

PROVISIONAL ANSWER KEY

Question 35/2025/OL

Paper Code:

Category 404/2024

Code:

Exam: Veterinary Surgeon Grade II

Date of Test 03-04-2025

Department Animal Husbandry

Question1:-Which of the following statements is /are correct with respect to their action in relation to respiration?

- i. Diaphragm is the principal muscle of inspiration.
- ii. Transversus thoracis is an inspiratory muscle.
- iii. External intercostal muscles are inspiratory muscles

A:-i and ii

B:-ii and iii

C:-i and iii

D:-i, ii and iii

Correct Answer:- Option-C

Question2:-Among the following cranial nerves which nerve is/are motor in function?

- i. Trochlear nerve
- ii. Hypoglossal nerve
- iii. Auditory nerve

A:-i and ii

B:-ii and iii

C:-i and iii

D:-i, ii and iii

Correct Answer:- Option-A

Question3:-Foetal membrane that serves as a storage space for renal waste during the development of domestic animals is

A:-Yolk sac

B:-Allantois

C:-Amnion

D:-Chorion

Correct Answer:- Option-B

Question4:-Atlanto-axial joint is an example of

A:-Uni-axial/Trochoid joint

B:-Bi-axial/Imperfect hinge joint

C:-Bi-axial Ellipsoid joint

D:-Multi-axial/Spheroid joint

Correct Answer:- Option-A

Question5:-What will be the pH of 0.01 N sodium hydroxide?

A:-2

B:-12

C:-10

D:-01

Correct Answer:- Option-B

Question6:-Which of the following is true regarding vertebrate eye?

- i. It is a fluid filled structure enclosed by the three layers - schlera, cornea and retina.
- ii. Vitreous humour is important in maintaining the shape of the eye and is the sole supplier of nutrients to the lens and retina.
- iii. Vertebrate retina is well vascularized and contain an outer pigmented layer and inner nervous tissue layer.
- iv. Changes in pupillary size can be induced by conditions other than light.

A:-i

B:-i and iii

C:-ii

D:-iv

Correct Answer:- Option-D

Question7:-Which of the following features help mammalian RBC to transport O₂ efficiently?

- i. Biconcave shape which provides larger surface area for diffusion.
- ii. Thin and rigid plasma membrane that helps rapid diffusion.
- iii. Iron atoms of the respiratory pigments that reversibility bind to O₂.
- iv. Stuffing of the cell with respiratory pigments excluding all other organelle.

A:-i, ii, iii and iv

B:-i, ii and iii only

C:-i, iii and iv only

D:-ii, iii and iv only

Correct Answer:- Option-C

Question8:-Statement : In a fight or flight situation epinephrine promotes glycogen breakdown in liver and skeletal muscle producing glucose and pyruvate/lactate, respectively

Reason : Skeletal muscle does not have glucose 6 phosphatase and any glucose 6 phosphate produced undergo glycolysis to produce pyruvate or lactate.

- i. Both statements and reason are correct and reason is the correct explanation for the statement.
- ii. Statement is correct but reason is incorrect
- iii. Statement is incorrect but the facts gives in reason are correct.
- iv. Both statement and reason are incorrect.

A:-i

B:-ii

C:-iii

D:-iv

Correct Answer:- Option-A

Question9:-Which of the following statements are NOT TRUE regarding ketone bodies?

- i. Acetate, acetocetate and beta hydroxyl butyrate are the three ketone bodies.
- ii. In all animals including cattle ketone bodies can be synthesized in the liver only.
- iii. Rothera's test can be used detect ketone bodies in urine.
- iv. Spoilt silage can cause ketosis in cattle.

A:-i and ii

B:-ii and iv

C:-iii and iv

D:-i and iv

Correct Answer:- Option-A

Question10:-When fused with the plasma membrane (PM), lipids located in the inner leaflet of the vesicles formed from the trans Golgi can be seen in

A:-Inner leaflet of PM

B:-Outer leaflet of PM

C:-Equally in both leaflets of PM

D:-Cannot be predicted

Correct Answer:- Option-B

Question11:-Which one of the following statement(s) are correct regarding Crossbred cattle in India?

