i> , <i>Ovis</i> , <i>Cephalopina</i>)	1
70.	14.2.2022	Bottle flies (<i>Calliphora</i> , <i>Lucilia</i> , <i>Chrysomya</i>)	1
71.	15.2.2022	Myiasis.	1
72.	16.2.2022	<i>Hippobosca</i> , <i>Melophagus</i> , <i>Pseudolynchia</i> .	1
73.	21.2.2022	Lice (<i>Haematopinus</i> , <i>Linognathus</i> , <i>Trichodectes</i>).	1
74.	22.2.2022	Lice (<i>Damalinea</i> and <i>Menopon</i>).	1
75.	23.2.2022	Lice (<i>Menacanthus</i> and <i>Heterodoxus</i>).	1
76.	28.2.2022	Fleas (<i>Ctenocephalides</i> , <i>Echidnophag</i>).	1
77.	2.3.2022	Fleas (<i>Xenopsylla</i> , <i>Pulex</i>).	1
78.	7.3.2022	Soft ticks (<i>Argas</i> , <i>Ornithodoros</i> and <i>Otobius</i>).	1
79.	8.3.2022	Hard ticks (<i>Hyalomma</i> , <i>Haemaphysalis</i>).	1
Sport Week 7 Days			
80.	9.3.2022	Hard ticks (<i>Rhipicephalus</i> (<i>Boophilus</i>)).	1
81.	14.3.2022	Hard ticks (<i>Dermacentor</i> , <i>Ixodes</i> and <i>Amblyomma</i>).	1
82.	15.3.2022	Mites (<i>Dermanyssus</i> , <i>Ornithonyssus</i> and <i>Demodex</i>).	1
83.	16.3.2022	Mites (<i>Notoedres</i> , <i>Sarcoptes</i> , <i>Psoroptes</i> and <i>Chorioptes</i>).	1
84.	21.3.2022	Mites (<i>Cnemidocoptes</i> and <i>Otodectes</i>).	1
85.	22.3.2022	Pentatomida (<i>Linguatula</i>).	1
86.	23.3.2022	Study of insecticide or acaricide resistance.	1
UNIT-V (PROTOZOA OF VETERINARY IMPORTANCE)			
87.	28.3.2022	Introduction of protozoology, General account and classification of protozoa.	1
88.	29.3.2022	General life cycle of protozoa with morphological features of their developmental stages.	1
89.	30.3.2022	Differentiation from bacteria and rickettsia.	1
90.	4.4.2022	Important morphological features of the protozoan parasites of veterinary and zoonotic importance.	1
91.	5.4.2022	Life cycles of the protozoan parasites of veterinary and zoonotic importance.	1
92.	6.4.2022	Modes of transmission of the protozoan parasites of veterinary and zoonotic importance.	1
93.	11.4.2022	Diagnosis and general control measures (including chemo- and immunoprophylaxis) of the protozoan parasites of veterinary and zoonotic	1

		importance.	
94.	12.4.2022	<i>Leishmania</i> (Visceral leishmanosis and Cutaneous leishmanosis).	1
95.	13.4.2022	<i>Trypanosoma</i> (<i>T. evansi</i> , <i>T. theileri</i> , <i>T. equiperdum</i>).	1
		Third Internal Assessment	
96.	18.4.2022	<i>Trichomonas</i> (Bovine trichomonosis).	1
97.	19.4.2022	<i>Trichomonas</i> (Avian trichomonosis).	1
98.	20.4.2022	<i>Histomonas</i> (Black head in turkeys).	1
99.	25.4.2022	<i>Entamoeba</i> .	1
100.	26.4.2022	<i>Giardia</i> , <i>Balantidium</i> spp.	
101.	27.4.2022	Coccidia and coccidiosis of poultry and domestic animals.	1
102.	2.5.2022	Coccidia and coccidiosis of poultry and domestic animals	1
103.	4.5.2022	Cyst forming coccidia (<i>Toxoplasma</i>).	1
104.	8.5.2022	Cyst forming coccidia (<i>Sarcocystis</i> , <i>Neospora caninum</i>)	1
105.	10.5.2022	<i>Cryptosporidium</i> .	1
106.	11.5.2022	Malarial parasites of animals and poultry (<i>Plasmodium</i>).	1
107.	16.5.2022	Malarial parasites of animals and poultry (<i>Haemoproteus</i> , <i>Leucocytozoon</i>).	1
108.	17.5.2022	Piroplasms (<i>Babesia</i>).	1
109.	18.5.2022	Piroplasms (<i>Theileria</i> , <i>Hepatozoon</i>).	1
110.	23.5.2022	<i>Anaplasma</i> and <i>Ehrlichia</i> Resistance to antiprotozoals.	1
111.	24.5.2022	Antiprotozoals Resistance.	1
		Annual Examination	

