

30 Veterinary Anatomy 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. Campylorachis 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. CO₂ 5% 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 recation
- 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:- 30 Veterinary Anatomy_PHD

1) All the flexor muscles of forearm arises from medial condyle of Humerus except

[Question ID = 4201][Question Description = 101_128_VAH_SEP22_Q01]

1. Flexor carpi ulnaris [Option ID = 16801]
2. Ulnaris lateralis [Option ID = 16802]
3. Superficial digital flexor [Option ID = 16803]
4. Deep digital flexor [Option ID = 16804]

2) The point of hock is formed by[Question ID = 4202][Question Description = 102_128_VAH_SEP22_Q02]

1. Sustantaculum tali [Option ID = 16805]
2. Trochlea tali [Option ID = 16806]
3. Tuber calcis [Option ID = 16807]
4. Lateral malleolus [Option ID = 16808]

3) In clinical condition of upward fixation of patella which ligament is cut

[Question ID = 4203][Question Description = 103_128_VAH_SEP22_Q03]

1. Medial patellar ligament
[Option ID = 16809]
2. Lateral patellar ligament
[Option ID = 16810]
3. Middle patellar ligament
[Option ID = 16811]
4. Collateral ligament

[Option ID = 16812]

4) In dog fabella plays the role of sessamoid bone for which muscle?

[Question ID = 4204][Question Description = 104_128_VAH_SEP22_Q04]

1. Popliteus [Option ID = 16813]
2. Soleus [Option ID = 16814]
3. Gastrocnemius [Option ID = 16815]
4. Quadricepfemoris [Option ID = 16816]

5) Match List I with List II

List I	List II
A. Stifle joint	I. Round ligament
B. Elbow joint	II. Odontoid ligament
C. Fetlock joint	III. Cruciate ligament
D. Hip joint	IV. Sessamoidean ligament
	V. Archiform ligament

Choose the correct answer from the options given below:

[Question ID = 4205][Question Description = 105_128_VAH_SEP22_Q05]

1. A -IV, B - V, C - II, D - I [Option ID = 16817]
2. A - III, B -V, C -IV, D -I [Option ID = 16818]
3. A -V, B -III, C - IV, D - II [Option ID = 16819]
4. A - II, B -III, C - V, D -I [Option ID = 16820]

6) Match List I with List II

List I	List II
A. Trachea	I. Simple columnar
B. Fallopian tube	II. Transitional epithelium
C. Intestine	III. simple columnar ciliated
D. Pelvic urethra	IV. Stratified columnar epithelium
	V. Pseudostratified ciliated epithelium

Choose the correct answer from the options given below:

[Question ID = 4206][Question Description = 106_128_VAH_SEP22_Q06]

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

[Option ID = 16821]

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

[Option ID = 16822]

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

[Option ID = 16823]

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

[Option ID = 16824]

7) The extrinsic muscle of larynx is[Question ID = 4207][Question Description = 107_128_VAH_SEP22_Q07]

1. Crico thyroideus [Option ID = 16825]
2. Crico arytenoideus [Option ID = 16826]
3. Thyro arytenoideus [Option ID = 16827]
4. Sterno thyro hyoideus [Option ID = 16828]

8) Which one of the following is NOT part of portal triad?

[Question ID = 4208][Question Description = 108_128_VAH_SEP22_Q08]

1. Portal vein [Option ID = 16829]
2. Hepatic vein [Option ID = 16830]
3. Hepatic artery [Option ID = 16831]
4. Bile ducts [Option ID = 16832]

9) Which of the layer is absent in stratified squamous epithelium in thin skin?

[Question ID = 4209][Question Description = 109_128_VAH_SEP22_Q09]

1. Stratum basale [Option ID = 16833]
2. Stratum corneum [Option ID = 16834]

3. Stratum lucidum [Option ID = 16835]
4. Stratum spinosum [Option ID = 16836]

10) Thoracic duct enters the thoracic cavity through[Question ID = 4210][Question Description = 110_128_VAH_SEP22_Q10]

1. Foramen vena cava [Option ID = 16837]
2. Hiatus aorticus [Option ID = 16838]
3. Hiatus oesophagi [Option ID = 16839]
4. Lumbocostal arch [Option ID = 16840]

11) Which one of the following part of quadricep femoris muscle DOES NOT arise from femur?

