

## 25 Veterinary Pathology ICAR SEPT 2022

Topic:- GEN KNOW COMMON PHD

1) Colour of the tag used on certified seed bags is[Question ID = 16958][Question Description = 101\_221\_GKD\_SEP22\_Q01]

1. Blue [Option ID = 37829]
2. Purple [Option ID = 37830]
3. White [Option ID = 37831]
4. Golden Yellow [Option ID = 37832]

2) Following are the statements regarding the Usar soil -

- A. It is reclaimed by adding lime.
- B. This soil has pH more than seven.
- C. Paddy crop can be grown in this soil.

Choose the *correct* answer from the options given below:

[Question ID = 16959][Question Description = 102\_221\_GKD\_SEP22\_Q02]

1. A and B only [Option ID = 37833]
2. B and C only [Option ID = 37834]
3. C only [Option ID = 37835]
4. A only [Option ID = 37836]

3) When total utility of a commodity increases, marginal utility will be

[Question ID = 16960][Question Description = 103\_221\_GKD\_SEP22\_Q03]

1. Negative but increasing  
[Option ID = 37837]
2. Positive but decreasing  
[Option ID = 37838]
3. Constant  
[Option ID = 37839]
4. Either positive or negative  
[Option ID = 37840]

4) Where is the headquarter of International Fund for Agriculture Development located?

[Question ID = 16961][Question Description = 104\_221\_GKD\_SEP22\_Q04]

1. Vienna, Austria  
[Option ID = 37841]
2. Rome, Italy  
[Option ID = 37842]
3. New York, USA  
[Option ID = 37843]
4. Berlin, Germany  
[Option ID = 37844]

5) Mid-Oceanic Ridges are one of the important divisions of the ocean floor. In this respect, point out the incorrect statement regarding the 'Mid-Oceanic Ridges'. [Question ID = 16962][Question Description = 105\_221\_GKD\_SEP22\_Q05]

1. It is the largest mountain chain on the surface of the earth [Option ID = 37845]
2. It is a series of interconnected chain within the ocean. [Option ID = 37846]
3. It is characterised by a central rift system [Option ID = 37847]
4. The rift system at the crest is the zone of very low volcanic activity. [Option ID = 37848]

6) Consider the following facts about the union territory of India and point out the one which is incorrect in relation to union territory. [Question ID = 16963][Question Description = 106\_221\_GKD\_SEP22\_Q06]

1. These are the areas under the direct control of central government. [Option ID = 37849]
2. Also known as the 'centrally administered territories. [Option ID = 37850]

3. These territories constitute a conspicuous departure from the unitary feature of India. [Option ID = 37851]
4. There is no uniformity in their administrative systems. [Option ID = 37852]

**7) Variety of flora and fauna are found in the different types of forest in India. In this regard, species of trees like teak, *sal shisham*, *sandalwood*, etc. are found in which of the following type of forests in India?**[Question ID = 16964][Question Description = 107\_221\_GKD\_SEP22\_Q07]

1. Tropical evergreen forests [Option ID = 37853]
2. Tropical thorn forests [Option ID = 37854]
3. Tropical deciduous forests [Option ID = 37855]
4. Montane forests [Option ID = 37856]

**8) The Marginal Preference Theory of consumption behaviour was proposed by**

**[Question ID = 16965][Question Description = 108\_221\_GKD\_SEP22\_Q08]**

1. Armstrong  
[Option ID = 37857]
2. J.K.Hicks  
[Option ID = 37858]
3. Neumann  
[Option ID = 37859]
4. Edmund Cannon  
[Option ID = 37860]

**9) Point out the incorrect statements regarding the service sector in India.**[Question ID = 16966][Question Description = 109\_221\_GKD\_SEP22\_Q09]

1. It is the highest contributor to GDP [Option ID = 37861]
2. It requires skilled labour [Option ID = 37862]
3. It is the fastest growing sector [Option ID = 37863]
4. It is restricted to very few sectors. [Option ID = 37864]

**10) Consider the statements regarding the agriculture sector in India and point out the incorrect statement.**[Question ID = 16967][Question Description = 110\_221\_GKD\_SEP22\_Q10]

1. Agriculture sector is the largest employer of workforce [Option ID = 37865]
2. It has contributed to the Gross Value Added (GVA) [Option ID = 37866]
3. Growth in allied sectors is the major drivers of overall growth in the sector. [Option ID = 37867]
4. Minimum Support Price (MSP) policy is used as to promote crop uniformity. [Option ID = 37868]

**11) In case of related goods, the cross elasticity of demand is**[Question ID = 16968][Question Description = 111\_221\_GKD\_SEP22\_Q11]

1. Low [Option ID = 37869]
2. High [Option ID = 37870]
3. Zero [Option ID = 37871]
4. Unity [Option ID = 37872]

**12) With reference to organic farming in India, consider the following statements :**

- A. The National Programme for Organic Production' (NPOP) is operated under the guidelines and directions of the Union Ministry of Rural Development.
- B. The Agricultural and Processed Food Products Export Development Authority' (APEDA) functions as the Secretariat for the implementation of NPOP.
- C. Sikkim has become India's first fully organic state.

Choose the *correct* answer from the options given below:

**[Question ID = 16969][Question Description = 112\_221\_GKD\_SEP22\_Q12]**

1. A and B only  
[Option ID = 37873]
2. B and C only  
[Option ID = 37874]
3. C only  
[Option ID = 37875]
4. A, B and C

[Option ID = 37876]

13) With reference to the circumstances in Indian agriculture, the concept of "Conservation Agriculture" assumes significance. Which of the following falls under the Conservation Agriculture ?

- A. Avoiding the monoculture practices.
- B. Adopting minimum tillage.
- C. Avoiding the cultivation of plantation crops.
- D. Using crop residues to cover soil surface.
- E. Adopting spatial and temporal crop sequencing/ crop rotations.

Choose the *correct* answer from the options given below:

[Question ID = 16970][Question Description = 113\_221\_GKD\_SEP22\_Q13]

- 1. A, C and D only [Option ID = 37877]
- 2. B, C, D and E only [Option ID = 37878]
- 3. B, D and E only [Option ID = 37879]
- 4. A, B, C and E only [Option ID = 37880]

14) Consumers are likely to get a variety of goods in which kind of market competition[Question ID = 16971][Question Description = 114\_221\_GKD\_SEP22\_Q14]

- 1. Monopoly [Option ID = 37881]
- 2. Duopoly [Option ID = 37882]
- 3. Oligopoly [Option ID = 37883]
- 4. Monopolistic [Option ID = 37884]

15) What is the correct chronological order of the following laws enacted for the conservation and protection of environment ?

- A. Environment (Protection) Act.
- B. Water (Prevention & Control of Pollution) Act.
- C. Air (Prevention & Control of pollution) Act.
- D. National Green Tribunal Act.

