

SYNOPSIS FOR “PARASITOLOGY MODULE” DISCIPLINE EXAM (2016)
FACULTY OF VETERINARY MEDICINE, UNIVERSITY OF FORESTRY, SOFIA

THEORETICAL EXAM QUESTIONS (92)

I. General parasitology part:

1. Subject and content of veterinary parasitology.
2. Animal associations. Parasitism.
3. Parasites and types parasites.
4. Live cycles of parasites.
5. Origin and evolution of parasitism and parasites.
6. Modules of infections.
7. Adaptations to the parasitic life of the parasites.
8. Pathogenic effects of parasites on their host.
9. Epizootology of parasitic diseases.
10. Immunity to parasitic diseases.
11. Factors that brake down the immunity.
12. Natural resistance.
13. Evasion of the immune response by helminths.

II. Parasitic diseases of farm animals part:

14. Fasciolosis.
15. Dicrocoeliosis.
16. Echinostomatidosis.
17. Paramphistomosis.
18. Prosthogonimosis.
19. Taeniosis of man.
20. Cysticercosis of swine.
21. Cysticercosis of cattle
22. Cysticercosis caused by *Cysticercus tenuicollis*.
23. Cysticercosis caused by *Cysticercus ovis*.
24. Cysticercosis caused by *Cysticercus pisiformis*.
25. Hydatidosis.
26. Diphyllbothriosis.
27. Monieziosis.
28. Avitellinosis.

29. Stilesiosis.
30. Thysaniesiosis.
31. Drepanidotaeniosis.
32. Choanotaeniosis.
33. Raillietinosis.
34. Davaineosis.
35. Ascaridosis.
36. Heterakidosis.
37. Ascaridiosis of poultry.
38. Strongyloidosis.
39. Oesophagostomosis.
40. Chabertiosis.
41. Bunostomosis of sheep.
42. Amidostomosis.
43. Syngamosis.
44. Dictyocaulosis.
45. Metastrongylidosis.
46. Protostrongylidosis.
47. Muelleriosis.
48. Trichinellosis.
49. Trichurosis.
50. Ascaropsosis.
51. Physocephalosis.
52. Simondsiosis.
53. Cheilospirurosis.
54. Ehinuriosis.
55. Streptocarosis.
56. Capillariosis.
57. Haemonchosis.
58. Ostertagiosis.
59. Nematodirosis.
60. Cooperiosis.
61. Trichostrongylosis.
62. Thelasiois.

- 63. Setariosis.
- 64. Gnatostomosis.
- 65. Parafilariosis of cattle.
- 66. Onchocercosis.
- 67. Eimeriosis of gallinaceus fowl.
- 68. Sarcoptosis.
- 69. Psoroptosis of seep.

III. Parasitic diseases of pets part:

- 70. Toxocarosis.
- 71. Toxascaridosis.
- 72. Ancylostomosis and uncinariosis.
- 73. Sarcoptosis of dogs and cats.
- 74. Demodecosis.
- 75. Dirofilariosis.
- 76. Taenioses.
- 77. Echinococcosis.
- 78. Trichurosis.
- 79. Ixodid ticks infection.

IV. Parasitic diseases of equines part:

- 80. Strongylidoses of equines.
- 81. Babesiosis.
- 82. Sarcoptosis.
- 83. Strongyloidosis.
- 84. Oxyurosis.
- 85. Trypanosomosis.
- 86. Onchocercosis.
- 87. Parascaridosis.
- 88. Ixodid ticks infection.
- 89. Fasciolosis.
- 90. Dicrocoeliosis.
- 91. Hydatidosis.
- 92. Trichinellosis.

