



Choose the correct answer for the following

- 1- Members of genus *Strongylus* live in the ----- of horses and donkeys.
a- Small intestine b. Large intestine c. Respiratory tract
- 2- The adult worms of *Oxyuris equi* are found in the horses in the
a- Colon b- small intestine c- stomach
- 3- Nematodes parasites which are infected the poultry such as
a- *Strongylus vulgaris* b- *Ancylostoma caninum* c- *Heterakis gallinarum*
- 4- Messenger RNA is synthesized inside
- a- the nucleus b- cytoplasm c- mitochondria
- 5- The cause of parasitic bronchitis in cattle is -----
a- *Dictyocaulus viviparus* b - *Dictyocaulus filaria*
c- *Dictyocaulus arnfieldi*
- 6- *Chabertia ovina* is the largest nematodes in -----
a- ruminants b- dogs c- horses
- 7- *Ostertagia ostertagi* is the major cause of parasitic gastritis in -----
a- horses b- ruminates c- dogs
- 8- Hookworms of dogs such Genus -----
a. *Bunostomum* b. *Ancylostoma* c. *Oesophagostomum*
- 9- In sheep and goat infected with *Oesophagostorntun columbianum* causes -----
---- in colon .
a- the nodules reaching 2.0cm b- thrombus formation c- bunostomosis
- 10- The intermediate stages of *Taenia saginata* found in the muscles of-----
a- cattle b- chicken c- fish
- 11- The final host of *Moniezia expansa* in -----
a- dog and cat b- sheep and goats c- snail and mites
- 12- *Diphyllobothrium latum* have----- Intermediate hosts.
a- one b- two c- three
- 13- The adults *Echinococcus granulosus* is found in the-----
a- pancreatic ducts of ruminants b- small intestine dogs
c- large intestine of man
- 14- The infection with *Paramphistomum cervi* is occurs after -----
a- ingestion of encysted metacercariae with herbage
b- penetration of the skin with cercaria c- ingestion of L3
- 15- The adult tapeworm of *Taenia multiceps* is found in the-----
a- dogs b- sheep. c- goats





- 16- Arthropods have an outer covering called
 a- endoskeleton b- bones c- exoskeleton
- 17- The type of nucleic acid is
 a- one b- two c- three
- 18- The haemocoel contains fluid called
 a- blood b- lymph c- haemolymph
- 19- DNA contains the sugar.....
 a- ribose b- deoxyribose c- glucose
- 20 -The function of DNA is
 a- cellular protein synthesis b- cellular lipid synthesis
 c- storing & transferring of genetic information
- 21- The body of Arachnids is divided into
 a- two parts b- three parts c- four parts
- 22- Ticks transmit protozoa like
 a- *Babesia* b- *Eimeria* c- *Entamoeba*
- 23- The head of an insect has
 a- a single pair of antennae b- two pairs of antennae c- three pairs of antennae
- 24- Genus *Gastrophilus* spend most their time developing in theof equine
 a- stomach b- skin c- nostrils
- 25- Sporulated *Toxoplasma gondii* oocysts found in the feces of -----
 a- Chickens. b- cats c- dogs
- 26- The final host of the pathogen of Neosporosis is -----
 a- dogs b- cats c- horse
- 27- *Leishmania tropica* causing -----
 a- Cutaneous leishmaniosis b- Visceral leishmaniosis
 c- mucocutaneous leishmaniosis
- 28- *Eimeria ovis* infect -----
 a- Rabbit b- Sheep c- Horse
- 29- Surra disease caused by -----
 a- *Trypanosoma evansi* b- *Trypanosoma equiperdum* c- *Trypanosoma vivax*
- 30- The tree shape of cell found in-----
 a- nerve cell b- liver cell c- mucous membrane
- 31- The process of mitosis is divided in to -----stages
 a- ten b- two c- five
- 32- Short hair like structures covering the outer surface of the cell and used for movement
 a- Flagella b- cilia c- pseudopodia
- 33- -----tissue produces movement.
 a- Muscular b- connective tissue c- nervous tissue
- 34- *Theileria spp* are transmitted by
 a- ticks b- lice c- fleas