- i. The population of the total Exotic/ Crossbred cattle has increased by about 30% as per the latest census.
- ii. About 30% of the total milk production in the country is contributed by crossbred cattle.
- iii. The all-India average yield of crossbred animals was 10.77 kg per animal per day in 2022-23.
- iv. The state-wise average yield of crossbred animals is highest in Kerala, making it the leading state in this category.

A:-Only i and ii

B:-Only iii and iv

C:-Only iv

D:-All of the above i, ii, iii and iv

Correct Answer:- Option-A

Question12:-Which of the following statements is/are correct regarding the characteristic features of buffaloes compared to cattle?

- i. The skin is 2-3 times thicker than cattle.
- ii. The hair density is about 1/10th of cattle.

- iii. Sweat glands are more in number in buffaloes.
- iv. Digestion of fibre is comparatively more in buffaloes

A:-Only i

B:-Only ii

C:-Only iii and iv

D:-Only i, ii and iv

Correct Answer:- Option-D

Question13:-Which of the following is NOT an advantage(s) of the tail-to-tail system of housing cattle?

- i. Easy milking and cleaning.
- ii. Animals can get more fresh air from outside the house
- iii. Chance of disease transmission is less
- iv. Feeding of the animals is very easy

A:-All of the above (i, ii, iii, iv)

B:-Only iv

C:-Only iii

D:-Only i, ii and iii

Correct Answer:- Option-B

Question14:-Identify the correctly matched pair(s).

- i. Kankrej-lyre shaped horns.
- ii. Gir-half-moon appearance of horns
- iii. Surti-sickle shaped horns
- iv. Nagpuri-sword shaped horns

A:-Only iii and iv

B:-Only iii

C:-Only i and iii

D:-All of the above (i, ii, iii and iv)

Correct Answer:- Option-D

Question15:-Which of the following are risk factors for nutritional anemia in piglets?

- i. Inefficient placental transfer of iron from sows to piglets.
- ii. Inefficient transfer of iron into mother's milk.
- iii. Rearing on concrete floors, resulting in poor access to soil.
- iv. High growth rate in piglets.
- v. Inherent defect in iron metabolism in piglets.

A:-Only i, ii iii

B:-Only ii and iii

C:-Only i, ii, iii and iv

D:-All of the above (i, ii, iii, iv and v)

Correct Answer:- Option-C

Question16:-Assertion (A) : Fodder maize should be cut at the tasseling to the wax-ripe stage for use as green fodder.

Reason (R) : The crude protein content of maize is maximum at the tasseling to wax-ripe stage.

A:-Both A and R are true and R is the correct explanation of A

B:-Both A and R are true, but R is not the correct explanation of A

C:-A is true, but R is false

D:-A is false, but R is true

Correct Answer:- Option-A

Question17:-Identify the incorrectly matched pair(s)

- i. Black Bengal - the most prolific breed of goat
- ii. Garole - prolific breed of sheep
- iii. Barbari - prolific and non-seasonal breed of goat
- iv. Chokla - fine carpet quality fleece

A:-Only iv

B:-Only ii

C:-Only iii and iv

D:-None of the above (i, ii, iii and iv)

Correct Answer:- Option-D

Question18:-Analyse the following statements regarding the management of layer chickens under Phase I of production and identify which one(s) is/are incorrect:

- i. Spiking is essential to maintain optimum productivity.
- ii. A photo period of 14-16 hours is required for maximum egg production.
- iii. Minimum 2.5% calcium should be in the layer feed.

A:-Only i

B:-Only ii

C:-Only i and iii

D:-Only i and ii

Correct Answer:- Option-C

Question19:-Which statement(s) is/are true about the nutritional management of poultry?

- i. Vitamin A deficiency can lead to the formation of blood spots in eggs.
- ii. Protein deficiency can result in pecking/cannibalism.
- iii. Riboflavin deficiency results in curled toe paralysis.
- iv. Star gazing condition is due to ascorbic acid deficiency.