Choose the *correct* answer from the options given below:

[Question ID = 16972][Question Description = 115\_221\_GKD\_SEP22\_Q15]

- 1. B, C, A, D [Option ID = 37885]
- 2. A, B, C, D [Option ID = 37886]
- 3. C, B, A, D [Option ID = 37887]
- 4. D, C, B, A [Option ID = 37888]

16) The scientific study of soil is[Question ID = 16973][Question Description = 116\_221\_GKD\_SEP22\_Q16]

- 1. Earth Study [Option ID = 37889]
- 2. Soil Science [Option ID = 37890]
- 3. Pedology [Option ID = 37891]
- 4. Soil Chemistry [Option ID = 37892]

17) *Triticum aestivum*, the common bread wheat is -

[Question ID = 16974][Question Description = 117\_221\_GKD\_SEP22\_Q17]

- 1. Tetraploid

[Option ID = 37893]

- 2. Hexaploid

[Option ID = 37894]

- 3. Haploid

[Option ID = 37895]

- 4. Diploid

[Option ID = 37896]

18) Sectoral inflation refers to[Question ID = 16975][Question Description = 118\_221\_GKD\_SEP22\_Q18]

- 1. Running inflation [Option ID = 37897]

2. Comprehensive inflation [Option ID = 37898]
3. Sporadic inflation [Option ID = 37899]
4. Creeping inflation [Option ID = 37900]

**19) Keynes Liquidity trap refers to[Question ID = 16976][Question Description = 119\_221\_GKD\_SEP22\_Q19]**

1. Speculative demand for money [Option ID = 37901]
2. Transactions motive of money is inelastic [Option ID = 37902]
3. Precautionary motive of money is inelastic [Option ID = 37903]
4. Transactions motive of money is constant [Option ID = 37904]

**20) A business is solvent if[Question ID = 16977][Question Description = 120\_221\_GKD\_SEP22\_Q20]**

1. Total receipts exceed total expenditures [Option ID = 37905]
2. Total debt exceeds total equity [Option ID = 37906]
3. Total sales exceed total cash expense [Option ID = 37907]
4. Total assets exceed total liabilities [Option ID = 37908]

Topic:- Veterinary and Animal Sciences 2\_PHD

**1) Migration of larval stage of parasite through various organs of definitive host during its development is termed as:**

**[Question ID = 3701][Question Description = 101\_119\_BVA\_SEP22\_Q01]**

1. Diapause [Option ID = 14801]
2. Histotrophic phase [Option ID = 14802]
3. Hypobiosis [Option ID = 14803]
4. Hibernation [Option ID = 14804]

**2) The same host acting as both definitive and intermediate host due to auto-infection or reinfection is better termed as:**

**[Question ID = 3702][Question Description = 102\_119\_BVA\_SEP22\_Q02]**

1. Monoxenous parasite [Option ID = 14805]
2. Heteroxenous Parasite [Option ID = 14806]
3. Facultative heteroxenous parasite [Option ID = 14807]
4. Autoheteroxenous Parasite [Option ID = 14808]

**3) Which of the following nematode does not bear any spicule?**

**[Question ID = 3703][Question Description = 103\_119\_BVA\_SEP22\_Q03]**

1. *Oxyuris equi* [Option ID = 14809]
2. *Trichuris ovis* [Option ID = 14810]
3. *Trichinella spiralis* [Option ID = 14811]
4. *Dictyocaulus filaria* [Option ID = 14812]

**4) Which one among the following tapeworms has operculated egg?**

**[Question ID = 3704][Question Description = 104\_119\_BVA\_SEP22\_Q04]**

1. *Echinococcus granulosus* [Option ID = 14813]
2. *Taenia solium* [Option ID = 14814]
3. *Hymenolepis nana* [Option ID = 14815]
4. *Diphyllobothrium latum* [Option ID = 14816]

**5) Winter coccidiosis in cattle is caused by the following protozoan parasite:**

**[Question ID = 3705][Question Description = 105\_119\_BVA\_SEP22\_Q05]**

1. *Eimeria zuernii* [Option ID = 14817]
2. *Theileria annulata* [Option ID = 14818]
3. *Babesia bigemina* [Option ID = 14819]
4. *Babesia bovis* [Option ID = 14820]

**6) Moniliform antenna is seen in:**

**[Question ID = 3706][Question Description = 106\_119\_BVA\_SEP22\_Q06]**

1. Horse fly [Option ID = 14821]
2. Sand fly [Option ID = 14822]
3. Tiger mosquito [Option ID = 14823]
4. Deer fly [Option ID = 14824]

**7) Given below are two statements**

Statement I: Blackflies breed only in running water.

Statement II: Both male and female black flies suck blood.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3707][Question Description = 107\_119\_BVA\_SEP22\_Q07]

1. Both Statement I and Statement II are true [Option ID = 14825]
2. Both Statement I and Statement II are false [Option ID = 14826]
3. Statement I is true but Statement II is false [Option ID = 14827]
4. Statement I is false but Statement II is true [Option ID = 14828]

8) Match List I with List II

List I	List II
(Name of the vector)	(Pathogen transmitted)
A. <i>Blatella germanica</i>	I. <i>Gongylonema pulchrum</i>
B. <i>Formica fusca</i>	II. <i>Dicrocoelium dendriticum</i>
C. <i>Tabanus striatus</i>	III. <i>Dipylidium caninum</i>
D. <i>Ctenocephalides canis</i>	IV. <i>Trypanosoma evansi</i>
	V. <i>Trypanosoma brucei</i>

Choose the correct answer from the options given below:

[Question ID = 3708][Question Description = 108\_119\_BVA\_SEP22\_Q08]

1. A - I , B - II , C - III , D - IV

[Option ID = 14829]

2. A - I , B - II , C - V , D - III

[Option ID = 14830]

3. A - II , B - I , C - IV , D - III

[Option ID = 14831]

4. A - I , B - II , C - IV , D - III

[Option ID = 14832]

9) Match List I with List II

List I	List II
(Disease)	(Causative agent)
A. Infectious catarrhal enteritis	I. <i>Histomonas meleagridis</i>
B. Dumdum fever	II. <i>Trypanosoma gambiense</i>
C. Sleeping sickness	III. <i>Leishmania donovani</i>
D. Infectious enterohepatitis	IV. <i>Hexamita meleagridis</i>
	V. <i>Trypanosoma evansi</i>

Choose the correct answer from the options given below:

[Question ID = 3709][Question Description = 109\_119\_BVA\_SEP22\_Q09]

1. A - I , B - II , C - IV , D - III [Option ID = 14833]
2. A - I , B - IV , C - II , D - III [Option ID = 14834]
3. A - IV , B - III , C - II , D - I [Option ID = 14835]
4. A - IV , B - III , C - V , D - I [Option ID = 14836]

10) Brood capsule is found in one of the following metacystode stage:

[Question ID = 3710][Question Description = 110\_119\_BVA\_SEP22\_Q10]

1. Hydatid cyst [Option ID = 14837]
2. *Cysticercoid* [Option ID = 14838]
3. *Strobilocercus* [Option ID = 14839]
4. *Cysticercus* stage [Option ID = 14840]

11) Acid fast staining is used for the identification of oocysts of following parasite:

[Question ID = 3711][Question Description = 111\_119\_BVA\_SEP22\_Q11]

1. *Toxoplasma gondii* [Option ID = 14841]
2. *Cryptosporidium parvum* [Option ID = 14842]
3. *Eimeria zuernii* [Option ID = 14843]
4. *Neospora caninum* [Option ID = 14844]

12) Scientific name of 'red mite of poultry' is:

[Question ID = 3712][Question Description = 112\_119\_BVA\_SEP22\_Q12]

