

27 Veterinary Pharma N Toxicology 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 3_PHD

1) Which of the disease in cattle manifests oral lesions with diarrhoea?[Question ID = 3951][Question Description = 101_126_BAS_SEP22_Q01]

1. FMD [Option ID = 15801]
2. Bluetongue [Option ID = 15802]
3. Vesicular stomatitis [Option ID = 15803]
4. Bovine malignant catarrh [Option ID = 15804]

2) The precaution to be advised to the care taker during drenching in a cow to prevent aspiration is[Question ID = 3952][Question Description = 102_126_BAS_SEP22_Q02]

1. Do not hold tongue [Option ID = 15805]
2. Do not raise head too high [Option ID = 15806]
3. Both of the above [Option ID = 15807]
4. None of the above [Option ID = 15808]

3) Koch's blue body in theileriosis is found in[Question ID = 3953][Question Description = 103_126_BAS_SEP22_Q03]

1. RBCs [Option ID = 15809]
2. Platelets [Option ID = 15810]
3. Neutrophils [Option ID = 15811]
4. Lymphocytes [Option ID = 15812]

4) Which of the following is not a causative agent of kennel cough complex in Dog?

[Question ID = 3954][Question Description = 104_126_BAS_SEP22_Q04]

1. *Bordetella bronchiseptica*
[Option ID = 15813]
2. Canine parainfluenza virus
[Option ID = 15814]
3. *Mycoplasma* spp.
[Option ID = 15815]
4. *Brucella canis*
[Option ID = 15816]

5) Which of the following tests is used for the diagnosis of bovine tuberculosis?[Question ID = 3955][Question Description = 105_126_BAS_SEP22_Q05]

1. Gram staining, Intradermal testing and PCR [Option ID = 15817]
2. Gram staining, Intradermal testing and Histopathology [Option ID = 15818]
3. Intradermal testing, cultural isolation and PCR [Option ID = 15819]
4. Gram staining, Intradermal testing and cultural isolation [Option ID = 15820]

6) Heaves is a condition observed in which species of animals?[Question ID = 3956][Question Description = 106_126_BAS_SEP22_Q06]

1. Cattle [Option ID = 15821]
2. Goat [Option ID = 15822]
3. Horse [Option ID = 15823]
4. Dog [Option ID = 15824]

7) Which serotype of FMD virus is responsible for approximately 70% of outbreaks globally?[Question ID = 3957][Question Description = 107_126_BAS_SEP22_Q07]

1. A [Option ID = 15825]
2. C [Option ID = 15826]
3. O [Option ID = 15827]
4. SAT-1 [Option ID = 15828]

8) Which is the drug of choice for treatment of babesiosis in cattle?[Question ID = 3958][Question Description = 108_126_BAS_SEP22_Q08]

1. Diamenazine aceturate [Option ID = 15829]
2. Buparvaquone [Option ID = 15830]
3. Tetracycline [Option ID = 15831]
4. Doxycycline [Option ID = 15832]

9) Chorea in dogs occurs as a sequel to[Question ID = 3959][Question Description = 109_126_BAS_SEP22_Q09]

1. Infectious canine hepatitis [Option ID = 15833]
2. Canine Distemper [Option ID = 15834]
3. Canine Parvovirus infection [Option ID = 15835]
4. Kennel Cough [Option ID = 15836]

10) Rothera's test is employed for detection of[Question ID = 3960][Question Description = 110_126_BAS_SEP22_Q10]

1. Pregnancy toxemia [Option ID = 15837]
2. Parturient paresis [Option ID = 15838]
3. Ketosis [Option ID = 15839]
4. Fat cow syndrome [Option ID = 15840]

11) Formation of sex pilus is one of the important steps in the transfer of genes of drug resistance during[Question ID = 3961][Question Description = 111_126_BAS_SEP22_Q11]

1. Transformation [Option ID = 15841]
2. Transduction [Option ID = 15842]
3. Translation [Option ID = 15843]
4. Conjugation [Option ID = 15844]

12) In animals biphasic response on blood pressure is observed on administration of:[Question ID = 3962][Question Description = 112_126_BAS_SEP22_Q12]

1. Epinephrine [Option ID = 15845]
2. Norepinephrine [Option ID = 15846]
3. Isoprenaline [Option ID = 15847]
4. Ephedrine [Option ID = 15848]

13) The sub-discipline of toxicology that deals with administrative functions, impose rules and regulations for toxicological testing before launching a drug in the market is called[Question ID = 3963][Question Description = 113_126_BAS_SEP22_Q13]

1. Forensic toxicology [Option ID = 15849]
2. Regulatory toxicology [Option ID = 15850]
3. Experimental toxicology [Option ID = 15851]
4. Toxicodynamics [Option ID = 15852]

14) Bizarre effect of drug belongs to which type of adverse drug reactions:[Question ID = 3964][Question Description = 114_126_BAS_SEP22_Q14]

1. Type A [Option ID = 15853]
2. Type B [Option ID = 15854]
3. Type C [Option ID = 15855]
4. Type D [Option ID = 15856]

15) In pigs characteristic eosinophilic meningoencephalitis is seen during the intoxication of[Question ID = 3965][Question Description = 115_126_BAS_SEP22_Q15]

1. Cadmium Chloride [Option ID = 15857]
2. Hydrocyanic acid [Option ID = 15858]
3. Sodium chloride [Option ID = 15859]
4. Calcium Oxalate [Option ID = 15860]