A:-Only i, ii, iii

B:-Only ii, iii

C:-Only i, iii, iv

D:-Only i, ii, iv

Correct Answer:- Option-A

Question20:-Which of the following statements is incorrect about the Animal Welfare Board of India?

A:-Established under Section 4 of the prevention of Cruelty to Animals Act

B:-It was started under the stewardship of Smt. Maneka Gandhi

C:-It provide grants to Animal Welfare Organizations

D:-The Board consists of 28 members including 6 members of Parliament

Correct Answer:- Option-B

Question21:-A farmer reports reduced weight gain and poor feed conversion in his herd of cattle. Upon clinical examination, you find submandibular oedema, pale mucous membranes and weakness. On faecal sample examination, strongyle ova (+++++) could be detected. Based on this information, which is the most likely causative parasite?

A:-*Fasciola hepatica*

B:-*Haemonchus contortus*

C:-*Trichostrongylus axei*

D:-*Ostertagia ostertagi*

Correct Answer:- Option-B

Question22:-Solenophagy is a type of feeding seen in

A:-Mosquitoes

B:-Kissing bugs

C:-Both 1 and 2

D:-None of the above

Correct Answer:- Option-C

Question23:-Gid is caused by the larval stages of

A:-*T. multiceps*

B:-*Taenia solium*

C:-*T. saginata*

D:-*Oestrus ovis*

Correct Answer:- Option-A

Question24:-Autoinfection is seen in

A:-*Cryptosporidium*

B:-*Taenia solium*

C:-Both 1 and 2

D:-None of the above

Correct Answer:- Option-C

Question25:-Infection with ascarids is not seen in

A:-Cattle

B:-Goat

C:-Dogs

D:-Poultry

Correct Answer:- Option-B

Question26:-Pouched amphistomes, a group of parasitic trematodes found in cattle, exhibit distinct morphological and biological features. Which of the following statements is NOT true regarding their life cycle, pathology or control?

A:-Pouched amphistomes primarily inhabit the rumen and reticulum of cattle, attaching via their ventral sucker

B:-The intermediate host for pouched amphistomes is typically a freshwater gastropod

C:-Clinical signs in infected cattle include acute hemorrhagic gastroenteritis during the juvenile migration phase

D:-Effective control of pouched amphistomes relies solely on the use of broad-spectrum anthelmintics targeting adult stages in host

Correct Answer:- Option-D

Question27:-Which of the following statements about *Dirofilaria* species and their significance in veterinary and zoonotic parasitology is correct?

A:-*Dirofilaria immitis* primarily causes pulmonary infections in dogs and humans, with dogs serving as dead-end hosts in the lifecycle

B:-*Dirofilaria repens* commonly causes subcutaneous infections in dogs and zoonotic infections in humans, with mosquitoes serving as biological vectors.

C:-*Dirofilaria* spp. infections in both dogs and humans occur via direct contact with infected animals or their secretions

D:-*Dirofilaria immitis* infection in dogs is zoonotically transmitted to humans through ingestion of infected mosquitoes

Correct Answer:- Option-B

Question28:-Choose the correct statement/statements on lumpy skin disease (LSD)

i. Buffaloes are reservoir host for LSD virus.

ii. Sheep pox, goat pox and LSD viruses are serologically distinguishable

iii. Moth eaten appearance on the monolayer cell culture is characteristic CPE of LSD virus.

iv. Local skin reaction at the vaccination site (skin nodules) and a temporal reduction of the milk yield is referred to as "Neethling disease" or "Neethling response".

A:-i, ii and iii are correct; iv is wrong

B:-i, ii and iv are correct, ii is wrong

C:-all the statements are correct

D:-i and ii are correct; ii and iv are wrong

Correct Answer:- Option-B

Question29:-Among the following diagnostic tests, the results of which one can be visualized by ordinary light microscopy?