- 35- *Babesia bovis* occurs in
 a- sheep b- dog c- cattle
- 36- The site of infection with *Trichomonas foetus* is -----
 a-uterus b-intestine c-liver
- 37- Enlarged lymph node is the clinical sign of
 a- Babesia b- Theileria c- Anaplasma
- 38- In the life cycle of *Babesia* the migrate to the tissues of the tick especially the ovary .
 a- vermiformes b- sporozoite c- schizont
- 39- The infective stage of malaria is.....
 a- sporozoite b- gametocyte c- schizont
- 40- *Haemoproteus* is transmitted by.....
 a- Hippoboscids b- ticks c- lice
- 41- All living organisms have the ability to produce offspring this process called
 a- Reproduction b- Respiration c- Excretion
- 42- The living things differentiate from non-living things by
 a- Activity b- shape c- color
- 43- Cell division
 a- In Eukaryotic cell by binary fission and in Prokaryotic by mitosis
 b- In prokaryotic cell by binary fission and in Eukaryotic by mitosis
 c- In Eukaryotic by Budding.
- 44- The common name of *Sarcoptes scabiei* is.....
 a- burrowing mite b- stable fly c- cattle tick
- 45- The common name of hard tick *Rhipicephalus* is.....
 a- brown dog or kennel tick b- yellow tick c- black tick
- 46- _____ larvae in sheep spend the parasitic period in the air passage of the host.
 a- *Oestrus* spp b- *hypoderma bovis* c- *Gasterophilus* spp
- 47- The common name of *Argas persicus* is
 a- The red mite b- The fowl tick c- bot fly
- 48- _____ ticks have chitinous cover called scutum.
 a- Soft b- hard c- *Argas*
- 49- The common name of _____ is stable fly.
 a- *Stomoxys calcitrans* b- screw worms c- tsetse flies
- 50- _____ is the common name of *Oestrus* spp. larva.
 a- horse bot fly b- Nasal bot c- warble flies
- 51- *Ctenocephalides canis* act as intermediate hosts for _____
 a- *Dipylidium caninum*. b- *Toxocara canis* c- *Toxocara cati*



52- The oocyst of *Cryptosporidium parvum* diagnosed by using _____ faecal smears

a- Ziehl Nielsen b-Giemsa stain c-Gram stain

53- Genus of *Demodex* the mites infest _____.

a- mammals b-dogs c-fish

54- *Eimeria zuernii* infects _____.

a- cattle b-sheep c-rabbit

55-All *Trypanosoma* have arthropod vectors in which transmission is either cyclical or noncyclical except for ----- which is a venereal disease.

a- *T. equiperduun* b- *T. evansi* c- *T. Cruzi*

56-Salivaria group of *Trypanosoma* transmitted with -----

a- sand fly b- tse tse fly c- lice

57-The demonstration of trypanosomes in the -----smears.

a- skin b- blood c- fecal

58-The life cycle of *Leishmania* has ----- stages.

a- Two b- four c- three

59-*Eimeria tenella* causes caecal coccidiosis in -----

a- dogs b- cattle c- chickens

60- Sporulation of oocysts of *Eimeria* occurs under -----

a- oxygen only b- high humidity only
c- oxygen, high humidity and optimal temperatures about 27°C

61- Coccidiosis in dogs occurs by -----.

a- *Eimeria* b- *Isospora* c- *Trypanasoma*

62-Acute Toxoplasmosis occurs due to ----- stage.

a-Sporozoites b-Tachyzoites c- Bradyzoites

63- Abortion in ewes, the *Toxoplasma* being found in the typical -----lesions in the cotyledons of the placenta and in foetal tissues

a- blue b- white c- red

64-*Neospora caninum* causes abortion in -----.

a- cat b- cattle c- horses

65-The final hosts of *Sarcocystis*-----

a- cattle b- sheep c- cats and dogs

66-The clinical signs of anaplasmosis are often peracute and frequently fatal in cattle -

a- under one year old b- 2-3 years c- over three years

67-The *Anaplasma phagocytophilum* infects -----

a- dogs b- camels c- buffaloes



68- Tabanidae are important in the _____ transmission of pathogens such as trypanosomes.