DEPARTMENT OF VETERINARY PARASITOLOGY
M J F COLLEGE OF VETERINARY & ANIMAL SCIENCES, CHOMU, JAIPUR
Course Outline for Practical's (Session: 2021-22)
Teaching Programme (MSVE-2016)
B.V.Sc& A.H. IIIrd Year

Course No: VPA

Credit Hours: 3+2=5

Course Title: Veterinary Parasitology

Duration of Lecture Class: 01.09.2021 to 03.06.2022

Batch - A

Sr. No.	Date	Topic to be Covered	Hrs.
		UNIT-I (GENERAL VETERINARY PARASITOLOGY), UNIT-II (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE), UNIT-III (NEMATODES OF VETERINARY IMPORTANCE)	
1.	1.9.2021	Introduction, collection, preservation and staining of helminth parasites.	2
2.	8.9.2021	Laboratory diagnosis of Helminthic infections & Identification of parasitic ova.	2
3.	9.9.2021	General characters and generalized life cycle of Digenetic Trematodes.	2
4.	15.9.2021	Family - Dicrocoelidae, Opisthorchiidae, Fasciolidae.	2
5.	16.9.2021	Family – Paramphistomatidae.	2
6.	21.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
7.	22.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
8.	28.9.2021	General characters, different larval stages and general life cycle of Eucestodes.	2
9.	29.9.2021	Family – Anoplocephalidae.	2
10.	5.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
11.	6.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
12.	12.10.2021	Family – Dipylidiidae, Hymenolepididae, Taeniidae &Mesocestoididae.	2
13.	13.10.2021	General characters of class – Cotyloda.	2
14.	19.10.2021	General characters and life cycle of Nematodes.	2
15.	20.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
16.	26.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
17.	27.10.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
18.	2.11.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
19.	3.11.2021	Family – Metastrongylidae, Protostrongylidae&Ancylostomatidae.	2
20.	9.11.2021	Family – Spiridae, Thelaziidae, Filariidae, Setariidae, Dracunculidae, Dioctophymidae, Trichenellidae, Trichuridae&Oligacanthorhynchidae.	2
21.	10.11.2021	Helminths of ruminants& Helminths of equines.	2
22.	16.11.2021	Helminths of ruminants& Helminths of equines.	2
23.	17.11.2021	Helminths of camel & Helminths of canines and felines.	2
24.	23.11.2021	Coprological examination.	2