A:-Fluorescent antibody technique

B:-Indirect ELISA

C:-Western blotting

D:-Immunohistochemistry

Correct Answer:- Option-D

Question30:-In order to apply for a patent, an inventor must

A:-File an application at a patent office which must comply with formal and technical requirements

B:-Draft the full specification of the patent they seek, which cannot be later amended

C:-Demonstrate that their invention works

D:-State the date on which the invention was first "reduced to practice"

Correct Answer:- Option-A

Question31:-Wood's lamp technique can be employed for the diagnosis of

A:-*Cryptococcus neoformans*

B:-*Histoplasma capsulatum*

C:-*Aspergillus niger*

D:-*Microsporum canis*

Correct Answer:- Option-D

Question32:-Identify the mismatched statement on microbial biotechnology

A:-Technique	Purpose / reagent used
DNA sequencing	Maxam-Gilbert chain termination method

B:-Technique	Purpose / reagent used
mRNA extraction	Trizol reagent

C:-Technique	Purpose / reagent used
Competence	CaCl ₂

D:-Technique	Purpose / reagent used
Blue white screening	X-gel

Correct Answer:- Option-A

Question33:-Identify the incorrect statement on Avian influenza (AI)/AI virus

A:-It is a negative sense RNA virus, enveloped, cubical symmetry, consist of segmented genome (7-8 segments)

B:-Antigenic drift : influenza virus undergoes point mutation and evolve as new virus

C:-Antigen shift : when pig is affected by both avian influenza and human influenza due to segmented genome genetic reassortment take place, new influenza virus sub type is evolved

D:-H and N are the immunodominant proteins which plays major role in antigenicity. Fusion proteins are absent for influenza virus when compared with *Paramyxoviridae*

Correct Answer:- Option-A

Question34:-The region located between the hypervariable regions of the variable

domains of immunoglobulins are called

A:-Hinge region

B:-Frame work region

C:-Ubiquitin region

D:-Epitope

Correct Answer:- Option-B

Question35:-Rabies is a fatal zoonotic disease causing _____ in brain.

A:-Suppurative encephalitis

B:-Acute meningoencephalitis

C:-Chronic lymphomonocytic perivascular inflammation

D:-Chronic fibrino-haemorrhagic encephalitis

Correct Answer:- Option-C

Question36:-The exact sequence of events in acute cell swelling caused by hypoxia is

1. Deficiency of O₂

2. Decrease oxidative phosphorylation and ATP

3. Failure Na^+K^+ pump

4. Increased glycolysis, increased intracellular lactate and depletion of glycogen stores

A:-1, 3, 2, 4

B:-1, 2, 4, 3

C:-1, 3, 4, 2

D:-1, 4, 3, 2

Correct Answer:- Option-B

Question37:-Which of the following sentence is/are correct about Metaplasia?

i. Metaplasia is often but not always an adaptive change to withstand adverse environmental conditions

ii. Metaplasia is irreversible even if the cause is removed

A:-Only i

B:-Both i and ii

C:-Only ii

D:-Both are incorrect

Correct Answer:- Option-A

Question38:-Which of the following reasons is the most appropriate for the statement given below?

Statement : Anthrax cases are not normally necropsied

Reason :

i. Anthrax affected animals show no lesions, so necropsy will not reveal any clue regarding cause of death.

ii. Since it is zoonotic the individuals may contract the disease while touching the

affecting carcass.

iii. Since it is zoonotic, the organisms directly enter the respiratory tract of the individual conducting necropsy.

iv. Since the necropsy will enhance sporulation or exposure to air the resistant bacterial spores can contaminate the environment.

A:-i

B:-iv

C:-ii

D:-iii

Correct Answer:- Option-B

Question39:-Statement No. 1 : African swine fever is more severe compared to classical swine fever.

Statement No. 2 : It is difficult to differentiate between the two diseases from the gross lesions alone.

A:-Both statement are correct

B:-Only statement 1 is correct

C:-Both statement are incorrect

D:-Only statement 2 is correct

Correct Answer:- Option-A

Question40:-Anaemia in Theileriosis is caused by

A:-Erythroid hypoplasia by merozoites

B:-Immune mediated haemolysis

C:-Mechanical fragmentation

D:-All the above

Correct Answer:- Option-D

Question41:-Four types of *C. Botulimum* toxins that affects man are

A:-A, B, C, D

B:-A, C, D, E

C:-B,D, E, F

D:-A, B, E, F

Correct Answer:- Option-D

Question42:-Detection and treatment of diseases promptly, in order to prolong life is

A:-Primary prevention

B:-Tertiary prevention

C:-Secondary prevention

D:-Quaternary prevention

Correct Answer:- Option-C

Question43:-Which among the following is indicative of bacterial density in milk?