[Question ID = 4211][Question Description = 111_128_VAH_SEP22_Q11]

1. Vastus internus [Option ID = 16841]
2. Vastus externus [Option ID = 16842]
3. Vastus intermedius [Option ID = 16843]
4. Rectus femoris [Option ID = 16844]

12) Pericardiophrenic ligament is present in species[Question ID = 4212][Question Description = 112_128_VAH_SEP22_Q12]

1. Horse [Option ID = 16845]
2. Dog [Option ID = 16846]
3. Pig [Option ID = 16847]
4. Fowl [Option ID = 16848]

13) Which one of the following air sac of fowl is single?

[Question ID = 4213][Question Description = 113_128_VAH_SEP22_Q13]

1. Cervical [Option ID = 16849]
2. Clavicular [Option ID = 16850]
3. Axillary [Option ID = 16851]
4. Abdominal [Option ID = 16852]

14) Write the sequence of development of bronchi and lungs

- A. Canalicular period
- B. Embryonic period
- C. Saccular period
- D. Alveolar period
- E. Pseudoglandular period

Choose the *correct* answer from the options given below

[Question ID = 4214][Question Description = 114_128_VAH_SEP22_Q14]

1. B, E, A, C, D [Option ID = 16853]
2. B, A, C, D, E [Option ID = 16854]
3. A, C, E, D, B [Option ID = 16855]
4. D, A, B, E, C [Option ID = 16856]

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

Assertion A : Horse can not kick sideward.

Reason R : Hip joint of Horse contain round and Accessory ligament.

[Question ID = 4215][Question Description = 115_128_VAH_SEP22_Q15]

1. Both A and R are true and R is the correct explanation of A [Option ID = 16857]
2. Both A and R are true but R is NOT the correct explanation of A [Option ID = 16858]
3. A is true but R is false [Option ID = 16859]
4. A is false but R is true [Option ID = 16860]

16) Kaolin sheath is seen in fowl in -----organ.

[Question ID = 4216][Question Description = 116_128_VAH_SEP22_Q16]

1. Proventriculus [Option ID = 16861]
2. Gizzard [Option ID = 16862]
3. Pancreas [Option ID = 16863]

4. Crop [Option ID = 16864]

17) Vaginal smear of bitch shows -----type of cells in estrus phase.

[Question ID = 4217][Question Description = 117_128_VAH_SEP22_Q17]

1. Typical noncornified epithelial cells [Option ID = 16865]
2. Numerous Erythrocytes and cornified cells [Option ID = 16866]
3. Few erythrocytes and numerous cornified cells [Option ID = 16867]
4. Numerous heterophills [Option ID = 16868]

18) Which one of following is concerned with sensation of local pressure?

[Question ID = 4218][Question Description = 118_128_VAH_SEP22_Q18]

1. paccissian corpuscle [Option ID = 16869]
2. Ruffini's corpuscle [Option ID = 16870]
3. Grandry's corpuscle [Option ID = 16871]
4. Meissners corpuscle [Option ID = 16872]

19) Match List I with List II

List I	List II
A. Mandibular nerve	I. Foramen Lacerum
B. Oculomotor	II. Foramen ovale
C. Facial nerve	III. Foramen magnum
D. vagus	IV. Stylomastoid foramen
	V. Foramen orbitotendulum

Choose the correct answer from the options given below:

[Question ID = 4219][Question Description = 119_128_VAH_SEP22_Q19]

1. A - IV, B -I, C -V, D - II [Option ID = 16873]
2. A -II, B -V, C -IV, D - I [Option ID = 16874]
3. A -V, B -IV, C -II, D - I [Option ID = 16875]
4. A -V, B -II, C -IV, D -III [Option ID = 16876]