UNIT-IV (ARTHROPODS OF VETERINARY IMPORTANCE)			2
25.	24.11.2021	Identification of Arthropodes.	2
26.	30.11.2021	To study the general morphology of arthropods and classification.	2
27.	1.12.2021	To study the general characters, classifications and morphology of Class – Insecta.	2
28.	7.12.2021	To study the general classification of Order – Diptera and details of Sub Order – Nematocera.	2
29.	8.12.2021	Family – Simuliidae and Psychodidae.	2
30.	14.12.2021	Family – Culicidae.	2
31.	15.12.2021	Sub order – Brachycera and Family Tabanidae.	2
32.	21.12.2021	Family Muscidae	2
33.	22.12.2021	General characters of Sub Order – Cyclorrhapha and Family – Caliphoridae.	2
34.	28.12.2021	Family – Hippobossidae and Glossinidae.	2
35.	29.12.2021	Family - Oestridae	2
36.	4.1.2022	Family – Gastrophilidae and Glossinidae.	2
37.	5.1.2022	Order – Phthiraptera (Lice), Order – Anopleura (Siphunculata) Sucking Lice.	2
38.	11.1.2022	Sub Order – Mallophaga (Biting Lice)	2
39.	12.1.2022	Lice of Mammals.	2
40.	18.1.2022	Order – Hemiptera.	2
41.	19.1.2022	Class – Arachnida, Order – Acarina, Family – Argasidae (soft ticks).	2
42.	25.1.2022	Class – Arachnida, Order – Acarina, Family – Ixodidae (hard ticks).	2
43.	1.2.2022	Class – Arachnida, Order – Acarina, Family – Sarcoptidae.	2
44.	2.2.2022	Class – Arachnida, Order – Acarina, Family – Psoroptidae.	2
45.	8.2.2022	Family – Democidae.	2
46.	9.2.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
47.	15.2.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
UNIT-V (PROTOZOA OF VETERINARY IMPORTANCE)			2
48.	16.2.2022	Methods of Qualitative faecal examination.	2
49.	22.2.2022	Methods of Qualitative faecal examination.	2
50.	23.2.2022	Methods of Quantitative faecal examination.	2
51.	2.3.2022	Methods of Quantitative faecal examination.	2
52.	8.3.2022	Preparation of blood smears.	2
53.	9.3.2022	Staining of blood smears.	2
54.	15.3.2022	Haemoflagellates: Trypanosoma and Leishmania.	2
55.	16.3.2022	Histomonas, Entamoeba, Giardia and Trichomonas.	2
56.	22.3.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
57.	23.3.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
58.	29.3.2022	Intestinal coccidian: Coccidial oocysts.	2
59.	30.3.2022	Tissue coccidia: <i>Sarcocystis</i> .	2
60.	5.4.2022	Tissue coccidia: <i>Toxoplasma</i> .	2
61.	6.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
62.	12.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
63.	13.4.2022	Piroplasms: <i>Babesia</i> .	2
64.	19.4.2022	Piroplasms: <i>Babesia</i> .	2
65.	20.4.2022	Piroplasms: <i>Theileria</i> .	2
66.	26.4.2022	Piroplasms: <i>Theileria</i> .	2
67.	27.4.2022	Ciliata: <i>Balantidium</i> .	2
68.	4.5.2022	Rickettsiales: <i>Anaplasma</i> and <i>Ehrlichia</i> .	2
69.	10.5.2022	Permanent smears of parasitic protozoa.	2
70.	11.5.2022	Assignments	2

71.	17.5.2022	Assignments	2
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Batch - B

Sr. No.	Date	Topic to be Covered	Hrs.
		UNIT-I (GENERAL VETERINARY PARASITOLOGY), UNIT-II (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE), UNIT-III (NEMATODES OF VETERINARY IMPORTANCE)	
1.	1.9.2021	Introduction, collection, preservation and staining of helminth parasites.	2
2.	6.9.2021	Laboratory diagnosis of Helminthic infections & Identification of parasitic ova.	2
3.	8.9.2021	General characters and generalized life cycle of Digenetic Trematodes.	2
4.	13.9.2021	Family - Dicrocoelidae, Opisthorchiidae, Fasciolidae.	2
5.	15.9.2021	Family – Paramphistomatidae.	2
6.	20.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
7.	22.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
8.	27.9.2021	General characters, different larval stages and general life cycle of Eucestodes.	2
9.	29.9.2021	Family – Anoplocephalidae.	2
10.	4.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
11.	6.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
12.	11.10.2021	Family – Dipylidiidae, Hymenolepididae, Taeniidae & Mesocestoididae.	2
13.	13.10.2021	General characters of class – Cotyloda.	2
14.	18.10.2021	General characters and life cycle of Nematodes.	2
15.	20.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
16.	25.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
17.	27.10.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
18.	1.11.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
19.	3.11.2021	Family – Metastrongylidae, Protostrongylidae&Ancylostomatidae.	2
20.	8.11.2021	Family – Spiridae, Thelaziidae, Filariidae, Setariidae, Dracunculidae, Dioctophymidae, Trichenellidae, Trichuridae&Oligacanthorhynchidae.	2
21.	10.11.2021	Helminths of ruminants& Helminths of equines.	2
22.	15.11.2021	Helminths of ruminants& Helminths of equines.	2
23.	17.11.2021	Helminths of camel & Helminths of canines and felines.	2
24.	22.11.2021	Coprological examination.	2
		UNIT-IV (ARTHROPODS OF VETERINARY IMPORTANCE)	2
25.	24.11.2021	Identification of Arthropodes.	2
26.	29.11.2021	To study the general morphology of arthropods and classification.	2
27.	1.12.2021	To study the general characters, classifications and morphology of Class – Insecta.	2
28.	6.12.2021	To study the general classification of Order – Diptera and details of Sub Order – Nematocera.	2
29.	8.12.2021	Family – Simuliidae and Psychodidae.	2
30.	13.12.2021	Family – Culicidae.	2
31.	15.12.2021	Sub order – Brachycera and Family Tabanidae.	2
32.	20.12.2021	Family Muscidae	2