A:-LAL test

B:-Pyruvate test

C:-Alcohol test

D:-Sediment test

Correct Answer:- Option-B

Question44:-Which of the following reagents could detect bruising in animals?

A:-Purple GL

B:-Malachite green

C:-Trichloroacetic acid

D:-Trimethyl amine

Correct Answer:- Option-C

Question45:-Introduction of genetically engineered microbe to metabolise contaminants in the soil is called

A:-Phytoextraction

B:-Phytoremediation

C:-Bioaugmentation

D:-Bioaccumilation

Correct Answer:- Option-C

Question46:-Dysgonic fermenter is used as synonym for

A:-Cat scratch disease

B:-Avian influenza

C:-Japanese encephalitis

D:-Capnocytophagacanimorsus

Correct Answer:- Option-D

Question47:-An obligate intracellular coccobacillus occurs in huge concentration in placenta causing abortion in infected cattle

A:-Leptospira

B:-Brucella

C:-Coxiella

D:-Toxoplasma

Correct Answer:- Option-C

Question48:-ISO standards which enables organization to put in place a food safety management system that helps them improve their overall performance when its comes to food safety

A:-ISO 22000

B:-ISO 14000

C:-ISO 17025

D:-ISO 9001

Correct Answer:- Option-A

Question49:-Ringa-ringa roses - the popular nursery rhyme portrays the disease

A:-Lyme

B:-Yellow fever

C:-Plague

D:-West-Nile fever

Correct Answer:- Option-C

Question50:-_____ is called the father of White revolution.

A:-Varghese Kurien

B:-Bryan Guy

C:-John Whitelock

D:-M.S. Swaminathan

Correct Answer:- Option-A

Question51:-Which measure of central tendency is the most affected by extreme values?

A:-Mean

B:-Median

C:-Mode

D:-Range

Correct Answer:- Option-A

Question52:-What is the role of DNA polymerase in DNA replication?

A:-Unwinding DNA strands

B:-Synthesizing new DNA strands

C:-Joining Okazaki fragments

D:-Adding RNA primers

Correct Answer:- Option-B

Question53:-In a population at Hardy-Weinberg equilibrium, the frequency of the dominant allele (A) in a bi-allelic locus is 0.7. What is the expected frequency of heterozygotes (Aa)?

A:-0.21

B:-0.49

C:-0.42

D:-0.09

Correct Answer:- Option-C

Question54:-What does heritability estimate indicate in quantitative genetics?

A:-The proportion of phenotypic variation explained by environmental factors

B:-The proportion of phenotypic variation due to additive genetic variance

C:-The total genetic contribution to a trait

D:-The influence of dominance and epistasis on a trait

Correct Answer:- Option-B

Question55:-What is the primary consequence of inbreeding in animal populations?

A:-Increased genetic diversity

B:-Reduced occurrence of recessive genetic disorders

C:-Increased homozygosity and expression of deleterious traits

D:-Heterosis

Correct Answer:- Option-C

Question56:-As per the current breeding policy for buffaloes in Kerala, which of the following breed is used for grading-up?

A:-Nili-Ravi

B:-Mehsana

C:-Murrah

D:-Bhadawari

Correct Answer:- Option-C

Question57:-The biotechnological tool used to produce sex-sorted semen is

A:-Flow cytometry

B:-Cloning

C:-PCR

D:-FISH

Correct Answer:- Option-A

Question58:-Which of the following basis of selection is the most suitable for improving traits with high heritability, in livestock?

A:-Pedigree selection

B:-Progeny testing

C:-Individual selection

D:-None of the above

Correct Answer:- Option-C

Question59:-What does gene frequency refer to in a population?