PRACTICAL EXAM QUESTIONS (105)

I. GENERAL PART:

1. COLLECTION OF FECAL SAMPLES.
2. HELMINTHOSCOPY PROCEDURE.
3. HELMINTHOVOSCOPY: SIMPLE METHODS.
4. HELMINTHOVOSCOPY: FECAL FLOTATION – SALT, MAGNESIUM SULPHATE AND SHEATHER'S FLOTATION TESTS.
5. HELMINTHOVOSCOPY: FECAL SEDIMENTATION TESTS.
6. HELMINTHOLARVOSCOPY. FECAL CULTURE.
7. EGG-COUNTING PROCEDURES: MCMASTER AND STOLL TESTS.
8. COMPLETE HELMINTHOLOGICAL NECROPSY: OPENING THE CADAVER.
9. COMPLETE HELMINTHOLOGICAL NECROPSY: THORACIC VISCERA.
10. COMPLETE HELMINTHOLOGICAL NECROPSY: ABDOMINAL VISCERA.
11. COLLECTION, MORTIFICATION, FIXATION, AND PRESERVATION OF HELMINTHES: TREMATODES PART.
12. COLLECTION, MORTIFICATION, FIXATION, AND PRESERVATION OF HELMINTHES: CESTODES PART.
13. COLLECTION, MORTIFICATION, FIXATION, AND PRESERVATION OF HELMINTHES: NEMATODES PART.
14. STAINING OF HELMINTHES AND PREPARATION OF MICROSCOPIC SPECIMENS FROM THEM.
15. DIAGNOSTIC METHODS IN PROTOZOOLOGY: INTESTINAL PROTOZOA.
16. DIAGNOSTIC METHODS IN PROTOZOOLOGY: PROTOZOA OF THE REPRODUCTIVE TRACT.
17. DIAGNOSTIC METHODS IN PROTOZOOLOGY: BLOOD PROTOZOAN PARASITES.
18. COLLECTION OF PARASITIC ACARI AND INSECTS.
19. PREPARATION OF MICROSCOPIC SPECIMENS FROM ARTHROPODS.

II. PARASITES OF FARM ANIMALS PART:

1. GENERAL MORPHOLOGY AND LIFE CYCLE OF TREMATODES OF VETERINARY IMPORTANCE.
2. FAMILY FASCIOLIDAE.
3. FAMILY DICROCOELIIDAE.
4. FAMILY PARAMPHISTOMIDAE.
5. FAMILY ECHINOSTOMATIDAE.
6. FAMILY PROSTHOGONIMIDAE.
7. GENERAL MORPHOLOGY AND LIFE CYCLE OF CESTODES OF VETERINARY IMPORTANCE.
8. FAMILY TAENIIDAE – TAENIIDS OF IMPORTANCE FOR HUMAN, SWINE AND CATTLE.
9. CESTODE LARVAE IN FARM ANIMALS: CYSTICERCI.
10. CESTODE LARVAE IN FARM ANIMALS: COENURUS.
11. CESTODE LARVAE IN FARM ANIMALS: ECHINOCOCCUS (HYDATID) CYSTS.
12. FAMILY ANOPLOCEPHALIDAE.
13. FAMILY THYSANOSOMIDAE.
14. FAMILY DAVAINAEIDAE: DAVAINA GENUS.
15. FAMILY DAVAINAEIDAE: RAILLIETINA GENUS.
16. FAMILY HYMENOLEPIDIDAE.
17. GENERAL MORPHOLOGY AND LIFE CYCLE OF NEMATODES OF VETERINARY IMPORTANCE.
18. RHABDISIDEAS OF FARM ANIMALS.
19. FAMILY ANCYLOSTOMATIDAE.
20. OESOPHAGOSTOMIDS OF PIGS AND RUMINANTS.
21. FAMILY TRICHOSTRONGYLIDAE.
22. LUNG'S STRONGYLES IN FARM ANIMALS: FAMILY SYNGAMIDAE.
23. LUNG'S STRONGYLES IN FARM ANIMALS: DICTYOCAULUS GENUS.