a-biological **b-mechanical** c-simple

69- Macrogametes and microgametes of *Leucocytozoon* reside in the -----

a- leucocytes b- erythrocytes **c-basophile**

70-Vector of *Plasmodium* is -----

a- ticks **b- mosquitoes** c- flies

71-Species of *Anaplasma* are parasites of the erythrocytes of ruminants especially-----.

a- Human b- cat **c- cattle**

72-*Anaplasma* is transmitted-----

a- biologically by ticks

b- mechanically by sucking flies, especially tabanids or contaminated surgical instruments.

c- Through the fomites

73-*Leucocytozoon* are parasites of -----

a- ruminants b-horses **c-birds**

74- DNA is always in a..... helix

a- double b-single c- third

75-Infective stage of Plasmodiidae is -----

a-Oocysts b- sporocysts

c-no sporocysts, with the sporozoites lying free within the oocysts.

76-In *Ascaris* spp. infection the migrating larval stages in large numbers may cause a

a- transient pneumonia b- diarrhea c- nervous signs

77-In *Toxocara canis* infection by Transmammary transmission the suckling pups may be infected by ingestion of ----- with the milk.

a- egg **b- cyst** c- Larvae

78- parasites which are infected trachea of poultry is

a-*Strongylus vulgaris* b- *Syngamous trachea* **c- *Heterakis gallinarum***

79- The pathogenesis of hook worms infection in dogs is

a- haemorrhagic anaemia b- intense pruritis c- transient pneumonia

80- *Strongylus vulgaris* which lives in the large intestine of horses and donkeys are commonly known as the

a- hook worms b- small strongyles **c- large strongyles.**

81- The final hosts of *Taenia hydatigena* are -----

a- the dogs and wild candies b- horse c-sheep

82- The final hosts of *Moniezia benedeni* are -----

a- cattle b- equine c- human





- 83-Intermediate hosts of *Anoplocephala perfoliata* are -----
a- forage mites b- dogs c- snails
- 84-The site of *Stilesia globipunctata* in -----of sheep , goats and other ruminants
a- brain b- small intestine c-nasal cavity
- 85- *Thysanosoma actinioides* is known as -----
a-fringed tapeworm b-dwarf tap worm c-small chicken tap worm
- 86- *Avitellina centripunctata* is found in the -----of sheep and other ruminants
a- nasal cavity b-brain c- small intestine
- 87-The intermediate host of genus *Schistosoma* is-----
a- dog b- water snail c- forage mites
- 88- The adult tapeworm of *Taenia solium* is found in the -----
a- dog b- sheep c-human
- 89- The site of *Stilesia hepatica* in -----of sheep, goats and other ruminants
a- nasal cavity b - brain c- bile ducts
- 90-The intermediate hosts of *Dipylidium caninum* are-----
a- dogs b- fleas c- cats
- 91-The first stage of *Mesocestoides lineatus* in the first intermediate hosts is a-----
a- cysticercoid in mite b- tetrathyridium c- proceroid
- 92-The cause of parasitic bronchitis in horse is -----
a-*Dictyocaulus viviparus* b - *Dictyocaulus filaria*
c- *Dictyocaulus arnfieldi*
- 93- *Dicrocoelium dentriticum* need ----- intermediate host.
a- one b- two c- three
- 94- The infective stage of *Fasciola gigantica* is ----- for infected the ruminants.
a- cercaria b- miracidia c- metacercariae
- 95-The Chronic Ovine Fasciolosis occurs after ingestion of -----
a- over 2000 metacercariae
b- 10-20 metacercariae
c- 200-500 of metacercariae
- 96-Fistulous withers is the disease caused by -----
a- *Onchocerca reticulata* b- *Dirofilaria immitis*
c- *Ostertagia ostertagi*
- 97- Each ----- removes about 0.05 ml of blood per day.
a- *Cooperia punctate* b- *Haemonchus sp.* c- *Muelleriles capillaris*



- 98- The adults *Trichinella spiralis* occur in -----of hosts
a-small intestine b-brain c-liver
- 99-The worms----- penetrate between the glands rather than into the glands
a- *Trichostrongylus axei* b- *Haemonchus contortus* c- *Cooperia punctata*
- 100- *Dictyocalus filaria* is the most important lungworm of -----
a-human b- sheep and goats c- cats

GOOD LUCK

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