16) Drugs are considered relatively safe and can be sold without physician's consultation or over the counter are known as[Question ID = 3966][Question Description = 116_126_BAS_SEP22_Q16]

1. Non-prescription drugs [Option ID = 15861]

2. Prescription drugs [Option ID = 15862]
3. Prototype drugs [Option ID = 15863]
4. Orphan drugs [Option ID = 15864]

17) Interaction of British anti-lewisite (BAL) with heavy metals is a type of:[Question ID = 3967][Question Description = 117_126_BAS_SEP22_Q17]

1. Physiological Antagonism [Option ID = 15865]
2. Chemical Antagonism [Option ID = 15866]
3. Physical Antagonism [Option ID = 15867]
4. Pharmacological Antagonism [Option ID = 15868]

18) The study of prediction of drug responses between individual on their genetic makeup is:[Question ID = 3968][Question Description = 118_126_BAS_SEP22_Q18]

1. Pharmacokinetics [Option ID = 15869]
2. Pharmacogenomics [Option ID = 15870]
3. Pharmacodynamics [Option ID = 15871]
4. Pharmacogenetics [Option ID = 15872]

19) Which of the following drug produce diuretic action by inhibiting the activity of carbonic anhydrase enzyme in renal tubules:[Question ID = 3969][Question Description = 119_126_BAS_SEP22_Q19]

1. Furosemide [Option ID = 15873]
2. Spironolactone [Option ID = 15874]
3. Mannitol [Option ID = 15875]
4. Acetazolamide [Option ID = 15876]

20) Chemical nature of most of the receptor molecules is:[Question ID = 3970][Question Description = 120_126_BAS_SEP22_Q20]

1. Nucleic acid [Option ID = 15877]
2. Carbohydrates [Option ID = 15878]
3. Lipids [Option ID = 15879]
4. Proteins [Option ID = 15880]

21) Wryneck dystocia is corrected by:[Question ID = 3971][Question Description = 121_126_BAS_SEP22_Q21]

1. Rotation [Option ID = 15881]
2. Version [Option ID = 15882]
3. Traction [Option ID = 15883]
4. Fetotomy [Option ID = 15884]

22) Arrange following species in ascending numbers of diploid chromosomes:

- A. Horse
- B. Donkey
- C. Sheep
- D. Pig
- E. Cattle

Choose the *correct* answer from the options given below

[Question ID = 3972][Question Description = 122_126_BAS_SEP22_Q22]

1. A, C, B, D, E [Option ID = 15885]
2. E, A, C, B, D [Option ID = 15886]
3. D, C, E, B, A [Option ID = 15887]
4. E, A, B, D, E [Option ID = 15888]

23) Fetal monster having marked ventral curvature of spine, laterally bent body and chest walls and exposed abdominal viscera is called:[Question ID = 3973][Question Description = 123_126_BAS_SEP22_Q23]

1. Perosomus elumbis [Option ID = 15889]
2. Schistosomus reflexus [Option ID = 15890]
3. Campylorrhachis scoliosa [Option ID = 15891]
4. Perosomus horridus [Option ID = 15892]

24) Relaxin is secreted primarily by:[Question ID = 3974][Question Description = 124_126_BAS_SEP22_Q24]

1. Follicle [Option ID = 15893]
2. Fallopian tube [Option ID = 15894]

3. Pituitary [Option ID = 15895]
4. Corpus Luteum [Option ID = 15896]

25) At the time of ovulation oocytes are at[Question ID = 3975][Question Description = 125_126_BAS_SEP22_Q25]

1. Dictyate stage [Option ID = 15897]
2. Prophase-I [Option ID = 15898]
3. Metaphase stage [Option ID = 15899]
4. Anaphase-II [Option ID = 15900]

26) The semen extender used for storage of semen at ambient temperature

- A. IVT
- B. EYC
- C. CUE
- D. EYP
- E. TEYG

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

[Question ID = 3976][Question Description = 126_126_BAS_SEP22_Q26]

1. A, B and D only [Option ID = 15901]
2. A and C only [Option ID = 15902]
3. B, D and E only [Option ID = 15903]
4. A and E only [Option ID = 15904]

27) Which of the following gas mixtures gives better environment in incubator for oocyte/ embryo culture?[Question ID = 3977][Question Description = 127_126_BAS_SEP22_Q27]

1. CO₂ 5% and N₂ 95% [Option ID = 15905]
2. CO₂5% and O₂ 95% [Option ID = 15906]
3. CO₂ 5%, O₂ 5% and N₂ 90% [Option ID = 15907]
4. CO₂ 5% [Option ID = 15908]

28) Which of the following is not used for making Dulbecco's Phosphate-Buffered Saline solution ?[Question ID = 3978]
[Question Description = 128_126_BAS_SEP22_Q28]

1. Na₂HPO₄ [Option ID = 15909]
2. KH₂PO₄ [Option ID = 15910]
3. NaHCO₃ [Option ID = 15911]
4. MgSO₄.7H₂O [Option ID = 15912]

29) One of the following has largest corpora hemorrhagica among domestic animals[Question ID = 3979][Question Description = 129_126_BAS_SEP22_Q29]

1. Cow [Option ID = 15913]
2. Buffalo [Option ID = 15914]
3. Mare [Option ID = 15915]
4. Sheep [Option ID = 15916]

30) In which of the following, embryo from fallopian tube reach in uterus sooner than other domestic species[Question ID = 3980][Question Description = 130_126_BAS_SEP22_Q30]