1. *Ornithonyssus bursa* [Option ID = 14845]
2. *Dermanyssus gallinae* [Option ID = 14846]
3. *Cnemidocoptes mutans* [Option ID = 14847]
4. *Cnemidocoptes gallinae* [Option ID = 14848]

13) Following are the narrow spectrum anthelmintics except:

[Question ID = 3713][Question Description = 113\_119\_BVA\_SEP22\_Q13]

1. Imidazothiazole [Option ID = 14849]
2. Salicylanilides [Option ID = 14850]
3. Arsenicals [Option ID = 14851]
4. Organophosphates [Option ID = 14852]

14) An acute, highly contagious and immunosuppressive disease of young chicks characterized by haemorrhages in bursa of Fabricius, thigh and pectoral muscles is dignosed as:

[Question ID = 3714][Question Description = 114\_119\_BVA\_SEP22\_Q14]

1. Avian pox [Option ID = 14853]
2. Avian infectious bronchitis [Option ID = 14854]
3. Gumboro disease [Option ID = 14855]
4. Infectious laryngotracheitis [Option ID = 14856]

15) Rhomboid or diamond shaped areas of intense erythema in skin of pigs is characteristically observed in:

[Question ID = 3715][Question Description = 115\_119\_BVA\_SEP22\_Q15]

1. African swine fever [Option ID = 14857]
2. Classical swine fever [Option ID = 14858]
3. Swine influenza [Option ID = 14859]
4. Swine erysipelas [Option ID = 14860]

16) Mushy chick disease is also known as:

[Question ID = 3716][Question Description = 116\_119\_BVA\_SEP22\_Q16]

1. Salmonellosis [Option ID = 14861]
2. Colibacillosis [Option ID = 14862]
3. Pasteurellosis [Option ID = 14863]
4. Mycoplasmosis [Option ID = 14864]

17) Which of the following is the immune complex mediated nephritis?

[Question ID = 3717][Question Description = 117\_119\_BVA\_SEP22\_Q17]

1. Embolic nephritis [Option ID = 14865]
2. Glomerulonephritis [Option ID = 14866]
3. Interstitial nephritis [Option ID = 14867]
4. Pyelonephritis [Option ID = 14868]

18) Which of the following is not an epithelial tumour?

[Question ID = 3718][Question Description = 118\_119\_BVA\_SEP22\_Q18]

1. Papilloma [Option ID = 14869]
2. Adenoma [Option ID = 14870]
3. Carcinoma [Option ID = 14871]
4. Sarcoma [Option ID = 14872]

19) Which among the following could be the reasons for increased eosinophilia of cytoplasm of necrotic cells?

- A. Enzymatic degradation of cytoplasmic RNA
- B. Denaturation of cytoplasmic proteins giving rise to increased numbers of reactive sites for eosin
- C. Depletion of cytoplasmic glycogen
- D. Changes in concentration of intracellular ions
- E. Enzymatic degradation of cytoplasmic DNA

Choose the *correct* answer from the options given below:

[Question ID = 3719][Question Description = 119\_119\_BVA\_SEP22\_Q19]

1. A, B and C only [Option ID = 14873]
2. C and D only [Option ID = 14874]
3. A and B only [Option ID = 14875]
4. C, D and E only [Option ID = 14876]

20) Which among the following are associated with strangles in horses?

- A. Equine distemper
- B. Stellate (star-shaped) lesions in nasal cavity
- C. Guttural pouch empyema
- D. Purpura haemorrhagica
- E. Melioidosis

Choose the *correct* answer from the options given below:

[Question ID = 3720][Question Description = 120\_119\_BVA\_SEP22\_Q20]

1. A, B and C only [Option ID = 14877]
2. A, C and D only [Option ID = 14878]
3. B, D and E only [Option ID = 14879]
4. C, D and E only [Option ID = 14880]

21) Match List I with List II

List I	List II
Name of Inflammation	Organ
A. Spondylitis	I. Spinal cord
B. Myelitis	II. Caecum
C. Typhlitis	III. Vein
D. Phlebitis	IV. Vertebrae
	V. Rectum

Choose the correct answer from the options given below:

[Question ID = 3721][Question Description = 121\_119\_BVA\_SEP22\_Q21]

1. A - II, B - III, C - IV, D - I [Option ID = 14881]
2. A - III, B - V, C - I, D - II [Option ID = 14882]
3. A - IV, B - I, C - II, D - III [Option ID = 14883]
4. A - I, B - II, C - V, D - IV [Option ID = 14884]

22) Match List I with List II

List I	List II
A. Ulcerative lymphangitis	I. <i>Clostridium piliforme</i>
B. Epizootic lymphangitis	II. <i>Corynebacterium pseudotuberculosis</i>
C. Tyzzer's disease	III. <i>Haemophilus parasuis</i>
D. Glasser's disease	IV. <i>Histoplasma farciminosum</i>
	V. <i>Histomonas meleagridis</i>

Choose the correct answer from the options given below:

[Question ID = 3722][Question Description = 122\_119\_BVA\_SEP22\_Q22]

1. A - II, B - IV, C - I, D - III [Option ID = 14885]
2. A - III, B - II, C - V, D - I [Option ID = 14886]
3. A - III, B - IV, C - I, D - II [Option ID = 14887]
4. A - I, B - V, C - II, D - IV [Option ID = 14888]

23) Which of the following sequence is correct?

- A. Prorubricyte, Rubricyte, Rubriblast, Metarubricyte, Reticulocyte, Erythrocyte
- B. Rubriblast, Prorubricyte, Rubricyte, Metarubricyte, Reticulocyte, Erythrocyte
- C. Rubriblast, Prorubricyte, Rubricyte, Reticulocyte, Metarubricyte, Erythrocyte
- D. Rubricyte, Metarubricyte, Rubriblast, Prorubricyte, Metarubricyte, Erythrocyte
- E. Metarubricyte, Reticulocyte, Erythrocyte, Rubriblast, Prorubricyte, Rubricyte

Choose the *correct* answer from the options given below

[Question ID = 3723][Question Description = 123\_119\_BVA\_SEP22\_Q23]

1. E only [Option ID = 14889]
2. B only [Option ID = 14890]
3. A only [Option ID = 14891]
4. D only [Option ID = 14892]

24) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R  
Assertion A : Turkey egg appearance of kidneys is characteristic lesion observed in Hog cholera.

Reason R : This is due to necrosis and presence of miliary nodules in kidneys.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3724][Question Description = 124\_119\_BVA\_SEP22\_Q24]

1. Both A and R are true and R is the correct explanation of A [Option ID = 14893]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 14894]
3. A is true but R is false [Option ID = 14895]
4. A is false but R is true [Option ID = 14896]

25) Given below are two statements:

Statement I: *Babesia* infection causes haemolytic anaemia.

Statement II: The infected red blood cells are destroyed by antibody dependent cell mediated cytotoxicity. It leads to haemolytic anaemia.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3725][Question Description = 125\_119\_BVA\_SEP22\_Q25]

1. Both Statement I and Statement II are true [Option ID = 14897]
2. Both Statement I and Statement II are false [Option ID = 14898]
3. Statement I is true but Statement II is false [Option ID = 14899]
4. Statement I is false but Statement II is true [Option ID = 14900]

26) The new name of causative agent of infectious coryza in chicken is:

[Question ID = 3726][Question Description = 126\_119\_BVA\_SEP22\_Q26]

1. *Pasteurella paragallinarum* [Option ID = 14901]
2. *Haemophilus paragallinarum* [Option ID = 14902]
3. *Avibacterium paragallinarum* [Option ID = 14903]
4. *Avibacter paragallinarum* [Option ID = 14904]

27) Which of the following is a liquid medium?