33.	22.12.2021	General characters of Sub Order – Cyclorrhapha and Family – Caliphoridae.	2
34.	27.12.2021	Family – Hippobossidae and Glossinidae.	2
35.	29.12.2021	Family - Oestridae	2
36.	3.1.2022	Family – Gastrophilidae and Glossinidae.	2
37.	5.1.2022	Order – Phthiraptera (Lice), Order – Anopleura (Siphunculata) Sucking Lice.	2
38.	10.1.2022	Sub Order – Mallophaga (Biting Lice)	2
39.	12.1.2022	Lice of Mammals.	2
40.	17.1.2022	Order – Hemiptera.	2
41.	19.1.2022	Class – Arachnida, Order – Acarina, Family – Argasidae (soft ticks).	2
42.	24.1.2022	Class – Arachnida, Order – Acarina, Family – Ixodidae (hard ticks).	2
43.	31.1.2022	Class – Arachnida, Order – Acarina, Family – Sarcoptidae.	2
44.	2.2.2022	Class – Arachnida, Order – Acarina, Family – Psoroptidae.	2
45.		Family – Democidae.	2
46.	7.2.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
47.	9.2.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
		UNIT-V (PROTOZOA OF VETERINARY IMPORTANCE)	2
48.	14.2.2022	Methods of Qualitative faecal examination.	2
49.	16.2.2022	Methods of Qualitative faecal examination.	2
50.	21.2.2022	Methods of Quantitative faecal examination.	2
51.	23.2.2022	Methods of Quantitative faecal examination.	2
52.	28.2.2022	Preparation of blood smears.	2
53.	2.3.2022	Staining of blood smears.	2
54.	7.3.2022	Haemoflagellates: Trypanosoma and Leishmania.	2
55.	9.3.2022	Histomonas, Entamoeba, Giardia and Trichomonas.	2
56.	14.3.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
57.	16.3.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
58.	21.3.2022	Intestinal coccidian: Coccidial oocysts.	2
59.	23.3.2022	Tissue coccidia: <i>Sarcocystis</i> .	2
60.	28.3.2022	Tissue coccidia: <i>Toxoplasma</i> .	2
61.	30.3.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
62.	4.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
63.	6.4.2022	Piroplasms: <i>Babesia</i> .	2
64.	11.4.2022	Piroplasms: <i>Babesia</i> .	2
65.	13.4.2022	Piroplasms: <i>Theileria</i> .	2
66.	27.4.2022	Piroplasms: <i>Theileria</i> .	2
67.	18.4.2022	Ciliata: <i>Balantidium</i> .	2
68.	20.4.2022	Rickettsiales: <i>Anaplasma</i> and <i>Ehrlichia</i> .	2
69.	25.4.2022	Permanent smears of parasitic protozoa.	2
70.	27.4.2022	Assignments	2
71.	2.5.2022	Assignments	2