24. LUNG'S STRONGYLES IN FARM ANIMALS: FAMILY PROTOSTRONGYLIDAE.
25. FAMILY ASCARIDIDAE.
26. FAMILY HETERAKIDAE.
27. FAMILY THELAZIIDAE.
28. FAMILY SPIROCERCIDAE.
29. FAMILY FILARIIDAE.
30. FAMILY ONCHOCERCIDAE.
31. FAMILY TRICHURIDAE.
32. FAMILY CAPILLARIIDAE.
33. FAMILY TRICHINELLIDAE.
34. ACANTHOCEPHALANS OF FARM ANIMALS.
35. FAMILY TRICHOMONADIDAE AND MONOCERCOMONADIDAE.
36. EIMERIAS IN CHICKENS.
37. BOVINE EIMERIAS.
38. SHEEP EIMERIAS.
39. GOAT EIMERIAS.
40. EIMERIAS IN RABBITS.
41. SARCOCYSTS OF CATTLE.
42. SARCOCYSTS OF SHEEP.
43. SARCOCYSTS OF GOATS.
44. SARCOCYSTS OF PIGS.
45. TOXOPLASMA IN FARM ANIMALS.
46. BOVINE BABESIAS.
47. BABESIAS OF SMALL RUMINANTS.
48. THEILERIAS IN CATTLE.
49. THEILERIAS IN SHEEP AND GOATS.
50. FAMILY BALANTIDIIDAE.
51. GENERAL MORPHOLOGY AND LIFE CYCLE OF ARTHROPODS: ACARI.
52. THE TICKS: FAMILY IXODIDAE.
53. THE TICKS: FAMILY ARGASIDAE AND DERMANYSSIDAE.
54. MANGE MITES: FAMILY SARCOPTIDAE AND KNEMIDOCOPTIDAE.
55. MANGE MITES: FAMILY PSOROPTIDAE.
56. GENERAL MORPHOLOGY AND LIFE CYCLE OF INSECTS.
57. DIPTERANS: FAMILY TABANIDAE.
58. DIPTERANS: FAMILY MUSCIDAE.
59. DIPTERANS: FAMILY CALLIPHORIDAE.
60. DIPTERANS: FAMILY SARCOPHAGIDAE.
61. DIPTERANS: HYPODERMAS OF CATTLE.
62. DIPTERANS: FAMILY OESTRIDAE AND HIPPOBOSCIDAE.
63. DIPTERANS: FAMILY SIMULIIDAE.
64. MALLOPHAGANS.
65. ANOPLURANS.

III. PARASITES OF EQUINES PART:

1. FAMILY ANOPLOCEPHALIDAE.
2. LARGE EQUINE STRONGYLES: FAMILY STRONGYLIDAE.
3. FAMILY ASCARIDIDAE AND OXYURIDAE.
4. FAMILY HABRONEMATIDAE.
5. FILARIIDS OF EQUINE.
6. FAMILY TRYPANOSOMATIDAE AND SARCOCYSTIIDAE OF EQUINES.
7. FAMILY BABESIIDAE.

8. MANGE MITES OF EQUINES.
9. GASTEROPHILIDS OF EQUINES.

IV. PARASITES OF PETS (DOGS AND CATS) PART:

1. FAMILY TAENIIDAE: GENUS TAENIA.
2. FAMILY TAENIIDAE: GENUS ECHINOCOCCUS.
3. DIPYLIIDS, MESOCESTOIDS AND DIPHYLLOBOTHRIIDS OF PETS.
4. FAMILY ANCYLOSTOMATIDAE.
5. FAMILY ASCARIDIDAE OF DOGS AND CATS.
6. TRICHURIDS AND CAPILLARIIDS OF DOGS AND CATS.
7. FILARIIDS OF PETS.
8. ISOSPORAS AND BABESIAS OF DOGS AND CATS.
9. LEISHMANIAS OF DOGS.
10. MANGE MITES: SARCOPTIDS AND OTODECTIDS OF DOGS AND CATS.
11. MANGE MITES: FAMILY DEMODECIDAE.
12. FLEAS.

SOFIA, BULGARIA

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