[Question ID = 3727][Question Description = 127\_119\_BVA\_SEP22\_Q27]

1. Baird Parker medium [Option ID = 14905]
2. Stonebrinks medium [Option ID = 14906]
3. Lowenstein-Jensen (LJ) medium [Option ID = 14907]
4. EMJH medium [Option ID = 14908]

28) A confirmatory test that is considered to be the gold standard worldwide for the diagnosis of scrapie in sheep is:

[Question ID = 3728][Question Description = 128\_119\_BVA\_SEP22\_Q28]

1. Immuno histo chemical (IHC) test [Option ID = 14909]
2. Fluorescent antibody test (FAT) [Option ID = 14910]
3. Electron microscopy [Option ID = 14911]
4. SDS-PAGE [Option ID = 14912]

29) Given below are two statements

Statement I: McFadyean reaction is done for the diagnosis of brucellosis.

Statement II: Loeffler's methylene blue is used for McFadyean reaction.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3729][Question Description = 129\_119\_BVA\_SEP22\_Q29]

1. Both Statement I and Statement II are true  
[Option ID = 14913]



2. Both Statement I and Statement II are false

[Option ID = 14914]

3. Statement I is true but Statement II is false

[Option ID = 14915]

4. Statement I is false but Statement II is true

[Option ID = 14916]

30) Which among the following bacteria are catalase negative?

A. *Streptococcus* and *Enterococcus*

B. *Brucella* and *Bacillus*

C. *Eubacterium suis* and *Fusobacterium*

D. *Clostridium* and *Borrelia burgdorferi*

E. *Pseudomonas* and *Pateurella*

Choose the correct answer from the options given below:

[Question ID = 3730][Question Description = 130\_119\_BVA\_SEP22\_Q30]

1. A, B, C and D only [Option ID = 14917]
2. A, B, D and E only [Option ID = 14918]
3. A, C and D only [Option ID = 14919]
4. A, B and E only [Option ID = 14920]

31) Match List I with List II

List I	List II
(Type of inclusion bodies)	(Type of viruses producing them)
A. Bollinger bodies	I. Smallpox virus
B. Guarnieri bodies	II. Herpes simplex virus
C. Cowdry type B bodies	III. Yellow fever virus
D. Cowdry type A bodies	IV. Poliovirus
	V. Fowlpox virus

Choose the correct answer from the options given below:

[Question ID = 3731][Question Description = 131\_119\_BVA\_SEP22\_Q31]

1. A - V, B - I, C - II, D - III [Option ID = 14921]
2. A - II, B - I, C - V, D - III [Option ID = 14922]
3. A - III, B - V, C - II, D - I [Option ID = 14923]
4. A - V, B - I, C - IV, D - II [Option ID = 14924]

32) Find the odd one out from the following:

[Question ID = 3732][Question Description = 132\_119\_BVA\_SEP22\_Q32]

1. *Microsporium* [Option ID = 14925]
2. *Trichosporon* [Option ID = 14926]
3. *Trichophyton* [Option ID = 14927]
4. *Epidermophyton* [Option ID = 14928]

33) Which of the followings is not a dimorphic fungi?

[Question ID = 3733][Question Description = 133\_119\_BVA\_SEP22\_Q33]

1. *Trichophyton verrucosum* [Option ID = 14929]
2. *Blastomyces dermatitidis* [Option ID = 14930]
3. *Histoplasma capsulatum* [Option ID = 14931]
4. *Coccidioides immitis* [Option ID = 14932]

34) Which of the followings is not true about canine distemper virus?

[Question ID = 3734][Question Description = 134\_119\_BVA\_SEP22\_Q34]

1. Closely related to measles and rinderpest virus. [Option ID = 14933]
2. Single stranded RNA virus. [Option ID = 14934]
3. Naked virus. [Option ID = 14935]
4. Relatively unstable outside the host. [Option ID = 14936]

35) Given below are two statements

Statement I: MHC-I molecules present epitopes to the TCRs of CD4+ T lymphocytes.

Statement II: Two domains of the same chain (alpha) of MHC-I molecule are involved in presenting epitopes to TCRs.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3735][Question Description = 135\_119\_BVA\_SEP22\_Q35]

1. Both Statement I and Statement II are true [Option ID = 14937]
2. Both Statement I and Statement II are false [Option ID = 14938]
3. Statement I is true but Statement II is false [Option ID = 14939]
4. Statement I is false but Statement II is true [Option ID = 14940]

36) Which among the following pairs are matching?

- A. Papovaviruses - circular, ds DNA
- B. Reoviruses - linear, 10 to 12 segments of ss RNA
- C. Circoviruses - circular, ss DNA
- D. Parvoviruses - linear, ss DNA
- E. Retroviruses - linear, two identical, negative-sense ssRNA

Choose the *correct* answer from the options given below:

[Question ID = 3736][Question Description = 136\_119\_BVA\_SEP22\_Q36]

1. A, B and D only [Option ID = 14941]
2. A, C and D only [Option ID = 14942]
3. A, C, D and E only [Option ID = 14943]
4. B, C and D only [Option ID = 14944]

37) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R

Assertion A : *Brucella abortus* is partial acid fast bacteria so is usually stained by dilute carbol fuchsin (DCF) stain.

Reason R : *Brucella abortus* has little mycolic acids in their cell wall so it resists decolorization by weak acids only.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3737][Question Description = 137\_119\_BVA\_SEP22\_Q37]

1. Both A and R are true and R is the correct explanation of A [Option ID = 14945]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 14946]
3. A is true but R is false [Option ID = 14947]
4. A is false but R is true [Option ID = 14948]

38) Dilute carbol fuchsin (DCF) staining is used for:

[Question ID = 3738][Question Description = 138\_119\_BVA\_SEP22\_Q38]

1. *Fusobacterium necrophorum* [Option ID = 14949]
2. *Mycobacterium avium* subsp. *paratuberculosis* [Option ID = 14950]
3. *Brucella abortus* [Option ID = 14951]
4. *Campylobacter fetus* [Option ID = 14952]

39) Tuberculin test is a type of:

[Question ID = 3739][Question Description = 139\_119\_BVA\_SEP22\_Q39]

1. Precipitation test [Option ID = 14953]
2. Agglutination test [Option ID = 14954]
3. Hypersensitivity reaction test [Option ID = 14955]
4. Desensitization test [Option ID = 14956]

40) Organ first affected by rigor mortis is:[Question ID = 3740][Question Description = 140\_119\_BVA\_SEP22\_Q40]

1. Heart [Option ID = 14957]
2. Lung [Option ID = 14958]
3. Skeletal muscle [Option ID = 14959]
4. Diaphragm [Option ID = 14960]

41) The equipment used to determine the wind direction is:

[Question ID = 3741][Question Description = 141\_119\_BVA\_SEP22\_Q41]