Batch-C

Sr. No.	Date	Topic to be Covered	Hrs.
		UNIT-I (GENERAL VETERINARY PARASITOLOGY), UNIT-II (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE), UNIT-III (NEMATODES OF VETERINARY IMPORTANCE)	
1.	6.9.2021	Introduction, collection, preservation and staining of helminth parasites.	2
2.	7.9.2021	Laboratory diagnosis of Helminthic infections & Identification of parasitic ova.	2
3.	13.9.2021	General characters and generalized life cycle of Digenetic Trematodes.	2
4.	14.9.2021	Family - Dicrocoelidae, Opisthorchiidae, Fasciolidae.	2
5.	15.9.2021	Family – Paramphistomatidae.	2
6.	20.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
7.	21.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
8.	27.9.2021	General characters, different larval stages and general life cycle of Eucestodes.	2
9.	28.9.2021	Family – Anoplocephalidae.	2
10.	4.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
11.	5.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
12.	11.10.2021	Family – Dipylidiidae, Hymenolepididae, Taeniidae &Mesocestoididae.	2
13.	12.10.2021	General characters of class – Cotyloda.	2
14.	18.10.2021	General characters and life cycle of Nematodes.	2
15.	19.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
16.	25.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
17.	26.10.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
18.	8.11.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
19.	9.11.2021	Family – Metastrongylidae, Protostrongylidae&Ancylostomatidae.	2
20.	15.11.2021	Family – Spiridae, Thelaziidae, Filariidae, Setariidae, Dracunculidae, Dioctophymidae, Trichenellidae, Trichuridae&Oligacanthorhynchidae.	2
21.	16.11.2021	Helminths of ruminants& Helminths of equines.	2
22.	22.11.2021	Helminths of ruminants& Helminths of equines.	2
23.	23.11.2021	Helminths of camel & Helminths of canines and felines.	2
24.	29.11.2021	Coprological examination.	2
		UNIT-IV (ARTHROPODS OF VETERINARY IMPORTANCE)	2
25.	30.11.2021	Identification of Arthropodes.	2
26.	6.12.2021	To study the general morphology of arthropods and classification.	2
27.	7.12.2021	To study the general characters, classifications and morphology of Class – Insecta.	2
28.	13.12.2021	To study the general classification of Order – Diptera and details of Sub Order – Nematocera.	2
29.	14.12.2021	Family – Simuliidae and Psychodidae.	2
30.	15.12.2021	Family – Culicidae.	2
31.	20.12.2021	Sub order – Brachycera and Family Tabanidae.	2
32.	21.12.2021	Family Muscidae	2
33.	27.12.2021	General characters of Sub Order – Cyclorrhapha and Family – Caliphoridae.	2
34.	28.12.2021	Family – Hippobossidae and Glossinidae.	2
35.	3.1.2022	Family - Oestridae	2
36.	4.1.2022	Family – Gastrophilidae and Glossinidae.	2
37.	10.1.2022	Order – Phthiraptera (Lice), Order – Anopleura (Siphunculata) Sucking Lice.	2

38.	11.1.2022	Sub Order – Mallophaga (Biting Lice)	2
39.	17.1.2022	Lice of Mammals.	2
40.	18.1.2022	Order – Hemiptera.	2
41.	24.1.2022	Class – Arachnida, Order – Acarina, Family – Argasidae (soft ticks).	2
42.	25.1.2022	Class – Arachnida, Order – Acarina, Family – Ixodidae (hard ticks).	2
43.	31.1.2022	Class – Arachnida, Order – Acarina, Family – Sarcoptidae.	2
44.	1.2.2022	Class – Arachnida, Order – Acarina, Family – Psoroptidae.	2
45.	7.2.2022	Family – Democidae.	2
46.	8.2.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
47.	14.2.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
		UNIT-V (PROTOZOA OF VETERINARY IMPORTANCE)	2
48.	15.2.2022	Methods of Qualitative faecal examination.	2
49.	21.2.2022	Methods of Qualitative faecal examination.	2
50.	22.2.2022	Methods of Quantitative faecal examination.	2
51.	28.2.2022	Methods of Quantitative faecal examination.	2
52.	7.3.2022	Preparation of blood smears.	2
53.	8.3.2022	Staining of blood smears.	2
54.	14.3.2022	Haemoflagellates: Trypanosoma and Leishmania.	2
55.	15.3.2022	Histomonas, Entamoeba, Giardia and Trichomonas.	2
56.	21.3.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
57.	22.3.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
58.	28.3.2022	Intestinal coccidian: Coccidial oocysts.	2
59.	29.3.2022	Tissue coccidia: <i>Sarcocystis</i> .	2
60.	4.4.2022	Tissue coccidia: <i>Toxoplasma</i> .	2
61.	5.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
62.	11.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
63.	12.4.2022	Piroplasms: <i>Babesia</i> .	2
64.	18.4.2022	Piroplasms: <i>Babesia</i> .	2
65.	19.4.2022	Piroplasms: <i>Theileria</i> .	2
66.	25.4.2022	Piroplasms: <i>Theileria</i> .	2
67.	26.4.2022	Ciliata: <i>Balantidium</i> .	2
68.	2.5.2022	Rickettsiales: <i>Anaplasma</i> and <i>Ehrlichia</i> .	2
69.	9.5.2022	Permanent smears of parasitic protozoa.	2
70.	10.5.2022	Assignments	2
71.	16.5.2022	Assignments	2