A:-The total number of alleles present in a population

B:-The proportion of a specific allele of a gene, compared to the total number of alleles for that gene, present in a population

C:-The rate at which new genes are introduced into a population

D:-The occurrence of dominant alleles only

Correct Answer:- Option-B

Question60:-Robertsonian translocation in cattle involves

A:-The exchange of genetic material between two homologous chromosomes

B:-The fusion of two acrocentric chromosomes at their centromeres

C:-The duplication of a chromosome's short arm

D:-The breaking and reintegration of a chromosomal segment on the same chromosome

Correct Answer:- Option-B

Question61:-The term 'static fetal cadavers' denotes

A:-Macerated fetus in sheep

B:-Mummified fetus in cattle

C:-Hydrocephalus fetus in goat

D:-Ascites fetus in dog

Correct Answer:- Option-B

Question62:-Lunaas test for pregnancy diagnosis in mare detects

A:-The presence of pregnant mare gonadotrophin produced by endometrial cups in serum

B:-The presence of estrogen in urine

C:-The presence of progesterone produced by placenta in serum

D:-The presence of progesterone produced by accessory corpus luteum in serum

Correct Answer:- Option-B

Question63:-The placenta with green border is seen in

A:-Bovines

B:-Caprines

C:-Porine

D:-Canines

Correct Answer:- Option-D

Question64:-Statement 1 : Interferon tau is produced by trophoblastic cells of blastocyst in cow.

Statement 2 : Interferon tau inhibit the production of oxytocin receptors in endometrium so that maternal recognition of pregnancy occurs.

A:-Statement 1 is correct and statement 2 is wrong

B:-Statement 1 is wrong and statement 2 is correct

C:-Both the statements are correct

D:-Both are statements are wrong

Correct Answer:- Option-C

Question65:-Select the correct answer

- i. The longest stage of oestrous cycle in cattle is diestrum.
- ii. The estrum is well defined in bovines
- iii. The maternal recognition of pregnancy occurs during metestrus in bovines.
- iv. The proestrus is well defined with stringy mucus discharge in bovines

A:-Statement i and ii are correct, iii and iv are wrong

B:-Statement i and iii are correct, ii and iv are wrong

C:-Statement i, ii and iii are correct, v is wrong

D:-All the statements are correct

Correct Answer:- Option-A

Question66:-The most accurate method to diagnose freemartin in cow is

A:-Prominent clitoris

B:-Inserting blunt probe into birth canal to detect vagina length

C:-Demonstration of sex chromosome chimerism in lymphocytes

D:-Rectal examination to palpate the reproductive organs

Correct Answer:- Option-C

Question67:-Select the mutation operation(s) in bovines

- i. Repulsion
- ii. Rotation
- iii. Version
- iv. Traction

A:-i only correct

B:-i and ii only correct

C:-i, ii and iii only correct

D:-All are correct

Correct Answer:- Option-C

Question68:-Most mycotic abortions occurs during _____ in cows.

A:-1-3rd months of gestation

B:-5-7th month of gestation

C:-7-9 month of gestation

D:-At any stage of gestation

Correct Answer:- Option-B

Question69:-Select the correct statement

- i. The postpartum discharge in farm animals is also called as 'secundus'.
- ii. The primipara usually voids more postpartum discharge than pluripara.
- iii. The normal colour of postpartum discharge is greenish yellow.
- iv. Normal postpartum discharge has to odour

A:-i and ii are correct

B:-i and iv are correct

C:-i, ii and iii are correct

D:-All are correct

Correct Answer:- Option-B

Question70:-The ovarian bursa is filled with fat in

A:-Bitch

B:-Queen cat

C:-Doe

D:-Mare

Correct Answer:- Option-A

Question71:-Causative agent of the disease Psittacine beak and feather disease (PFBD) in exotic birds is

A:-Bacteria

B:-Virus

C:-Protozoa

D:-Climate change

Correct Answer:- Option-B

Question72:-Tactile percussion is an important physical examination method used in diagnosis of which disease condition in dogs?