20) Calamus scriptorius is seen in[Question ID = 4220][Question Description = 120_128_VAH_SEP22_Q20]

1. Floor of lateral ventricle [Option ID = 16877]
2. Roof of third ventricle [Option ID = 16878]
3. Fourth ventricle [Option ID = 16879]
4. septum lucidum [Option ID = 16880]

21) The myelin sheath of nerve fibers in the central nervous system are cytoplasmic extensions of:

[Question ID = 4221][Question Description = 121_128_VAH_SEP22_Q21]

1. Schwann cells [Option ID = 16881]
2. Oligodendrocytes [Option ID = 16882]
3. Astrocytes [Option ID = 16883]
4. Microglia [Option ID = 16884]

22) Outermost foetal membrane is:[Question ID = 4222][Question Description = 122_128_VAH_SEP22_Q22]

1. Allantois [Option ID = 16885]
2. Yolk sac [Option ID = 16886]
3. Amnion [Option ID = 16887]
4. Chorion [Option ID = 16888]

23) In dog, common site for venipuncture is:[Question ID = 4223][Question Description = 123_128_VAH_SEP22_Q23]

1. Median vein [Option ID = 16889]
2. Cephalic vein [Option ID = 16890]
3. Ulnar vein [Option ID = 16891]
4. Radial vein [Option ID = 16892]

24) Arrange the sequence of part of cardiac tube in anterior to posterior order

A. Atrium

B. Trunkus arteriosus

C. Ventricle

D. Sinus venosus

E. Bulbus cordis

Choose the *correct* answer from the options given below

[Question ID = 4224][Question Description = 124_128_VAH_SEP22_Q24]

1. B, E, C, A, D [Option ID = 16893]
2. A, C, B, E, D [Option ID = 16894]
3. B, D, E, C, A [Option ID = 16895]
4. A, B, C, D, E [Option ID = 16896]

25) In ox, which of the following nerve block is used to desensitize the cheek teeth, alveoli and gums of lower jaw:

[Question ID = 4225][Question Description = 125_128_VAH_SEP22_Q25]

1. Frontal nerve block [Option ID = 16897]
2. Mental nerve block [Option ID = 16898]
3. Maxillary nerve block [Option ID = 16899]
4. Mandibular nerve block [Option ID = 16900]

26) The Geniculate ganglion is formed by -----nerve after entering aqueduct of fallopian.

[Question ID = 4226][Question Description = 126_128_VAH_SEP22_Q26]

1. auditory nerve [Option ID = 16901]
2. abducent nerve [Option ID = 16902]
3. facial nerve [Option ID = 16903]
4. vagus nerve [Option ID = 16904]

27) The tendon of superficial digital flexor and tendon of gastrocnemius muscle form tendon named

[Question ID = 4227][Question Description = 127_128_VAH_SEP22_Q27]

1. Tendon of hamstring
[Option ID = 16905]
2. Prepubic tendon
[Option ID = 16906]
3. Tendon of achilis
[Option ID = 16907]
4. Tendon of parvus
[Option ID = 16908]

28) The ----- lymphoid organ is referred as lymphoepithelial organ.

[Question ID = 4228][Question Description = 128_128_VAH_SEP22_Q28]

1. Spleen [Option ID = 16909]
2. Thymus [Option ID = 16910]
3. Hemal node [Option ID = 16911]
4. Payer's patches [Option ID = 16912]

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

Assertion A : Inguinal canal is an oblique canal passes through the posterior wall placed on the side of prepubic region

Reason R : In female it is rudimentary and contains mammary vessels and nerves only

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

[Question ID = 4229][Question Description = 129_128_VAH_SEP22_Q29]

1. Both A and R are true and R is the correct explanation of A [Option ID = 16913]
2. Both A and R are true but R is not the correct explanation of A [Option ID = 16914]
3. A is true but R is false [Option ID = 16915]
4. A is false but R is true [Option ID = 16916]

30) Inferior ischitic spine runs from the under surface of tuber ischii inward and forward in ----- animal.