1. Wind vane [Option ID = 14961]
2. Stevenson screen [Option ID = 14962]
3. Sling psychrometer [Option ID = 14963]
4. Barometer [Option ID = 14964]

**42) Farmer's lung condition is caused by:**

[Question ID = 3742][Question Description = 142\_119\_BVA\_SEP22\_Q42]

1. Silica  
[Option ID = 14965]
2. Asbestos  
[Option ID = 14966]
3. Hay or grain dust  
[Option ID = 14967]
4. Asbestos  
[Option ID = 14968]

**43) Casani's test is conducted for the diagnosis of:**

[Question ID = 3743][Question Description = 143\_119\_BVA\_SEP22\_Q43]

1. Anthrax [Option ID = 14969]
2. Toxoplasmosis [Option ID = 14970]
3. Hydatidosis [Option ID = 14971]
4. Cysticercosis [Option ID = 14972]

**44) World Rabies is celebrated on:**

[Question ID = 3744][Question Description = 144\_119\_BVA\_SEP22\_Q44]

1. 17th July [Option ID = 14973]
2. 24th March [Option ID = 14974]
3. 9th November [Option ID = 14975]
4. 28th September [Option ID = 14976]

**45) Operation Flood was launched in India in the year:**

[Question ID = 3745][Question Description = 145\_119\_BVA\_SEP22\_Q45]

1. 1980 [Option ID = 14977]
2. 1960 [Option ID = 14978]
3. 1970 [Option ID = 14979]
4. 1995 [Option ID = 14980]

**46) The study of outbreak of disease in a bird population is known as:**

[Question ID = 3746][Question Description = 146\_119\_BVA\_SEP22\_Q46]

1. Ecthymology [Option ID = 14981]
2. Epornitic [Option ID = 14982]
3. Epizootology [Option ID = 14983]
4. Ecology [Option ID = 14984]

**47) The ecosystem created by man:**

[Question ID = 3747][Question Description = 147\_119\_BVA\_SEP22\_Q47]

1. Autochthonous [Option ID = 14985]
2. Synanthropic [Option ID = 14986]
3. Anthropogenic [Option ID = 14987]
4. Domicile [Option ID = 14988]

**48) Watery pork is associated with:**

[Question ID = 3748][Question Description = 148\_119\_BVA\_SEP22\_Q48]

1. Pale soft exudative meat [Option ID = 14989]
2. Dark, firm and dry meat [Option ID = 14990]
3. Cysticercosis [Option ID = 14991]
4. Emaciation [Option ID = 14992]

**49) One of the best methods for cleaning and sanitizing milk processing facilities is:**

[Question ID = 3749][Question Description = 149\_119\_BVA\_SEP22\_Q49]

1. Central cleaning system [Option ID = 14993]
2. Cleaning in place [Option ID = 14994]
3. Clean-out-of-place [Option ID = 14995]
4. Foam tanks [Option ID = 14996]

50) Match List I with List II

List I (Name of the disease)	List II (Alternative name of the disease)
A. Abattoir fever	I. Leptospirosis
B. Hydrophobia	II. Q fever
C. Seven day fever	III. Listeriosis
D. Bang's disease	IV. Rabies
	V. Brucellosis

Choose the correct answer from the options given below:

[Question ID = 3750][Question Description = 150\_119\_BVA\_SEP22\_Q50]

1. A - III, B - IV, C - II, D - V [Option ID = 14997]
2. A - V, B - IV, C - I, D - II [Option ID = 14998]
3. A - II, B - IV, C - V, D - III [Option ID = 14999]
4. A - II, B - IV, C - I, D - V [Option ID = 15000]

Topic: - 25 Veterinary Pathology\_PHD

1) Germ theory of disease was given by:

[Question ID = 3901][Question Description = 101\_122\_VTP\_SEP22\_Q01]

1. Rudolph Virchow [Option ID = 15601]
2. Claudius Galen [Option ID = 15602]
3. Cornelius Celsus [Option ID = 15603]
4. Louis Pasteur [Option ID = 15604]

2) Serum sickness is an example of one of the following types of hypersensitivity:

[Question ID = 3902][Question Description = 102\_122\_VTP\_SEP22\_Q02]

1. Type-I [Option ID = 15605]
2. Type-II [Option ID = 15606]
3. Type-III [Option ID = 15607]
4. Type-IV [Option ID = 15608]

3) The free radicals which are the most reactive in inducing cell damage are:

[Question ID = 3903][Question Description = 103\_122\_VTP\_SEP22\_Q03]

1. Superoxide radicals [Option ID = 15609]
2. Hydrogen peroxide [Option ID = 15610]
3. Hydroxyl radicals [Option ID = 15611]
4. Nitric oxide [Option ID = 15612]

4) Which of the following is the plasma derived chemical mediator of inflammation?

[Question ID = 3904][Question Description = 104\_122\_VTP\_SEP22\_Q04]

1. Histamine [Option ID = 15613]
2. Bradykinin [Option ID = 15614]
3. Prostaglandins [Option ID = 15615]
4. Leukotrienes [Option ID = 15616]

5) Elementary and reticulate bodies are observed in:

[Question ID = 3905][Question Description = 105\_122\_VTP\_SEP22\_Q05]

1. Bovine spongiform encephalopathy [Option ID = 15617]
2. Scrapie [Option ID = 15618]
3. Equine encephalomyelitis [Option ID = 15619]
4. Chlamydiosis [Option ID = 15620]

6) Reed-Stenberg cells are observed in:

[Question ID = 3906][Question Description = 106\_122\_VTP\_SEP22\_Q06]

1. Pemphigus erythematosus [Option ID = 15621]
2. Hodgkin's disease [Option ID = 15622]
3. Tuberculosis [Option ID = 15623]
4. Acanthosis nigricans [Option ID = 15624]

**7) Byssinosis is caused by inhalation of:**

[Question ID = 3907][Question Description = 107\_122\_VTP\_SEP22\_Q07]

1. Silicon dust [Option ID = 15625]
2. Cotton dust [Option ID = 15626]
3. Calcium carbonate dust [Option ID = 15627]
4. Coal dust [Option ID = 15628]

**8) Cushing syndrome occurs as a result of:**

[Question ID = 3908][Question Description = 108\_122\_VTP\_SEP22\_Q08]

1. Hypofunction of adrenal medulla [Option ID = 15629]
2. Hyperfunction of adrenal medulla [Option ID = 15630]
3. Hypofunction of adrenal cortex [Option ID = 15631]
4. Hyperfunction of adrenal cortex [Option ID = 15632]

**9) Corpora amylacea refers to:**

[Question ID = 3909][Question Description = 109\_122\_VTP\_SEP22\_Q09]

1. Amyloidosis [Option ID = 15633]
2. Epithelial hyaline [Option ID = 15634]
3. Connective tissue hyaline [Option ID = 15635]
4. Muscle hyaline [Option ID = 15636]

**10) Erythrocytes with a narrow rim of haemoglobin surrounding a large central pale area are known as:**

[Question ID = 3910][Question Description = 110\_122\_VTP\_SEP22\_Q10]

1. Ovalocytes [Option ID = 15637]
2. Leptocytes [Option ID = 15638]
3. Pessary cells [Option ID = 15639]
4. Dacrocytes [Option ID = 15640]