Batch-D

Sr. No.	Date	Topic to be Covered	Hrs.
		UNIT-I (GENERAL VETERINARY PARASITOLOGY), UNIT-II (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE), UNIT-III (NEMATODES OF VETERINARY IMPORTANCE)	
1.	2.9.2021	Introduction, collection, preservation and staining of helminth parasites.	2
2.	3.9.2021	Laboratory diagnosis of Helminthic infections & Identification of parasitic ova.	2
3.	9.9.2021	General characters and generalized life cycle of Digenetic Trematodes.	2
4.	16.9.2021	Family - Dicrocoelidae, Opisthorchiidae, Fasciolidae.	2

5.	17.9.2021	Family – Paramphistomatidae.	2
6.	23.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
7.	24.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
8.	30.9.2021	General characters, different larval stages and general life cycle of Eucestodes.	2
9.	1.10.2021	Family – Anoplocephalidae.	2
10.	7.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
11.	8.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
12.	21.10.2021	Family – Dipylidiidae, Hymenolepididae, Taeniidae &Mesocestoididae.	2
13.	22.10.2021	General characters of class – Cotyloda.	2
14.	28.10.2021	General characters and life cycle of Nematodes.	2
15.	29.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
16.	11.11.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
17.	12.11.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
18.	18.11.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
19.	25.11.2021	Family – Metastrongylidae, Protostrongylidae&Ancylostomatidae.	2
20.	26.11.2021	Family – Spiridae, Thelaziidae, Filariidae, Setariidae, Dracunculidae, Dioctophymidae, Trichenellidae, Trichuridae&Oligacanthorhynchidae.	2
21.	2.12.2021	Helminths of ruminants& Helminths of equines.	2
22.	3.12.2021	Helminths of ruminants& Helminths of equines.	2
23.	9.12.2021	Helminths of camel & Helminths of canines and felines.	2
24.	10.12.2021	Coprological examination.	2
		UNIT-IV (ARTHROPODS OF VETERINARY IMPORTANCE)	2
25.	16.12.2021	Identification of Arthropodes.	2
26.	17.12.2021	To study the general morphology of arthropods and classification.	2
27.	23.12.2021	To study the general characters, classifications and morphology of Class – Insecta.	2
28.	24.12.2021	To study the general classification of Order – Diptera and details of Sub Order – Nematocera.	2
29.	30.12.2021	Family – Simuliidae and Psychodidae.	2
30.	31.12.2021	Family – Culicidae.	2
31.	6.1.2022	Sub order – Brachycera and Family Tabanidae.	2
32.	7.1.2022	Family Muscidae	2
33.	13.1.2022	General characters of Sub Order – Cyclorrhapha and Family – Caliphoridae.	2
34.	20.1.2022	Family – Hippobossidae and Glossinidae.	2
35.	21.1.2022	Family - Oestridae	2
36.	27.1.2022	Family – Gastrophilidae and Glossinidae.	2
37.	28.1.2022	Order – Phthiraptera (Lice), Order – Anopleura (Siphunculata) Sucking Lice.	2
38.	3.2.2022	Sub Order – Mallophaga (Biting Lice)	2
39.	4.2.2022	Lice of Mammals.	2
40.	10.2.2022	Order – Hemiptera.	2
41.	11.2.2022	Class – Arachnida, Order – Acarina, Family – Argasidae (soft ticks).	2
42.	17.2.2022	Class – Arachnida, Order – Acarina, Family – Ixodidae (hard ticks).	2
43.	18.2.2022	Class – Arachnida, Order – Acarina, Family – Sarcoptidae.	2
44.	24.2.2022	Class – Arachnida, Order – Acarina, Family – Psoroptidae.	2
45.	25.2.2022	Family – Democidae.	2
46.	3.3.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
47.	4.3.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2