[Question ID = 4230][Question Description = 130_128_VAH_SEP22_Q30]

1. horse [Option ID = 16917]
2. dog [Option ID = 16918]
3. pig [Option ID = 16919]
4. cattle [Option ID = 16920]

31) Type of placenta in dog

[Question ID = 4231][Question Description = 131_128_VAH_SEP22_Q31]

1. Diffuse, folded, epitheliochorial, adeciduate
[Option ID = 16921]
2. Diffuse, villous, epitheliochorial, adeciduate
[Option ID = 16922]
3. Zonary, folded, epitheliochorial, deciduate
[Option ID = 16923]
4. Zonary, lamellar, epitheliochorial, deciduate
[Option ID = 16924]

32) There is only one jugular vein on either side, right and left which unite to form jugular confluent in -----species.

[Question ID = 4232][Question Description = 132_128_VAH_SEP22_Q32]

1. Ox [Option ID = 16925]
2. Horse [Option ID = 16926]
3. Dog [Option ID = 16927]
4. Pig [Option ID = 16928]

33) Lumbosacral plexus in ox is formed by

[Question ID = 4233][Question Description = 133_128_VAH_SEP22_Q33]

1. ventral branches of L5 L6 and S1, S2, S3 spinal nerves [Option ID = 16929]
2. ventral branches of L4, L5 L6 and S1, S2 spinal nerves [Option ID = 16930]
3. ventral branches of L5 L6 and S1, S2 spinal nerves [Option ID = 16931]
4. ventral branches of L3, L4 L5 L6 and S1, S2 spinal nerves [Option ID = 16932]

34) Theory of epigenesis is given by[Question ID = 4234][Question Description = 134_128_VAH_SEP22_Q34]

1. Karl Von Baer [Option ID = 16933]
2. K.F.Wolff [Option ID = 16934]
3. Spallanzani [Option ID = 16935]
4. Hamm and Leeuwenhoek [Option ID = 16936]

35) Match List I with List II

List I	List II
A. Interstitial cells	I. prolactin
B. Zona reticularis	II. Vasopressin
C. Clear cells	III. Testosterone
D. Anterior pituitary	IV. Sex corticoids
	V. Calcitonin

Choose the correct answer from the options given below:

[Question ID = 4235][Question Description = 135_128_VAH_SEP22_Q35]

1. A - IV, B - V, C - II, D - I [Option ID = 16937]
2. A -IV, B -III, C - V, D -II [Option ID = 16938]
3. A -III, B - IV, C -V, D - I [Option ID = 16939]
4. A -III, B -I, C -V, D - II [Option ID = 16940]

36) The Surfactants are produced by which cells in lungs

[Question ID = 4236][Question Description = 136_128_VAH_SEP22_Q36]

1. type II pneumocyte [Option ID = 16941]
2. type I pneumocyte [Option ID = 16942]
3. clara cells [Option ID = 16943]
4. Both 1 and 2 [Option ID = 16944]

37) The Parabronchi are seen in lungs of

[Question ID = 4237][Question Description = 137_128_VAH_SEP22_Q37]

1. Horse [Option ID = 16945]
2. Pig [Option ID = 16946]
3. Fowl [Option ID = 16947]
4. Dog [Option ID = 16948]

38) Scrotal skin in ox has wrinkles less due to

[Question ID = 4238][Question Description = 138_128_VAH_SEP22_Q38]

1. scrotal fascia [Option ID = 16949]
2. Parietal layer of tunica vaginalis [Option ID = 16950]
3. tunica dartus [Option ID = 16951]
4. Visceral layer of tunica vaginalis [Option ID = 16952]

39) Serous demilunes are seen in ----- glands.