**11) The most prominent change observed in the nervous system in case of copper deficiency is:**

[Question ID = 3911][Question Description = 111\_122\_VTP\_SEP22\_Q11]

1. Lipodystrophy [Option ID = 15641]
2. Demyelination [Option ID = 15642]
3. Oedema [Option ID = 15643]
4. Encephalitis [Option ID = 15644]

**12) The disease of goats and sheep characterized by presence of multi-nucleated giant cells in the early stages of lesions in stratified squamous epithelium of upper respiratory tract is:**

[Question ID = 3912][Question Description = 112\_122\_VTP\_SEP22\_Q12]

1. Caseous lymphadenitis [Option ID = 15645]
2. Caprine arthritis encephalitis [Option ID = 15646]
3. Listeriosis [Option ID = 15647]
4. *Peste-des Petitis Ruminants* [Option ID = 15648]

**13) Gaucher disease is caused by the deficiency of:**

[Question ID = 3913][Question Description = 113\_122\_VTP\_SEP22\_Q13]

1. Glucocerebrosidase [Option ID = 15649]
2. Sphingomyelinase [Option ID = 15650]
3. Alpha-L-iduronidase [Option ID = 15651]
4. Beta-galactosidase [Option ID = 15652]

**14) Ectromelia viral infection is related to one of the following disease conditions:**

[Question ID = 3914][Question Description = 114\_122\_VTP\_SEP22\_Q14]

1. Lymphocytic choriomeningitis [Option ID = 15653]
2. Epizootic diarrhoea of infant mice [Option ID = 15654]
3. Hepatitis syndrome [Option ID = 15655]
4. Mouse pox [Option ID = 15656]

15) Favus in chickens is caused by:

[Question ID = 3915][Question Description = 115\_122\_VTP\_SEP22\_Q15]

1. *Microsporium gallinae* [Option ID = 15657]
2. *Aspergillus fumigatus* [Option ID = 15658]
3. *Candida albicans* [Option ID = 15659]
4. *Histoplasma capsulatum* [Option ID = 15660]

16) Special stain used to differentiate mast cell tumours from other round cell tumours is:

[Question ID = 3916][Question Description = 116\_122\_VTP\_SEP22\_Q16]

1. Metanil yellow stain [Option ID = 15661]
2. Methyl green stain [Option ID = 15662]
3. Toluidine blue stain [Option ID = 15663]
4. Perls stain [Option ID = 15664]

17) Chediak-Higashi syndrome is characterized by:

[Question ID = 3917][Question Description = 117\_122\_VTP\_SEP22\_Q17]

1. Failure of neutrophil nuclei to segment into lobes [Option ID = 15665]
2. Absence of granules in eosinophils [Option ID = 15666]
3. Absence of granules in neutrophils [Option ID = 15667]
4. Abnormally large granules in neutrophils [Option ID = 15668]

18) Snuffles in rabbits is caused by:

[Question ID = 3918][Question Description = 118\_122\_VTP\_SEP22\_Q18]

1. *Bordetella bronchiseptica* [Option ID = 15669]
2. *Pasteurella multocida* [Option ID = 15670]
3. *Salmonella* Typhimurium [Option ID = 15671]
4. *Klebsiella pneumoniae* [Option ID = 15672]

19) Tumour of nerve sheath cells is called as:

[Question ID = 3919][Question Description = 119\_122\_VTP\_SEP22\_Q19]

1. Schwannoma [Option ID = 15673]
2. Neuroblastoma [Option ID = 15674]
3. Ependymoma [Option ID = 15675]
4. Pinealoma [Option ID = 15676]

20) Bollinger bodies are:

[Question ID = 3920][Question Description = 120\_122\_VTP\_SEP22\_Q20]

1. Intracytoplasmic basophilic inclusion bodies [Option ID = 15677]
2. Intranuclear basophilic inclusion bodies [Option ID = 15678]
3. Intranuclear eosinophilic inclusion bodies [Option ID = 15679]
4. Intracytoplasmic eosinophilic inclusion bodies [Option ID = 15680]

21) Lymphoma in case of Marek's disease consists of:

[Question ID = 3921][Question Description = 121\_122\_VTP\_SEP22\_Q21]

1. Only T cells [Option ID = 15681]
2. Only B Cells [Option ID = 15682]
3. Both T and B cells but predominance of T cells [Option ID = 15683]
4. Both T and B cells but predominance of B cells [Option ID = 15684]

22) Tests used for the detection of protein in cerebrospinal fluid (CSF) are:

A. Pandy's test

B. Gmelin test

C. Nonne-Apelt test

D. Sulkowitch test

E. Rothera's test

Choose the *correct* answer from the options given below:

[Question ID = 3922][Question Description = 122\_122\_VTP\_SEP22\_Q22]

1. A, B and C only [Option ID = 15685]
2. A and C only [Option ID = 15686]
3. B, C and D only [Option ID = 15687]
4. C, D and E only [Option ID = 15688]

23) Which of the following toxins of *Clostridium perfringens* are secreted as prototoxins?

- A. Alpha toxin
- B. Epsilon toxin
- C. Iota toxin
- D. Beta toxin
- E. Enterotoxin

Choose the *correct* answer from the options given below:

[Question ID = 3923][Question Description = 123\_122\_VTP\_SEP22\_Q23]

1. A, B and E only [Option ID = 15689]
2. A, C and E only [Option ID = 15690]
3. A, B and D only [Option ID = 15691]
4. B and C only [Option ID = 15692]

24) For prevention of mycotoxin formation in stored grains, the critical moisture content should be less than:

[Question ID = 3924][Question Description = 124\_122\_VTP\_SEP22\_Q24]

1. 5-6% [Option ID = 15693]
2. 8-10% [Option ID = 15694]
3. 13-15% [Option ID = 15695]
4. 18-20% [Option ID = 15696]

25) Black head disease in turkeys is related to:

- A. *Histoplasma capsulatum*
- B. Circular depressed areas of necrosis in liver
- C. *Histomonas meleagridis*
- D. *Cryptosporidium galli*
- E. *Knemidocoptes mutans*

Choose the *correct* answer from the options given below:

[Question ID = 3925][Question Description = 125\_122\_VTP\_SEP22\_Q25]

1. A and B only [Option ID = 15697]
2. B and C only [Option ID = 15698]
3. A, B and C only [Option ID = 15699]
4. B, D and E only [Option ID = 15700]

26) Which among the following are related to bovine malignant catarrhal fever?

- A. Orbivirus
- B. Necrotizing vasculitis
- C. Gamma-herpes virus
- D. Lymphocytic perivascular cuffing
- E. Adenovirus virus

Choose the *correct* answer from the options given below:

[Question ID = 3926][Question Description = 126\_122\_VTP\_SEP22\_Q26]

1. A and B only [Option ID = 15701]
2. B and C only [Option ID = 15702]
3. B, D and E only [Option ID = 15703]
4. B, C and D only [Option ID = 15704]

27) Which among the following are caused by *Salmonella* infection?

- A. Arizonosis
- B. Fowl cholera
- C. Hjarre's disease
- D. Fowl typhoid
- E. Marble spleen disease

Choose the *correct* answer from the options given below:

[Question ID = 3927][Question Description = 127\_122\_VTP\_SEP22\_Q27]

1. A and B only [Option ID = 15705]
2. A and C only [Option ID = 15706]
3. A and D only [Option ID = 15707]
4. A, D and E only [Option ID = 15708]

28) Which among the following are examples of type IV hypersensitivity reaction?