1. Sheep [Option ID = 15917]
2. Sow [Option ID = 15918]
3. Mare [Option ID = 15919]
4. Cow [Option ID = 15920]

31) A reduction in blood volume of.....% will result into fatal consequences unless appropriate therapy is initiated in dogs:
[Question ID = 3981][Question Description = 131_126_BAS_SEP22_Q31]

1. 10-15% [Option ID = 15921]
2. 20-35% [Option ID = 15922]
3. More than 40% [Option ID = 15923]
4. 5-10% [Option ID = 15924]

32) The cation with highest concentration in the body is:

[Question ID = 3982][Question Description = 132_126_BAS_SEP22_Q32]

1. Potassium [Option ID = 15925]
2. Magnesium [Option ID = 15926]

3. Calcium [Option ID = 15927]
4. Sodium [Option ID = 15928]

33) High doses of following vitamin will significantly retards the wound healing and collagen production:[Question ID = 3983][Question Description = 133_126_BAS_SEP22_Q33]

1. Vitamin A [Option ID = 15929]
2. Vitamin E [Option ID = 15930]
3. Vitamin C [Option ID = 15931]
4. Vitamin B [Option ID = 15932]

34) The bard parker number 4 handle can accept the blades with number:

- A. 11
- B. 12
- C. 20
- D. 22
- E. 11

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

[Question ID = 3984][Question Description = 134_126_BAS_SEP22_Q34]

1. A and D only [Option ID = 15933]
2. C and D only [Option ID = 15934]
3. E only [Option ID = 15935]
4. B and C only [Option ID = 15936]

35) Is essentially the visualisation of a live or real time radiographic image:[Question ID = 3985][Question Description = 135_126_BAS_SEP22_Q35]

1. Digital radiography [Option ID = 15937]
2. CT scanning [Option ID = 15938]
3. Fluoroscopy [Option ID = 15939]
4. CR system [Option ID = 15940]

36) The number of x-rays produced is controlled by :[Question ID = 3986][Question Description = 136_126_BAS_SEP22_Q36]

1. Kvp [Option ID = 15941]
2. mA-s [Option ID = 15942]
3. FFD [Option ID = 15943]
4. mA [Option ID = 15944]

37) It takes _____ for complete growth of new horn replacement of horse foot from the coronet:[Question ID = 3987][Question Description = 137_126_BAS_SEP22_Q37]

1. 1 year [Option ID = 15945]
2. 3 months [Option ID = 15946]
3. 3 weeks [Option ID = 15947]
4. 9 months [Option ID = 15948]

38) Stenson's duct drains:[Question ID = 3988][Question Description = 138_126_BAS_SEP22_Q38]

1. Sebaceous gland [Option ID = 15949]
2. Parotid gland [Option ID = 15950]
3. Lacrymal gland [Option ID = 15951]
4. Submandibular gland [Option ID = 15952]

39) Fracture that results due to violent muscle contraction is :

[Question ID = 3989][Question Description = 139_126_BAS_SEP22_Q39]

1. Compression fracture [Option ID = 15953]
2. Hair line fracture [Option ID = 15954]
3. Avulsion fracture [Option ID = 15955]
4. Spiral fracture [Option ID = 15956]

40) Calculi made up of oxalates and carbonates of Ca/Mg/NH₄ are seen in urine with pH value:

[Question ID = 3990][Question Description = 140_126_BAS_SEP22_Q40]

1. 8-9

[Option ID = 15957]

2. 9-10

[Option ID = 15958]

3. 3-4

[Option ID = 15959]

4. 7-8

[Option ID = 15960]

41) 1st foetal blood cells and blood vessels develop in:[Question ID = 3991][Question Description = 141_126_BAS_SEP22_Q41]

1. Amnion [Option ID = 15961]
2. Allantois [Option ID = 15962]
3. Yolk sac [Option ID = 15963]
4. Chorion [Option ID = 15964]

42) Round ligament of liver is the foetal remnant of:[Question ID = 3992][Question Description = 142_126_BAS_SEP22_Q42]

1. Umbilical vein [Option ID = 15965]
2. Umbilical artery [Option ID = 15966]
3. Ductus arteriosus [Option ID = 15967]
4. omentum [Option ID = 15968]

43) Which of the following is not the content of femoral canal:[Question ID = 3993][Question Description = 143_126_BAS_SEP22_Q43]

1. Femoral nerve [Option ID = 15969]
2. Femoral artery [Option ID = 15970]
3. Femoral vein [Option ID = 15971]
4. Internal Saphenous nerve [Option ID = 15972]

44) The macrophages of nervous tissue are known as:[Question ID = 3994][Question Description = 144_126_BAS_SEP22_Q44]

1. Astrocyte [Option ID = 15973]
2. Ependymal cells [Option ID = 15974]
3. Microglia [Option ID = 15975]
4. Oligodendroglia [Option ID = 15976]

45) Match List I with List II

List I	List II
A. cruciate ligament	I. pelvic brim
B. Archiform ligament	II. spinal cord
C. linea splendens	III. elbow joint
D. linea terminalis	IV. Brain
	V. Stifle joint

Choose the correct answer from the options given below:

[Question ID = 3995][Question Description = 145_126_BAS_SEP22_Q45]

1. A - V , B - III , C - II , D - IV [Option ID = 15977]
2. A - V , B - III , C - IV , D - I [Option ID = 15978]
3. A - V , B - I , C - II , D - IV [Option ID = 15979]
4. A - V , B - IV , C - III , D - I [Option ID = 15980]