[Question ID = 4239][Question Description = 139_128_VAH_SEP22_Q39]

1. Pancreas [Option ID = 16953]
2. parotid gland [Option ID = 16954]
3. mandibular gland [Option ID = 16955]
4. Both 1 and 3 [Option ID = 16956]

40) Largest bulbourethral glands are seen in

[Question ID = 4240][Question Description = 140_128_VAH_SEP22_Q40]

1. Horse [Option ID = 16957]
2. Dog [Option ID = 16958]
3. Pig [Option ID = 16959]
4. Ox [Option ID = 16960]

41) Single patellar ligament is seen in

[Question ID = 4241][Question Description = 141_128_VAH_SEP22_Q41]

1. Horse [Option ID = 16961]
2. Dog [Option ID = 16962]
3. Pig [Option ID = 16963]
4. Both 2 and 3 [Option ID = 16964]

42) Star shaped, elongated, contractile smooth muscle cells surrounding the glands are called as

[Question ID = 4242][Question Description = 142_128_VAH_SEP22_Q42]

1. Tubuloacinar cells
[Option ID = 16965]
2. Signet cells
[Option ID = 16966]
3. Basket cells
[Option ID = 16967]
4. Sestoli cell
[Option ID = 16968]

43) Bursa of fabricius pierces -----part of cloaca.

[Question ID = 4243][Question Description = 143_128_VAH_SEP22_Q43]

1. urodeum [Option ID = 16969]
2. coprodeum [Option ID = 16970]
3. proctodeum [Option ID = 16971]
4. in between urodeum and coprodeum [Option ID = 16972]

44) Isogenous group is common in -----cartilage.

[Question ID = 4244][Question Description = 144_128_VAH_SEP22_Q44]

1. Hyaline cartilage [Option ID = 16973]
2. Elastic cartilage [Option ID = 16974]
3. Fibrocartilage [Option ID = 16975]
4. all of above [Option ID = 16976]

45) Collgen fibres stain red with ----- special stain.

[Question ID = 4245][Question Description = 145_128_VAH_SEP22_Q45]

1. Mellory stain [Option ID = 16977]
2. Masson's trichrome [Option ID = 16978]
3. Gridley's stain [Option ID = 16979]
4. Von gieson stain [Option ID = 16980]

46) Match List I with List II

List I	List II
A. Saccus caecus	I. Ox
B. Bulbus Glandis	II. Pig
C. Pessulus	III. Fowl
D. Diverticulum ventriculi	IV. Horse
	V. Dog

Choose the correct answer from the options given below:

[Question ID = 4246][Question Description = 146_128_VAH_SEP22_Q46]

1. A -IV, B -V, C -III, D - II [Option ID = 16981]
2. A -II, B -V, C -IV, D - I [Option ID = 16982]
3. A - I, B -IV, C - III, D -II [Option ID = 16983]
4. A -III, B -V, C -IV, D -II [Option ID = 16984]

47) Malpighian corpuscle are seen in

[Question ID = 4247][Question Description = 147_128_VAH_SEP22_Q47]

1. Liver [Option ID = 16985]
2. Kidney [Option ID = 16986]
3. Spleen [Option ID = 16987]
4. Thymus [Option ID = 16988]

48) Which laryngeal cartilage is paired in ox?

[Question ID = 4248][Question Description = 148_128_VAH_SEP22_Q48]

1. Cricoid cartilage [Option ID = 16989]
2. Thyroid cartilage [Option ID = 16990]
3. Epiglottis cartilage [Option ID = 16991]
4. Artynoid cartilage [Option ID = 16992]

49) Sciatic Nerve dip between two heads of gastrocnemius and continued as----- nerve.

[Question ID = 4249][Question Description = 149_128_VAH_SEP22_Q49]

1. peroneal nerve
[Option ID = 16993]
2. femoral nerve
[Option ID = 16994]
3. internal popliteal nerve
[Option ID = 16995]
4. external saphenous nerve
[Option ID = 16996]

50) The cortical and medullary tissues are reversed in lymphnode in ---- animal.

[Question ID = 4250][Question Description = 150_128_VAH_SEP22_Q50]

1. dog [Option ID = 16997]
2. pig [Option ID = 16998]
3. horse [Option ID = 16999]
4. Both 1 and 2 [Option ID = 17000]