- A. Tuberculosis
- B. Systemic lupus erythematosus
- C. Contact dermatitis
- D. Autoimmune haemolytic anaemia
- E. Serum sickness

Choose the *correct* answer from the options given below:

[Question ID = 3928][Question Description = 128\_122\_VTP\_SEP22\_Q28]

1. A, B and D only [Option ID = 15709]
2. A and C only [Option ID = 15710]
3. A, D and E only [Option ID = 15711]
4. A, B and E only [Option ID = 15712]

29) African horse sickness is characterized by:

- A. Acute nervous form
- B. Acute pulmonary form
- C. Chronic pulmonary form
- D. Acute cardiac form
- E. Subacute cardiac form

Choose the *correct* answer from the options given below:

[Question ID = 3929][Question Description = 129\_122\_VTP\_SEP22\_Q29]

1. A and C only [Option ID = 15713]
2. A and B only [Option ID = 15714]
3. B and E only [Option ID = 15715]
4. B and D only [Option ID = 15716]

30) Metastatic calcification occurs whenever there is:

- A. Hypoparathyroidism
- B. Renal failure
- C. Hyperparathyroidism
- D. Hepatic failure
- E. Vitamin D-related disorders

Choose the *correct* answer from the options given below:

[Question ID = 3930][Question Description = 130\_122\_VTP\_SEP22\_Q30]

1. A and B only [Option ID = 15717]
2. B, C and E only [Option ID = 15718]
3. A, B and E only [Option ID = 15719]
4. B, C and D only [Option ID = 15720]



31) The vertically transmitted diseases among the following are:

- A. Avian encephalomyelitis
- B. Fowl pox
- C. Pullorum disease
- D. Newcastle disease
- E. Infectious laryngotracheitis

Choose the *correct* answer from the options given below:

[Question ID = 3931][Question Description = 131\_122\_VTP\_SEP22\_Q31]

1. A, B and E only [Option ID = 15721]
2. B, C and E only [Option ID = 15722]
3. B and D only [Option ID = 15723]
4. A and C only [Option ID = 15724]

32) The important lesions observed in infectious canine hepatitis (ICH) are:

- A. Periportal cirrhosis
- B. Intracytoplasmic inclusions in hepatocytes
- C. Focal hepatic necrosis
- D. Intranuclear inclusions in hepatocytes
- E. Gliosis

Choose the *correct* answer from the options given below:

[Question ID = 3932][Question Description = 132\_122\_VTP\_SEP22\_Q32]

1. A and D only [Option ID = 15725]
2. B, C and E only [Option ID = 15726]
3. C and D only [Option ID = 15727]
4. A and B only [Option ID = 15728]

33) The special stains used for demonstration of fungus in tissue sections are:

- A. Periodic acid-Schiff stain
- B. De Gallantha's stain
- C. Von Kossa's stain
- D. Gomori's methenamine silver stain
- E. MacCallum-Goodpasture stain

Choose the *correct* answer from the options given below:

[Question ID = 3933][Question Description = 133\_122\_VTP\_SEP22\_Q33]

1. A and E only [Option ID = 15729]
2. D and E only [Option ID = 15730]
3. A, D and E only [Option ID = 15731]
4. A and D only [Option ID = 15732]

34) Match List I with List II

List I (Name of the disease)	List II (Alternative name of the disease)
A. Swamp fever	I. Three-days sickness
B. Bovine ephemeral fever	II. Brucellosis
C. Undulant fever	III. Canine distemper
D. Hard pad disease	IV. Equine infectious anaemia
	V. Infectious canine hepatitis

Choose the correct answer from the options given below:

[Question ID = 3934][Question Description = 134\_122\_VTP\_SEP22\_Q34]

1. A - I, B - II, C - V, D - IV [Option ID = 15733]

2. A - IV, B - I, C - II, D - III [Option ID = 15734]
3. A - III, B - IV, C - I, D - V [Option ID = 15735]
4. A - II, B - IV, C - III, D - V [Option ID = 15736]

35) Match List I with List II

List I	List II
(Name of the disease)	(Typical lesions associated)
A. Newcastle disease	I. Knobbly spleen
B. Chronic respiratory disease	II. Bollinger bodies
C. Avian tuberculosis	III. Liver with coppery, bronze sheen
D. Fowl typhoid	IV. Air sacculitis
	V. Avian pneumo-encephalitis

Choose the correct answer from the options given below:

[Question ID = 3935][Question Description = 135\_122\_VTP\_SEP22\_Q35]

1. A - I, B - II, C - IV, D - III [Option ID = 15737]
2. A - IV, B - I, C - V, D - III [Option ID = 15738]
3. A - V, B - IV, C - I, D - III [Option ID = 15739]
4. A - IV, B - II, C - I, D - III [Option ID = 15740]

36) Match List I with List II

List I	List II
(Inflammatory condition)	(Organ affected)
A. Blepharitis	I. Bone
B. Stomatitis	II. Stomach
C. Osteitis	III. Eyelids
D. Gastritis	IV. Mouth cavity
	V. Caecum

Choose the correct answer from the options given below:

[Question ID = 3936][Question Description = 136\_122\_VTP\_SEP22\_Q36]

1. A - I, B - V, C - IV, D - II [Option ID = 15741]
2. A - III, B - V, C - I, D - II [Option ID = 15742]
3. A - IV, B - III, C - I, D - II [Option ID = 15743]
4. A - III, B - IV, C - I, D - II [Option ID = 15744]

37) Match List I with List II

List I	List II
(Name of the disease)	(Alternative name)
A. Quail disease	I. Gumboro disease
B. Moniliasis	II. Ulcerative enteritis
C. Botulism	III. Thrush
D. Infectious bursal disease	IV. Limberneck
	V. Chronic respiratory disease

Choose the correct answer from the options given below:

[Question ID = 3937][Question Description = 137\_122\_VTP\_SEP22\_Q37]

1. A - II, B - III, C - IV, D - I [Option ID = 15745]
2. A - V, B - II, C - III, D - I [Option ID = 15746]
3. A - III, B - IV, C - II, D - I [Option ID = 15747]
4. A - III, B - II, C - V, D - I [Option ID = 15748]

38) Match List I with List II

List I	List II
(Name of the disease)	(Deficiency associated with)
A. Pica	I. Selenium deficiency
B. Muscular dystrophy	II. Zinc deficiency
C. Parakeratosis	III. Manganese deficiency
D. Swayback condition	IV. Phosphorus deficiency
	V. Copper deficiency

Choose the correct answer from the options given below:

[Question ID = 3938][Question Description = 138\_122\_VTP\_SEP22\_Q38]

1. A - IV, B - III, C - II, D - I [Option ID = 15749]
2. A - IV, B - III, C - II, D - V [Option ID = 15750]
3. A - IV, B - I, C - II, D - V [Option ID = 15751]
4. A - IV, B - V, C - II, D - I [Option ID = 15752]