46) Roaring disease in equines occurs due to the paralysis of:[Question ID = 3996][Question Description = 146_126_BAS_SEP22_Q46]

1. Suprascapular nerve [Option ID = 15981]
2. Lingual nerve [Option ID = 15982]
3. Recurrent laryngeal nerve [Option ID = 15983]
4. Trigeminal nerve [Option ID = 15984]

47) Which of the following abdominal muscle do not take part in Linea alba:[Question ID = 3997][Question Description = 147_126_BAS_SEP22_Q47]

1. Obliquus abdominis externus muscle [Option ID = 15985]
2. Obliquus abdominis internus muscle [Option ID = 15986]

3. Transversus abdominis muscle [Option ID = 15987]
4. Rectus abdominis muscle [Option ID = 15988]

48) Which of the following cell is associated with Howship's lacuna:[Question ID = 3998][Question Description = 148_126_BAS_SEP22_Q48]

1. Osteoblast [Option ID = 15989]
2. Osteocyte [Option ID = 15990]
3. Osteoclast [Option ID = 15991]
4. Both 1 & 2 [Option ID = 15992]

49) Infection of bones is common in birds due to:[Question ID = 3999][Question Description = 149_126_BAS_SEP22_Q49]

1. Presence of air sacs [Option ID = 15993]
2. Bones are connected with air sacs [Option ID = 15994]
3. Birds are omnivores [Option ID = 15995]
4. 2 and 3 [Option ID = 15996]

50) Arrange the steps of fertilization sequence wise:

- A. Copulation
- B. Acrosome reaction
- C. Capacitation
- D. Pronuclei formation
- E. Oocyte activation

Choose the *correct* answer from the options given below

[Question ID = 4000][Question Description = 150_126_BAS_SEP22_Q50]

1. A, C, B, D, E
[Option ID = 15997]
2. A, C, B, E, D
[Option ID = 15998]
3. A, B, C, E, D
[Option ID = 15999]
4. A, B, C, D, E
[Option ID = 16000]

Topic:- 27 Veterinary Pharmacology and Toxicology_PHD

1) Polymixins produce antibacterial action by altering the functioning of

[Question ID = 4051][Question Description = 101_129_VPT_SEP22_Q01]

1. Cell wall synthesis [Option ID = 16201]
2. Protein synthesis [Option ID = 16202]
3. Cell membrane permeability [Option ID = 16203]
4. DNA synthesis [Option ID = 16204]

2) Match List I with List II

List I	List II
Chemotherapeutic agent	Target
A. Ciprofloxacin	I. Dihydrofolate reductase
B. Sulphacetamide	II. Beta-lactamase
C. Trimethoprim	III. DNA gyrase
D. Tazobactam	IV. Dihydropteroate synthase

Choose the correct answer from the options given below:

[Question ID = 4052][Question Description = 102_129_VPT_SEP22_Q02]

1. A - III, B - IV, C - I, D - II [Option ID = 16205]
2. A - III, B - II, C - I, D - IV [Option ID = 16206]
3. A - II, B - I, C - III, D - IV [Option ID = 16207]
4. A - II, B - IV, C - I, D - III [Option ID = 16208]

3) Drug of choice for the treatment of malignant hyperthermia in animals

[Question ID = 4053][Question Description = 103_129_VPT_SEP22_Q03]

1. Dantrolene sodium [Option ID = 16209]
2. Decamethonium [Option ID = 16210]
3. Edrophonium [Option ID = 16211]
4. Halothane [Option ID = 16212]

4) Each one of the following form a set in a specific way except one. Choose odd one out.[Question ID = 4054][Question Description = 104_129_VPT_SEP22_Q04]

1. Angiotensin [Option ID = 16213]
2. Bradykinin [Option ID = 16214]
3. Substance P [Option ID = 16215]
4. Prostaglandin [Option ID = 16216]

5) An agent that blocks the exocytosis of neurotransmitter at neuromuscular junction.[Question ID = 4055][Question Description = 105_129_VPT_SEP22_Q05]

1. Botulium toxin [Option ID = 16217]
2. Saxitoxin [Option ID = 16218]
3. Tetrodotoxin [Option ID = 16219]
4. Scombrototoxin [Option ID = 16220]

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

Assertion A : Cardiac glycosides are better than the cardiac stimulants for the management of congestive heart failure.

Reason R : Cardiac stimulants increase heart rate, O_2 and energy demand while cardiac glycosides enhance force of contraction without proportionate O_2 and energy requirements.

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

[Question ID = 4056][Question Description = 106_129_VPT_SEP22_Q06]

1. Both A and R are true and R is the correct explanation of A [Option ID = 16221]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 16222]
3. A is true but R is false [Option ID = 16223]
4. A is false but R is true [Option ID = 16224]

7) Match List I with List II

List I	List II
Toxicant/drug	Side / Toxic effects
A. Cyclophosphamide	I. Gynaecomastia in males
B. Ketoconazole	II. Immunosuppressant
C. Carbon tetrachloride	III. Secondary photosensitization
D. Phenothiazine	IV. Hepatotoxicity

Choose the correct answer from the options given below:

[Question ID = 4057][Question Description = 107_129_VPT_SEP22_Q07]