UNIT-V (PROTOZOA OF VETERINARY IMPORTANCE)			2
48.	10.3.2022	Methods of Qualitative faecal examination.	2
49.	11.3.2022	Methods of Qualitative faecal examination.	2
50.	24.3.2022	Methods of Quantitative faecal examination.	2
51.	25.3.2022	Methods of Quantitative faecal examination.	2
52.	31.3.2022	Preparation of blood smears.	2
53.	1.4.2022	Staining of blood smears.	2
54.	6.4.2022	Haemoflagellates: Trypanosoma and Leishmania.	2
55.	7.4.2022	Histomonas, Entamoeba, Giardia and Trichomonas.	2
56.	8.4.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
57.	15.4.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
58.	21.4.2022	Intestinal coccidian: Coccidial oocysts.	2
59.	22.4.2022	Tissue coccidia: <i>Sarcocystis</i> .	2
60.	28.4.2022	Tissue coccidia: <i>Toxoplasma</i> .	2
61.	29.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
62.	5.5.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
63.	6.5.2022	Piroplasms: <i>Babesia</i> .	2
64.	12.5.2022	Piroplasms: <i>Babesia</i> .	2
65.	13.5.2022	Piroplasms: <i>Theileria</i> .	2
66.	19.5.2022	Piroplasms: <i>Theileria</i> .	2
67.	20.5.2022	Ciliata: <i>Balantidium</i> .	2
68.	26.5.2022	Rickettsiales: <i>Anaplasma</i> and <i>Ehrlichia</i> .	2
69.	27.5.2022	Permanent smears of parasitic protozoa.	2
70.	2.6.2022	Assignments	2
71.	3.6.2022	Assignments	2

Batch-E

Sr. No.	Date	Topic to be Covered	Hrs.
		UNIT-I (GENERAL VETERINARY PARASITOLOGY), UNIT-II (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE), UNIT-III (NEMATODES OF VETERINARY IMPORTANCE)	
1.	2.9.2021	Introduction, collection, preservation and staining of helminth parasites.	2
2.	4.9.2021	Laboratory diagnosis of Helminthic infections & Identification of parasitic ova.	2
3.	9.9.2021	General characters and generalized life cycle of Digenetic Trematodes.	2
4.	11.9.2021	Family - Dicrocoelidae, Opisthorchiidae, Fasciolidae.	2
5.	16.9.2021	Family – Paramphistomatidae.	2
6.	18.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
7.	23.9.2021	Family – Paragonimidae, Prosthogonimidae&Schistosomatidae.	2
8.	25.9.2021	General characters, different larval stages and general life cycle of Eucestodes.	2
9.	30.9.2021	Family – Anoplocephalidae.	2
10.	7.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
11.	9.10.2021	Family – Thysanonomidae, Davaineidae&Dilepididae.	2
12.	16.10.2021	Family – Dipylidiidae, Hymenolepididae, Taeniidae & Mesocestoididae.	2
13.	21.10.2021	General characters of class – Cotyloda.	2
14.	23.10.2021	General characters and life cycle of Nematodes.	2
15.	28.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2