39) Match List I with List II

List I	List II
(Chemical solution used)	(Particular cell count)
A. Rees-Ecker's fluid	I. Total leucocyte count
B. New methylene blue	II. Total erythrocyte count
C. Hayem's fluid	III. Total platelet count
D. Turk's solution	IV. Reticulocyte count
	V. Differential leucocyte count

Choose the correct answer from the options given below:

[Question ID = 3939][Question Description = 139\_122\_VTP\_SEP22\_Q39]

1. A - I, B - II, C - V, D - III [Option ID = 15753]
2. A - II, B - I, C - III, D - IV [Option ID = 15754]
3. A - IV, B - II, C - I, D - III [Option ID = 15755]
4. A - III, B - IV, C - II, D - I [Option ID = 15756]

40) Match List I with List II

List I	List II
(Pathological condition)	(Causative bacteria)
A. Rarefying osteomyelitis	I. <i>Clostridium chauvoei</i>
B. Necrotizing myositis	II. <i>Listeria monocytogenes</i>
C. Encephalitis	III. <i>Clostridium perfringens</i> type D
D. Bilateral symmetrical focal encephalomalacia	IV. <i>Actinomyces bovis</i>
	V. <i>Actinobacillus lignieresii</i>

Choose the correct answer from the options given below:

[Question ID = 3940][Question Description = 140\_122\_VTP\_SEP22\_Q40]

1. A - I, B - II, C - III, D - V [Option ID = 15757]
2. A - IV, B - I, C - II, D - III [Option ID = 15758]
3. A - II, B - III, C - IV, D - V [Option ID = 15759]
4. A - V, B - IV, C - I, D - II [Option ID = 15760]

41) Match List I with List II

List I	List II
(Pathological condition)	(Name of the disease)
A. Sore muzzle	I. Border disease
B. Hairy-shaker lamb	II. Blue tongue
C. Contagious pustular dermatitis	III. Pseudorabies
D. Mad itch	IV. Jaagsiekte
	V. Ecthyma

Choose the correct answer from the options given below:

[Question ID = 3941][Question Description = 141\_122\_VTP\_SEP22\_Q41]

1. A - I, B - V, C - III, D - II [Option ID = 15761]
2. A - IV, B - III, C - II, D - I [Option ID = 15762]
3. A - II, B - I, C - V, D - III [Option ID = 15763]
4. A - III, B - II, C - I, D - IV [Option ID = 15764]

42) Match List I with List II

List I	List II
(Pathological condition)	(Organ/ area affected)
A. Ascites	I. Tunica vaginalis
B. Hydrosalpinx	II. Ventricles of brain
C. Hydrocoele	III. Oviduct
D. Hydrocephalus	IV. Peritoneal cavity

## V. Pharynx

Choose the correct answer from the options given below:

[Question ID = 3942][Question Description = 142\_122\_VTP\_SEP22\_Q42]

1. A - IV, B - V, C - II, D - III [Option ID = 15765]
2. A - IV, B - II, C - I, D - III [Option ID = 15766]
3. A - IV, B - III, C - I, D - II [Option ID = 15767]
4. A - II, B - V, C - III, D - I [Option ID = 15768]

43) Match List I with List II

List I	List II
(Pathological condition)	(Disease associated with)
A. Pimply gut	I. Nasal schistosomiasis
B. Snoring disease	II. Oesophagostomiasis
C. Miescher's tubules	III. Spirocercosis
D. Vertebral spondylosis	IV. Sarcocystosis
	V. Fascioliasis

Choose the correct answer from the options given below:

[Question ID = 3943][Question Description = 143\_122\_VTP\_SEP22\_Q43]

1. A - III, B - II, C - I, D - V [Option ID = 15769]
2. A - II, B - I, C - IV, D - III [Option ID = 15770]
3. A - II, B - I, C - III, D - V [Option ID = 15771]
4. A - II, B - I, C - IV, D - V [Option ID = 15772]

44) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R

Assertion A : Equine infectious anaemia virus causes anaemia by both immune-mediated haemolysis and decreased erythropoiesis.

Reason R : Decreased erythropoiesis may result from direct suppression of early-stage erythroid cells by the virus, as well as anaemia of inflammation.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3944][Question Description = 144\_122\_VTP\_SEP22\_Q44]

1. Both A and R are true and R is the correct explanation of A [Option ID = 15773]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 15774]
3. A is true but R is false [Option ID = 15775]
4. A is false but R is true [Option ID = 15776]

45) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R

Assertion A : Purpura haemorrhagica in the horses develops as a sequelae to glanders.

Reason R : It develops as a consequence of immune-complex vasculitis.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3945][Question Description = 145\_122\_VTP\_SEP22\_Q45]

1. Both A and R are true and R is the correct explanation of A [Option ID = 15777]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 15778]
3. A is true but R is false [Option ID = 15779]
4. A is false but R is true [Option ID = 15780]

46) Which one among the following is the correct sequence for tissue processing?

- A. Clearing, Dehydration, Impregnation, Embedding
- B. Dehydration, Clearing, Embedding, Impregnation
- C. Dehydration, Clearing, Impregnation, Embedding
- D. Clearing, Embedding, Dehydration, Impregnation
- E. Dehydration, Impregnation, Clearing, Embedding

Choose the *correct* answer from the options given below

[Question ID = 3946][Question Description = 146\_122\_VTP\_SEP22\_Q46]

1. C [Option ID = 15781]

2. E [Option ID = 15782]
3. A [Option ID = 15783]
4. D [Option ID = 15784]

47) Dohle's bodies are observed in:

[Question ID = 3947][Question Description = 147\_122\_VTP\_SEP22\_Q47]

1. Immature erythrocytes [Option ID = 15785]
2. Eosinophils [Option ID = 15786]
3. Mega platelets [Option ID = 15787]
4. Toxic neutrophils [Option ID = 15788]

48) In second-degree burns, the destructive effect of the heat extends to:

[Question ID = 3948][Question Description = 148\_122\_VTP\_SEP22\_Q48]

1. Epidermis only [Option ID = 15789]
2. Full thickness of epidermis and dermis both [Option ID = 15790]
3. Epidermis and part of the dermis [Option ID = 15791]
4. Epidermis, dermis and beyond the subcutaneous fascia [Option ID = 15792]

49) Given below are two statements

Statement I: Prostaglandins are generated through lipoxygenase pathway.

Statement II: Leukotrienes are generated through cyclooxygenases pathway.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3949][Question Description = 149\_122\_VTP\_SEP22\_Q49]

1. Both Statement I and Statement II are true [Option ID = 15793]
2. Both Statement I and Statement II are false [Option ID = 15794]
3. Statement I is true but Statement II is false [Option ID = 15795]
4. Statement I is false but Statement II is true [Option ID = 15796]

50) Given below are two statements

Statement I: Reversion of cells to a more primitive or undifferentiated form is known as anaplasia.

Statement II: Hyperplasia is a reversible change in which one adult cell type (epithelial or mesenchymal) is replaced by another cell type.

In light of the above statements, choose the *correct* answer from the options given below

[Question ID = 3950][Question Description = 150\_122\_VTP\_SEP22\_Q50]

1. Both Statement I and Statement II are true [Option ID = 15797]
2. Both Statement I and Statement II are false [Option ID = 15798]
3. Statement I is true but Statement II is false [Option ID = 15799]
4. Statement I is false but Statement II is true [Option ID = 15800]