1. A - II, B - I, C - III, D - IV [Option ID = 16225]
2. A - II, B - I, C - IV, D - III [Option ID = 16226]
3. A - I, B - III, C - II, D - IV [Option ID = 16227]
4. A - IV, B - III, C - II, D - I [Option ID = 16228]

8) A cytosolic rate-limited enzyme that only found in catecholamine containing cells[Question ID = 4058][Question Description = 108_129_VPT_SEP22_Q08]

1. Tyrosine hydroxylase [Option ID = 16229]
2. DOPA decarboxylase [Option ID = 16230]
3. N-methyl transferase [Option ID = 16231]
4. Monoamine oxidase [Option ID = 16232]

9) First selective phosphodiesterase type V inhibitor[Question ID = 4059][Question Description = 109_129_VPT_SEP22_Q09]

1. Sildenafil [Option ID = 16233]
2. Theophylline [Option ID = 16234]
3. Bromocriptine [Option ID = 16235]
4. Enalapril [Option ID = 16236]

10) Which of the following analgesics use in relieving visceral pains in animals

[Question ID = 4060][Question Description = 110_129_VPT_SEP22_Q10]

1. Aspirin [Option ID = 16237]
2. Diclophenac Sodium [Option ID = 16238]
3. Pentazocine [Option ID = 16239]
4. Celecoxib [Option ID = 16240]

11) Which one of the following antidote DOES NOT form a complex with toxicant

[Question ID = 4061][Question Description = 111_129_VPT_SEP22_Q11]

1. Anti-venine [Option ID = 16241]
2. Atropine [Option ID = 16242]
3. Ethylene diamine tetraacetic acid (EDTA) [Option ID = 16243]
4. Dimercaprol [Option ID = 16244]

12) Match List I with List II

List I	List II
Plant name	Toxic alkaloids
A. Seeds of <i>Nux vomica</i>	I. <i>Reserpine</i>
B. Roots of <i>Rauwolfia</i>	II. <i>Strychnine</i>
C. Leaves of <i>Belladonna</i>	III. <i>Ephedrine</i>
D. Stalk of <i>Ephedra</i>	IV. <i>Atropine</i>

Choose the correct answer from the options given below:

[Question ID = 4062][Question Description = 112_129_VPT_SEP22_Q12]

1. A - II, B - I, C - III, D - IV [Option ID = 16245]
2. A - II, B - I, C - IV, D - III [Option ID = 16246]
3. A - III, B - IV, C - I, D - II [Option ID = 16247]
4. A - I, B - II, C - III, D - IV [Option ID = 16248]

13) Most of the drugs undergo various enzyme mediated changes before final excretion from the body. This process is known as [Question ID = 4063][Question Description = 113_129_VPT_SEP22_Q13]

1. Detoxification [Option ID = 16249]
2. Pharmacodynamics [Option ID = 16250]
3. Bioactivation [Option ID = 16251]
4. Biotransformation [Option ID = 16252]

14) Match List I with List II

List I	List II
Theory proposed	Scientists
A. Rate theory of drug action	I. W.D.M. Paton in 1950
B. Receptor concept theory	II. August Weismann in 1880
C. Occupational theory	III. A. J. Clark in 1937
D. Germ-plasm theory	IV. Paul Ehrlich and JN Langley, 1900

Choose the correct answer from the options given below:

[Question ID = 4064][Question Description = 114_129_VPT_SEP22_Q14]

1. A - I, B - IV, C - III, D - II [Option ID = 16253]
2. A - III, B - IV, C - I, D - II [Option ID = 16254]
3. A - III, B - I, C - II, D - IV [Option ID = 16255]
4. A - I, B - IV, C - II, D - III [Option ID = 16256]

15) An appropriate order of potency for β_2 -adrenergic receptors from most potent to least potent would be [Question ID = 4065][Question Description = 115_129_VPT_SEP22_Q15]

1. Norepinephrine > Isoproterenol > Epinephrine [Option ID = 16257]
2. Isoproterenol > Norepinephrine > Epinephrine [Option ID = 16258]
3. Epinephrine > Norepinephrine > Isoproterenol [Option ID = 16259]
4. Isoproterenol > Epinephrine > Norepinephrine [Option ID = 16260]

16) Vanillyl mandelic acid (VMA) is a urinary metabolite of [Question ID = 4066][Question Description = 116_129_VPT_SEP22_Q16]

1. Adrenaline [Option ID = 16261]
2. Acetylcholine [Option ID = 16262]
3. Serotonin [Option ID = 16263]
4. Histamine [Option ID = 16264]

17) Match List I with List II

List I	List II
Chemicals	Applications/uses
A. Potassium iodide	I. Adsorbent
B. Silver nitrate	II. Expectorant
C. Lithium	III. Sedative
D. Carbon as charcoal	IV. Caustics

Choose the correct answer from the options given below:

[Question ID = 4067][Question Description = 117_129_VPT_SEP22_Q17]

1. A - II, B - III, C - IV, D - I [Option ID = 16265]
2. A - II, B - IV, C - III, D - I [Option ID = 16266]
3. A - III, B - II, C - IV, D - I [Option ID = 16267]
4. A - I, B - IV, C - II, D - III [Option ID = 16268]

18) Match List I with List II

List I	List II
Site of action	Agents
A. 5 α -Reductase inhibitor	I. Cilastatin
B. Dehydropeptidase I inhibitor	II. Ampicillin
C. Beta lactamase inhibitor	III. Dutasteride
D. Transpeptidase inhibitor	IV. Tazobactam

