

MJF COLLEGE OF VETERINARY AND ANIMAL SCIENCES, CHOMU, JAIPUR

DEPARTMENT OF VETERINARY PATHOLOGY

Course Outline for practical (session: 2020-21)

Teaching Programme

UNIT-1,2,3,4,5,6 4+2=6		Course Title: veterinary Pathology		Credit Hrs:
Sr.No.	Date	Period	Topic to be covered	Hrs.
1.	7.8.2020	1	Branches of pathology with definitions	1
2.	8.8.2020	1	Study of gross pathological specimens	1
3.	14.08.2020	1	Recognition of pathological lesions	1
4.	21.08.2020	1	Histopathological techniques– Processing of tissue for paraffin embedding technique, section cutting, staining	1
5.	22.08.2020	1	Histopathological techniques– Processing of tissue for paraffin embedding technique, section cutting, staining revision	1
6.	29.08.2020	1	Histopathological techniques–staining	1
7.	4.09.2020	1	Identification of microscopic lesions.	1
8.	5.09.2020	1	Identification of microscopic lesions.	1
9.	11.09.2020	1	Examination of Histopathological slides showing general pathological alterations	1
10.	12.09.2020	1	Examination of Histopathological slides showing general pathological alterations	1
11.	18.09.2020	1	Revision of various Histopathological slides of general pathological alterations	1
12.	19.09.2020	1	Study of gross specimens and histopathological slides pertaining to digestive system- Mouth and pharynx	1
13.	25.09.2020	1	Study of gross specimens and histopathological slides pertaining to digestive system- salivary gland and esophagus	1
14.	26.09.2020	1	Study of gross specimens and histopathological slides pertaining to digestive system- Stomach, Intestine, Liver, Gall bladder and pancreas	1

15.	3.10.2020	1	Study of gross specimens and histopathological slides pertaining to respiratory system- Nasal cavity, larynx	1
16.	9.10.2020	1	Study of gross specimens and histopathological slides pertaining to respiratory system Bronchi and trachea, Lungs and pleura	1
17.	10.10.2020	1	Study of gross specimens and histopathological slides pertaining to musculo-skeletal system Muscle , Bone, Ligament and tendon	1
18.	16.10.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system cardio-vascular system Pericardium , Myocardium, Epicardium	1
19.	23.10.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system cardio-vascular system and Endocardium, Arteries and veins	1
20.	31.10.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system Haemopoietic system	1
21.	6.11.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system lymphoid system- Lymph node , lymph vessels and Spleen	
22.	7.11.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system urinary system-	1
23.	13.11.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system Male reproductive system	1
24.	20.11.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system Male reproductive system revision	1
25.	21.11.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system Female reproductive system	1
26.	27.11.2020	1	Study of gross specimens and histopathological slides pertaining to reproductive system Female reproductive system revision	1
27.	28.11.2020	1	Study of gross specimens and histopathological slides pertaining to nervous system- Brain	1
28.	4.12.2020	1	Study of gross specimens and histopathological slides pertaining to nervous system- Brain,	1
29.	5.12.2020	1	Study of gross specimens and histopathological slides pertaining to endocrine system-	1
30.	11.12.2020	1	Study of gross specimens and histopathological slides pertaining to endocrine system-	1
31.	12.12.2020	1	Study of gross specimens and histopathological slides pertaining to Skin and Appendages	1
32.	18.12.2020	1	Study of gross specimens and histopathological slides pertaining to Ear	1
33.	19.12.2020	1	Study of gross specimens and histopathological slides pertaining to Eye	1

34.	26.12.2020	1	Macroscopic and microscopic examinations of various types of benign and malignant tumours	1
35.	1.1.2021	1	1Macroscopic and microscopic examinations of various types of benign and malignant tumours	1
36.	2.1.2021	1	Examination of blood for routine haematological tests in domestic animals and poultry	1
37.	22.1.2021	1	Veterinary Clinical Pathology- Introduction, Haematology Different anticoagulant used in haematology.	1
38.	23.1.2021	1	Urinalysis- Interpretation of physical, chemical and microscopic examination of urine. Study of biopsy and cytology including exfoliative cytology as rapid diagnostic techniques.	1
39.	29.1.2021	1	Estimation of hemoglobin	1
40.	30.1.2021	1	Total leucocyte count (tlc)	1
41.	5.2.2021	1	Determination of total erythrocyte count (red blood cell)	1
42.	6.2.2021	1	Determination of differential leukocytic count (dlc)-identification of different types of leukocytes	1
43.	12.2.2021	1	Counting of the different types of the leucocytes:	1
44.	13.2.2021	1	Characteristics features of the different types of leukocytes	1
45.	19.2.2021	1	Determination of blood groups	1
46.	20.2.2021	1	Determination of the rbc indices (blood standereds)	1
47.	26.2.2021	1	Determination of platelet count	1
48.	27.2.2021	1	Determination of erythrocyte sedimentation rate (esr)	1
49.	6.3.2021	1	Physical examination of urine.	1
50.	12.3.2021	1	Physical, chemical and microscopic examination of urine.	1
51.	13.3.2021	1	Post mortem examination of large animal	1
52.	19.3.2021	1	Post mortem examination of large animal	1
53.	20.3.2021	1	Post mortem examination of wild animals	1

54.	26.3.2021	1	Post mortem examination of laboratory animals	1
55.	27.3.2021	1	Post mortem examination of small animals	1
56.	3.4.2021	1	Post mortem examination and its interpretation	1
57.	9.4.2021	1	Study of gross specimens and histopathological slides of various organs pertaining to infectious diseases of domestic animals	1
58	10.4.2021	1	Study of gross specimens and histopathological slides of various organs pertaining to infectious diseases of domestic animals	
59.	16.4.2021	1	Study of gross specimens and histopathological slides of various organs pertaining to infectious diseases of domestic animals	1
60.	17.4.2021	1	Study of gross specimens and histopathological slides of various organs pertaining to non- infectious diseases of domestic animals.	1
61.	23.4.2021	1	Study of gross specimens and histopathological slides of various organs pertaining to non- infectious diseases of domestic animals.	1
62.	24.4.2021	1	Demonstration of causative agents in tissue section by special staining methods	1
63.	30.4.2021	1	use of rapid diagnostic tests.	1
64	1.5.2021	1	Post mortem examination of Poultry	
65.	8.5.2021	1	Post mortem examination of Poultry revision	1
66.	15.5.2021	1	Study of post mortem report	1
65.	21.5.2021	1	Collection, preservation and dispatch of morbid materials in poultry diseases.	1
66.	22.5.2021	1	Study of gross specimens and histopathological slides of different diseases of poultry	1
67.	28.5.2021	1	Post mortem examination of laboratory animals	1
68.	29.5.2021	1	Post mortem examination of wild animals	1
69	11.06.2021	1	Revision of hydropericardium syndrome chicken infectious anaemia, avian nephritis	
70	12.06.2021	1	Revision of infectious laryngotracheitis, fowl pox, avian influenza, Marek's disease	
71.	18.6.2021	1	Study of gross specimens and histopathological slides of different	1
			diseases of wild animals	

72	19.06.2021	1	Revision of colibacillosis, infectious coryza, clostridial diseases, salmonella infections, fowl cholera, tuberculosis and spirochaetosis	1
73.	25.6.2021	1	Study of gross specimens and histopathological slides of different diseases of wild animals	1
74.	26.06.2021	1	Important question revision	1
75.	2.7.2021	1	Important question revision	1
76.	3.7.2021	1	Important question revision	1

Signature of Head of Department