16.	30.10.2021	Family – Ascarididae, Heterakidae&Oxyuridae.	2
17.	11.11.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
18.	13.11.2021	Family – Strongyloididae, Strongylidae, Trichonematidae, Syngamidae, Stephanuridae, Trichostrongylidae&Dictyocaulidae.	2
19.	18.11.2021	Family – Metastrongylidae, Protostrongylidae&Ancylostomatidae.	2
20.	20.11.2021	Family – Spiridae, Thelaziidae, Filariidae, Setariidae, Dracunculidae, Dioctophymidae, Trichenellidae, Trichuridae&Oligacanthorhynchidae.	2
21.	25.11.2021	Helminths of ruminants& Helminths of equines.	2
22.	27.11.2021	Helminths of ruminants& Helminths of equines.	2
23.	2.12.2021	Helminths of camel & Helminths of canines and felines.	2
24.	4.12.2021	Coprological examination.	2
		UNIT-IV (ARTHROPODS OF VETERINARY IMPORTANCE)	2
25.	9.12.2021	Identification of Arthropodes.	2
26.	11.12.2021	To study the general morphology of arthropods and classification.	2
27.	16.12.2021	To study the general characters, classifications and morphology of Class – Insecta.	2
28.	18.12.2021	To study the general classification of Order – Diptera and details of Sub Order – Nematocera.	2
29.	23.12.2021	Family – Simuliidae and Psychodidae.	2
30.	30.12.2021	Family – Culicidae.	2
31.	1.1.2022	Sub order – Brachycera and Family Tabanidae.	2
32.	6.1.2022	Family Muscidae	2
33.	8.1.2022	General characters of Sub Order – Cyclorrhapha and Family – Caliphoridae.	2
34.	15.1.2022	Family – Hippobossidae and Glossinidae.	2
35.	20.1.2022	Family - Oestridae	2
36.	22.1.2022	Family – Gastrophilidae and Glossinidae.	2
37.	27.1.2022	Order – Phthiraptera (Lice), Order – Anopleura (Siphunculata) Sucking Lice.	2
38.	29.1.2022	Sub Order – Mallophaga (Biting Lice)	2
39.	3.2.2022	Lice of Mammals.	2
40.	5.2.2022	Order – Hemiptera.	2
41.	10.2.2022	Class – Arachnida, Order – Acarina, Family – Argasidae (soft ticks).	2
42.	12.2.2022	Class – Arachnida, Order – Acarina, Family – Ixodidae (hard ticks).	2
43.	17.2.2022	Class – Arachnida, Order – Acarina, Family – Sarcoptidae.	2
44.	19.2.2022	Class – Arachnida, Order – Acarina, Family – Psoroptidae.	2
45.	24.2.2022	Family – Democidae.	2
46.	26.2.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
47.	3.3.2022	To study the morphology of Gamasid mites (Family – Dermanyssidae), Sub Order – Mesostigmata.	2
		UNIT-V (PROTOZOA OF VETERINARY IMPORTANCE)	2
48.	5.3.2022	Methods of Qualitative faecal examination.	2
49.	10.3.2022	Methods of Qualitative faecal examination.	2
50.	12.3.2022	Methods of Quantitative faecal examination.	2
51.	19.3.2022	Methods of Quantitative faecal examination.	2
52.	24.3.2022	Preparation of blood smears.	2
53.	26.3.2022	Staining of blood smears.	2
54.	31.3.2022	Haemoflagellates: Trypanosoma and Leishmania.	2
55.	2.4.2022	Histomonas, Entamoeba, Giardia and Trichomonas.	2
56.	7.4.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2
57.	9.4.2022	Intestinal coccidian: Developmental stages of <i>Eiimeria</i> .	2

58.	16.4.2022	Intestinal coccidian: Coccidial oocysts.	2
59.	21.4.2022	Tissue coccidia: <i>Sarcocystis</i> .	2
60.	23.4.2022	Tissue coccidia: <i>Toxoplasma</i> .	2
61.	28.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
62.	30.4.2022	Malarial organisms: <i>Plasmodium</i> and <i>Haemoproteus</i> .	2
63.	5.5.2022	Piroplasms: <i>Babesia</i> .	2
64.	7.5.2022	Piroplasms: <i>Babesia</i> .	2
65.	12.5.2022	Piroplasms: <i>Theileria</i> .	2
66.	14.5.2022	Piroplasms: <i>Theileria</i> .	2
67.	19.5.2022	Ciliata: <i>Balantidium</i> .	2
68.	21.5.2022	Rickettsiales: <i>Anaplasma</i> and <i>Ehrlichia</i> .	2
69.	26.5.2022	Permanent smears of parasitic protozoa.	2
70.	28.5.2022	Assignments	2
71.	2.6.2022	Assignments	2