Choose the correct answer from the options given below:

[Question ID = 4068][Question Description = 118_129_VPT_SEP22_Q18]

1. A - I, B - III, C - IV, D - II [Option ID = 16269]
2. A - III, B - I, C - IV, D - II [Option ID = 16270]
3. A - III, B - II, C - IV, D - I [Option ID = 16271]
4. A - II, B - IV, C - III, D - I [Option ID = 16272]

19) Match List I with List II

List I	List II
Toxicity	Toxicant
A. Bhopal tragedy	I. Sinigrin
B. Dropsy syndrome in Delhi	II. Digoxin
C. Spinal stimulant	III. Strychnine
D. Cardiotoxicity	IV. Methyl isocyanide

Choose the correct answer from the options given below:

[Question ID = 4069][Question Description = 119_129_VPT_SEP22_Q19]

1. A - IV, B - I, C - III, D - II [Option ID = 16273]
2. A - IV, B - II, C - III, D - I [Option ID = 16274]
3. A - III, B - II, C - IV, D - I [Option ID = 16275]
4. A - II, B - IV, C - I, D - III [Option ID = 16276]

20) Match List I with List II

List I	List II
Antimicrobials	Toxic syndrome
A. Sulfonamides	I. Red man syndrome
B. Tetracyclines	II. Gray baby syndrome
C. Chloramphenicol	III. Fanconi syndrome
D. Vancomycin	IV. Faulty egg shell formation

Choose the correct answer from the options given below:

[Question ID = 4070][Question Description = 120_129_VPT_SEP22_Q20]

1. A - IV, B - III, C - I, D - II [Option ID = 16277]
2. A - IV, B - III, C - II, D - I [Option ID = 16278]
3. A - III, B - IV, C - II, D - I [Option ID = 16279]
4. A - I, B - II, C - III, D - IV [Option ID = 16280]

21) Match List I with List II

List I	List II
Poisoning	Toxicosis
A. ANTU poisoning	I. Pulmonary edema
B. Sweet clover poisoning	II. Thiamine deficiency
C. Sodium chloride poisoning	III. Vitamin K deficiency
D. Bracken fern poisoning	IV. Polioencephalomalacia

Choose the correct answer from the options given below:

[Question ID = 4071][Question Description = 121_129_VPT_SEP22_Q21]

1. A - I, B - IV, C - III, D - II [Option ID = 16281]
2. A - I, B - III, C - IV, D - II [Option ID = 16282]
3. A - III, B - IV, C - II, D - I [Option ID = 16283]
4. A - I, B - II, C - III, D - IV [Option ID = 16284]

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

Assertion A : Antibacterial action of sulfonamides is declined in presence of pus, tissue debris, exudates at the site of application.

Reason R : In pus, tissue debris contains high concentrations of PABA which is responsible for modulation of sulphonamide action.

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

[Question ID = 4072][Question Description = 122_129_VPT_SEP22_Q22]

1. Both A and R are true and R is the correct explanation of A [Option ID = 16285]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 16286]
3. A is true but R is false [Option ID = 16287]
4. A is false but R is true [Option ID = 16288]

23) Branch of pharmacology deals with the study of history, source and physiochemical properties of the drug is known as

[Question ID = 4073][Question Description = 123_129_VPT_SEP22_Q23]

1. Pharmacokinetics
[Option ID = 16289]
2. Pharmacodynamics
[Option ID = 16290]
3. Pharmacognosy
[Option ID = 16291]
4. Pharmacometrics
[Option ID = 16292]

24) Process that measure the rate and extent of administered oral dose of a drug that reaches in systemic circulation in intact form is known as [Question ID = 4074][Question Description = 124_129_VPT_SEP22_Q24]

1. Absorption [Option ID = 16293]
2. Bioavailability [Option ID = 16294]
3. Passive diffusion [Option ID = 16295]
4. Bioequivalence [Option ID = 16296]

25) Match List I with List II

List I	List II
conditions	Agents
A. Fecal softener	I. Omeprazole
B. H ₂ receptor agonist	II. Betazole
C. Proton Pump inhibitor	III. Famotidine
D. H ₂ Receptor antagonist	IV. Docusate sodium

Choose the correct answer from the options given below:

[Question ID = 4075][Question Description = 125_129_VPT_SEP22_Q25]

1. A - III, B - IV, C - I, D - II [Option ID = 16297]
2. A - IV, B - II, C - III, D - I [Option ID = 16298]
3. A - I, B - II, C - III, D - IV [Option ID = 16299]
4. A - IV, B - II, C - I, D - III [Option ID = 16300]

26) Match List I with List II

List I	List II
Conditions	Suitable example
A. Expectorant	I. Guaifenesin
B. Medullary stimulant	II. Dexmethorphan
C. Cough suppressant	III. Nodocromil
D. Mast cell stabilizer	IV. Bemegride

Choose the correct answer from the options given below:

[Question ID = 4076][Question Description = 126_129_VPT_SEP22_Q26]

1. A - I, B - IV, C - II, D - III [Option ID = 16301]
2. A - I, B - IV, C - III, D - II [Option ID = 16302]
3. A - IV, B - III, C - II, D - I [Option ID = 16303]
4. A - I, B - II, C - III, D - IV [Option ID = 16304]

27) Match List I with List II

List I	List II
Conditions	Agent/drug
A. Cardiac stimulant	I. Enalapril
B. Rennin inhibitor	II. Aliskiren
C. Angiotensin receptor antagonist	III. Ouabain
D. Angiotensin converting enzyme inhibitor	IV. Losartan

Choose the correct answer from the options given below:

[Question ID = 4077][Question Description = 127_129_VPT_SEP22_Q27]

1. A - III, B - II, C - IV, D - I [Option ID = 16305]
2. A - III, B - II, C - I, D - IV [Option ID = 16306]
3. A - I, B - IV, C - III, D - II [Option ID = 16307]
4. A - I, B - II, C - III, D - IV [Option ID = 16308]

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

Assertion A : The plant can grow in soil free from selenium but if selenium is present they can accumulate it. Such types of plants are called facultative accumulator.