A:-Congestive heart failure

B:-Chronic kidney disease

C:-Seizures

D:-Ascites

Correct Answer:- Option-D

Question73:-Polioencephalomalacia in goats characterised by nystagmus, muscle tremor and loss of appetite is due to deficiency of

A:-Zinc

B:-Calcium

C:-Thiamine

D:-Mangnaese

Correct Answer:- Option-C

Question74:-Intentionally giving false evidence in judicial proceedings is punishable under which section?

A:-IPC Section 193

B:-IPC Section 377

C:-IPC Section 271

D:-IPC Section 415

Correct Answer:- Option-A

Question75:-Intracytoplasmic eosinophilic inclusion bodies seen in pyramidal cells of

the hippocampus and Purkinje cells of the cerebellum known as Nigri body is associated with which of the following disease?

A:-Ephemeral fever

B:-Rabies

C:-Theileriosis

D:-Canine Parvo disease

Correct Answer:- Option-B

Question76:-Which among the following is **incorrect** about carbamate insecticide poisoning in animals?

i. Carbamates are reversible inhibitors of acetylcholine esterase.

ii. Oximes are contraindicated in the treatment of carbamate poisoning.

iii. Atropine and oximes are antidotes for the treatment of carbamate poisoning.

A:-i and ii

B:-ii only

C:-i and iii

D:-iii only

Correct Answer:- Option-D

Question77:-Aminoglycoside antibiotics produce following adverse effects

A:-Ototoxicity

B:-Nephrotoxicity

C:-Neurotoxicity

D:-All the above

Correct Answer:- Option-D

Question78:-Which among the following is a proton pump inhibitor that can be used in antiulcer treatment?

A:-Misoprostol

B:-Omeprazole

C:-Pirenzepine

D:-Famotidine

Correct Answer:- Option-B

Question79:-N-Methyl-D-aspartate receptor antagonist which is used to produce dissociative anaesthesia in animals?

A:-Methohexital

B:-Etomidate

C:-Ketamine

D:-Midazolam

Correct Answer:- Option-C

Question80:-The phase II drug conjugation enzymes which is deficient in cats is

A:-Glucuronyl transferase

B:-Sulphotransferase

C:-Methyl transferase

D:-Acetyl transferase

Correct Answer:- Option-A

Question81:-Which of the following statement is/are correct about Panchayath Raj in India?

i. Democratic Decentralization was recommended in 1957 by the committee led by Balvantray G Mehta.

ii. 73rd constitutional amendment laid Panchayati Raj on firm footing

iii. Gram Sabha is an assembly of elected ward members of gram panchayath

A:-Only ii and iii

B:-Only i and iii

C:-Only i and ii

D:-All the above

Correct Answer:- Option-C

Question82:-Which of the following statement is/are false about Rashtriya Gokul Mission?

i. Sex-sorted semen technology and genomic selection are not recommended under RGM.

ii. Government veterinary universities are included as implementing agencies under RGM.

iii. RGM is a sub-scheme of NLM

A:-Only ii and iii

B:-Only i and iii

C:-Only i and ii

D:-All the above

Correct Answer:- Option-B

Question83:-Which of the following statement is/are correct about MSME?

i. In case of medium enterprises, investment in plant and machinery or equipment is not more than Rs. 50 crore and annual turnover is not more than Rs. 100 crore.

ii. In case of small enterprises, investment in plant and machinery or equipment is not more than Rs. 10 crore and annual turnover is not more than Rs. 50 crore.

iii. In case microenterprises, investment in plant and machinery or equipment is not more than Rs. 1 crore and annual turnover is not more than Rs. 5 crore.

A:-Only ii and iii

B:-Only i and iii

C:-Only i and ii

D:-All the above

Correct Answer:- Option-A

Question84:-Which of the following statement is/are false about Mahila Kisan Sashaktikaran Pariyojana?

- i. Mahila Kisan Sashaktikaran Pariyojana (MKSP) is a sub-schemes of Rastriya Krishi Vikas Yojana (RKVY).
- ii. MKSP was launched by the union ministry of fisheries, animal husbandry and dairying.
- iii. MKSP is a sub-schemes of DAY-NRLM.