Reason R : Obligate accumulators of selenium plants are grow only in seleniferous soil

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

[Question ID = 4078][Question Description = 128_129_VPT_SEP22_Q28]

1. Both A and R are true and R is the correct explanation of A [Option ID = 16309]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 16310]
3. A is true but R is false [Option ID = 16311]
4. A is false but R is true [Option ID = 16312]

29) Match List I with List II

List I	List II
Name of channel	Blocker
A. K ⁺ channel opener	I. Minoxidil
B. Cl ⁻ conductance facilitator	II. Diazepam
C. Na ⁺ channel blocker	III. Diltiazem
D. Ca ⁺² channel blocker	IV. Flecainide

Choose the correct answer from the options given below:

[Question ID = 4079][Question Description = 129_129_VPT_SEP22_Q29]

1. A - I, B - II, C - IV, D - III [Option ID = 16313]
2. A - I, B - II, C - III, D - IV [Option ID = 16314]
3. A - IV, B - II, C - III, D - I [Option ID = 16315]
4. A - I, B - III, C - II, D - IV [Option ID = 16316]

30) Match List I with List II

List I	List II
Poisoning	Antidote

A. Cyanogenetic glycoside poisoning	I. British Anti Lewisite
B. Nitrite poisoning	II. Desferrioxamine
C. Iron poisoning	III. Sodium nitrite
D. Arsenic poisoning	IV. Methylene blue
	V. Calcium Borogluconate

Choose the correct answer from the options given below:

[Question ID = 4080][Question Description = 130_129_VPT_SEP22_Q30]

1. A - I, B - II, C - III, D - IV [Option ID = 16317]
2. A - III, B - IV, C - I, D - II [Option ID = 16318]
3. A - III, B - IV, C - II, D - I [Option ID = 16319]
4. A - IV, B - III, C - II, D - I [Option ID = 16320]

31) Match List I with List II

List I	List II
Enzymes	Toxicants
A. Acetylcholinesterase inhibitor	I. Fluoroacetate
B. Mixed function oxidase inhibitor	II. Digitoxin
C. Aconitase inhibitor	III. Chlorpyrifos
D. Na ⁺ K ⁺ ATPase inhibitor	IV. Pipronyl butoxide

Choose the correct answer from the options given below:

[Question ID = 4081][Question Description = 131_129_VPT_SEP22_Q31]

1. A - III, B - IV, C - I, D - II [Option ID = 16321]
2. A - III, B - I, C - IV, D - II [Option ID = 16322]
3. A - II, B - I, C - III, D - IV [Option ID = 16323]
4. A - I, B - II, C - III, D - IV [Option ID = 16324]

32) The highest dose of a toxicant that an organism can be exposed to without causing death or significant overt toxicity[Question ID = 4082][Question Description = 132_129_VPT_SEP22_Q32]

1. Maximum tolerated dose [Option ID = 16325]
2. Lowest observed adverse effect level [Option ID = 16326]
3. Acceptable daily intake [Option ID = 16327]
4. Permissible level [Option ID = 16328]

33) Match List I with List II

List I	List II
Smell type	Poisoning
A. Bitter almond smell	I. Hemlock poisoning
B. Garlic order	II. Cyanide poisoning
C. Mice smell	III. Phosphorus poisoning
D. Rotten egg smell	IV. Hydrogen sulphide poisoning
	V. Organophosphorus poisoning

Choose the correct answer from the options given below:

[Question ID = 4083][Question Description = 133_129_VPT_SEP22_Q33]

1. A - II, B - III, C - I, D - IV [Option ID = 16329]
2. A - I, B - II, C - III, D - IV [Option ID = 16330]
3. A - IV, B - III, C - II, D - V [Option ID = 16331]
4. A - II, B - III, C - IV, D - I [Option ID = 16332]

34) Receptor molecule that has a similar structure to other identified receptors but whose endogenous ligand has NOT yet been identified are classified as

[Question ID = 4084][Question Description = 134_129_VPT_SEP22_Q34]

1. Silent receptors [Option ID = 16333]
2. Physiological receptors [Option ID = 16334]
3. Spare receptors [Option ID = 16335]
4. Orphan receptors [Option ID = 16336]

35) Which of the following is incorrect with regards to mechanism of action of Streptomycin?

[Question ID = 4085][Question Description = 135_129_VPT_SEP22_Q35]

1. Blocking initiation of protein synthesis

[Option ID = 16337]

2. Blocking further translation

[Option ID = 16338]

3. Incorporating of incorrect amino acids

[Option ID = 16339]

4. Breaking dihydrogen bond

[Option ID = 16340]

36) Which one of the following lipid lowering agent derived from nicotinic acid?

[Question ID = 4086][Question Description = 136_129_VPT_SEP22_Q36]

1. Simvastatin

[Option ID = 16341]

2. Bezafibrate

[Option ID = 16342]

3. Gemfibrozil

[Option ID = 16343]

4. Acipimox

[Option ID = 16344]

37) Verapamil is now replaced by a safer drug for paroxysmal supra-ventricular tachycardia[Question ID = 4087][Question Description = 137_129_VPT_SEP22_Q37]

1. Adenosine [Option ID = 16345]
2. Theophylline [Option ID = 16346]
3. Glucagon [Option ID = 16347]
4. Dobutamine [Option ID = 16348]

38) Dimethyl cysteine derivative used for treatment of rheumatoid arthritis is[Question ID = 4088][Question Description = 138_129_VPT_SEP22_Q38]

1. Sodium aurothiomalate [Option ID = 16349]
2. Auranofin [Option ID = 16350]
3. Penicillamine [Option ID = 16351]
4. Azathioprine [Option ID = 16352]

39) First CNS depressant used in veterinary surgery as sedative in large animals is[Question ID = 4089][Question Description = 139_129_VPT_SEP22_Q39]

1. Chloral hydrate [Option ID = 16353]
2. Diazepam [Option ID = 16354]
3. Urethane [Option ID = 16355]
4. Halothane [Option ID = 16356]

40) Which one of the following is a selective inhibitor of Monoamine oxidase A (MAO_A)?

[Question ID = 4090][Question Description = 140_129_VPT_SEP22_Q40]

1. Epedrine [Option ID = 16357]
2. Clorgyline [Option ID = 16358]
3. Imipromidine [Option ID = 16359]
4. Ergotamine [Option ID = 16360]

41) Bemegride is employed as antidote in over-dosages cases of[Question ID = 4091][Question Description = 141_129_VPT_SEP22_Q41]

1. Pentobarbitone [Option ID = 16361]
2. Ketamine [Option ID = 16362]
3. Chloral hydrate [Option ID = 16363]
4. Propofol [Option ID = 16364]

42) Excessive entry of calcium ions in the cytoplasm may lead to death of cell due to activation of different death cascade is known as[Question ID = 4092][Question Description = 142_129_VPT_SEP22_Q42]

1. Apoptosis [Option ID = 16365]
2. Excitotoxicity [Option ID = 16366]
3. Inflammation [Option ID = 16367]
4. Natural death [Option ID = 16368]

43) Which of the following is NOT a cyclic GABA analogue[Question ID = 4093][Question Description = 143_129_VPT_SEP22_Q43]

1. Gabapentin [Option ID = 16369]
2. Chlordiazepoxide [Option ID = 16370]
3. Tiagabine [Option ID = 16371]
4. Vigabatrin [Option ID = 16372]

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

Assertion A : Myasthenia gravis is an autoimmune disorder due to irreversible loss of nicotinic receptors resulting into muscular dystrophy.

Reason R : Cholinergic overflow at nerve terminals can be checked by administering atropine sulphate

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

[Question ID = 4094][Question Description = 144_129_VPT_SEP22_Q44]

1. Both A and R are true and R is the correct explanation of A
[Option ID = 16373]
2. Both A and R are true but R is NOT the correct explanation of A
[Option ID = 16374]
3. A is true but R is false
[Option ID = 16375]
4. A is false but R is true
[Option ID = 16376]

45) following agent is a suitable example of dissociative parenteral anesthetic is

[Question ID = 4095][Question Description = 145_129_VPT_SEP22_Q45]

1. Pentobarbitone [Option ID = 16377]
2. Chloral hydrate [Option ID = 16378]
3. Ketamine [Option ID = 16379]
4. Propofol [Option ID = 16380]

46) Local anaesthetics like procaine can inhibit the antibacterial effect of which of the following agent

[Question ID = 4096][Question Description = 146_129_VPT_SEP22_Q46]

1. Penicillin [Option ID = 16381]
2. Tetracycline [Option ID = 16382]
3. Cephalosporin [Option ID = 16383]
4. Sulphonamide [Option ID = 16384]

47) Which one of the following is the first-choice disease modifying antirheumatic drug (DMARD) and a folic acid antagonist

[Question ID = 4097][Question Description = 147_129_VPT_SEP22_Q47]

1. Sulfasalazine [Option ID = 16385]
2. Methotrexate [Option ID = 16386]
3. Etanercept [Option ID = 16387]
4. Meloxicam [Option ID = 16388]

48) Atropine produces toxicity in all species of animals except[Question ID = 4098][Question Description = 148_129_VPT_SEP22_Q48]

1. Rat [Option ID = 16389]
2. Guinea pig [Option ID = 16390]
3. Hamster [Option ID = 16391]
4. Rabbit [Option ID = 16392]

49) Chocolate brown color blood is seen in poisoning due to[Question ID = 4099][Question Description = 149_129_VPT_SEP22_Q49]

1. Mercury [Option ID = 16393]
2. Nitrate and Nitrite [Option ID = 16394]
3. Fluorine [Option ID = 16395]
4. Selenium [Option ID = 16396]

50) During Organophosphorus poisoning, amino-glycosides administrations may be responsible for:[Question ID = 4100][Question Description = 150_129_VPT_SEP22_Q50]

1. Enhancement of neuromuscular toxicity [Option ID = 16397]
2. Reduction in nephrotoxicity [Option ID = 16398]
3. Enhancement of ototoxicity [Option ID = 16399]
4. Enhanced hepatotoxicity [Option ID = 16400]