A:-Only i and iii

B:-Only ii and iii

C:-Only i and ii

D:-All the above

Correct Answer:- Option-C

Question85:-Which of the following statement is/are false about 20th livestock census?

- i. Pig population in the state showed an increase of 86.19% over previous census.
- ii. Livestock population in Kerala showed an increase of 4.8% over previous census.
- iii. Buffalo population has shown a decrease of 1.06% over the previous census.

A:-Only ii and iii

B:-Only i and iii

C:-Only i and ii

D:-All the above

Correct Answer:- Option-A

Question86:-The critical level of bacterial load resulting in wound infection is

A:- 10^5 bacteria/gram of tissue

B:- 10^4 bacteria/ gram of tissue

C:- 10^3 bacteria/gram of tissue

D:- 10^1 bacteria/gram of tissue

Correct Answer:- Option-A

Question87:-The most severe form of peripheral nerve damage is called as

A:-Neurotmesis

B:-Neurapraxia

C:-Axonotmesis

D:-Myelomalacia

Correct Answer:- Option-A

Question88:-In dogs the risk of mammary tumour can be reduced if ovariectomy is performed

A:-Three years after the first oestrus

B:-Before the first oestrus

C:-First year after the first oestrus

D:-Second year after the first oestrus

Correct Answer:- Option-B

Question89:-The prophylactic antibiotics are used

- A:-Orally for 2 days prior to elective surgery
- B:-Orally for 7 days following urinary bladder surgery
- C:-Immediately prior to prolonged surgery
- D:-To treat dirty wounds

Correct Answer:- Option-C

Question90:-The best suitable suture material for intraoral tissue closure after maxillary / mandibular surgery.

- A:-Silk
- B:-Plain catgut
- C:-Chromic catgut
- D:-Polydiaxanone

Correct Answer:- Option-D

Question91:-The two characteristics of second intention wound healing are

- A:-Epithelialisation and skin contraction
- B:-Persistent inflammation and wound damage
- C:-Tissue necrosis and granulation tissue formation
- D:-Fibrosis resulting in cartilage formation

Correct Answer:- Option-A

Question92:-The commonly tranquilizer in veterinary practice is

- A:-Acepromazine
- B:-Glycopyrrolate
- C:-Atropine
- D:-Flunixin meglumine

Correct Answer:- Option-A

Question93:-During total ear canal ablation in dogs the nerve to be avoided is

- A:-Trigeminal nerve
- B:-Facial nerve
- C:-Hypoglossal nerve
- D:-Lingual nerve

Correct Answer:- Option-B

Question94:-The resection of portion of skull without replacement is termed as

- A:-Laminectomy
- B:-Durotomy
- C:-Craniotomy
- D:-Craniectomy

Correct Answer:- Option-D

Question95:-The premature closure of distal ulnar physis due to trauma results in

A:-Caudal displacement of the carpus

B:-Lateral deviation of the carpus

C:-Internal rotation of the carpus

D:-Medial deviation of the carpus

Correct Answer:- Option-B

Question96:-Which of the following breeds of pig are highly susceptible to the effects of stress?

i. Poland China

ii. Pietrain.

iii. Large white Yorkshire

A:-i only

B:-iii only

C:-i and ii only

D:-ii and iii only

Correct Answer:- Option-C

Question97:-Which of the following proteolytic enzymes are of plant origin?

i. Papain.

ii. Calpain

iii. Ficin

iv. cathepsin

A:-i and ii

B:-ii and iii

C:-i and iii

D:-ii and iv

Correct Answer:- Option-C

Question98:-Isinglass is the gelatine obtained from

A:-Ox bladder

B:-Fish bladder

C:-Deer bladder

D:-Sheep bladder

Correct Answer:- Option-B

Question99:-Egg shell powder is rich in

A:-Calcium carbonate

B:-Calcium hydroxide

C:-calcium oxide

D:-Calcium chloride

Correct Answer:- Option-A

Question100:-In smoking of meat and meat products, the wood used produces the smoke by following the process called

A:-Hydrolysis

B:-Thermolysis

C:-Pyrolysis

D:-Electrolysis

Correct Answer:- Option-C