

Veterinary Assistant Surgeon Exam - 2018

(Final Answer Key)

Animal Husbandry and Veterinary Science

Q.No: 1	Pica, characterized by abnormal appetite and chewing of woods, bones, rags and other foreign materials indicate the deficiency of
A	P
B	Mg
C	Na
D	Ca
Q.No: 2	In which animal, anemia can occur when they are housed in pens without access to soil
A	Calves
B	Lambs
C	Piglets
D	Chicks
Q.No: 3	Flushing is practiced
A	Before breeding
B	After parturition
C	For maintenance
D	During growth
Q.No: 4	Silage is
A	Fresh chopped fodder
B	Fodder fermented under controlled condition
C	Dried fodder
D	Preserved grains
Q.No: 5	Curled toe paralysis in poultry is caused due to deficiency of
A	Riboflavin
B	Vitamin E
C	Vitamin C
D	Niacin
Q.No: 6	Urea toxicity occurs when blood ammonia level exceed :
A	01 mg / 100 ml
B	10 mg /100 ml
C	20 mg /100 ml

D	30 mg / 100 ml
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Q.No: 7	Which of the following is commonly called as animal starch ?
A	Glucose
B	Glycogen
C	VFAs
D	Fructose

Q.No: 8	The tallest breed of sheep in India is
A	Nellore
B	Mandya
C	Chokla
D	Shabadi

Q.No: 9	If in an animal population, frequency of homozygous recessives is twice the frequency of heterozygote, What will be the frequency of recessive allele?
A	0.2
B	0.4
C	0.6
D	0.8

Q.No: 10	Progeny testing in dairy cattle is used to evaluate
A	Performance of progeny
B	Sire's breeding worth
C	Young male's own performance
D	None of these

Q.No: 11	The following is required for constructing selection index
A	Relative economic value for each trait
B	Genetic & Phenotypic variance of each trait
C	Genetic & phenotypic covariance among each trait
D	All of the these

Q.No: 12	The breeding tract of Kenkatha breed of cattle encompasses the states of
A	Karnataka and Tamilnadu
B	Karnataka and Maharashtra
C	Central India and Uttar Pradesh
D	Central India and Chhattisgarh

Q.No: 13	Individual selection is
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A	Based on individual's phenotypic value
B	Effective when heritability is high
C	Mass selection
D	All of these

Q.No: 14	Egg production in poultry is inherited as a
A	Sex limited trait
B	Polygenic trait
C	Both (Sex limited trait) and (Polygenic trait)
D	None of these

Q.No: 15	"Wildlife Protection Act" was launched in the year
A	1962
B	1972
C	1982
D	2002

Q.No: 16	The Project Tiger was initiated in the year
A	1953
B	1963
C	1973
D	1983

Q.No: 17	The term kindling is used for
A	Candling for sexing
B	Delivery of rabbit
C	Kind handling of rabbit
D	Act of delivery in goats

Q.No: 18	Most beautiful dairy cattle is
A	HF
B	Jersey
C	Ayrshire
D	Brown Swiss

Q.No: 19	The Yak is considered to be fully grown at the age of (years)
A	1-2
B	2-3
C	3-5
D	6-8

Q.No: 20	The training can be started in Bullocks at the age of
A	6 months to 1 year
B	2 to 3 years
C	4 to 5 years
D	Depends upon breed
Q.No: 21	As per BIS standard, the floor space requirement (m ²) for covered area for bull is
A	6
B	8
C	10
D	12
Q.No: 22	The Highest quality bacon in the World is produced by
A	Tamworth
B	Duroc
C	Landrace
D	Chester white
Q.No: 23	Castrated male of cattle is Known as
A	Steer
B	Wether
C	Barrow
D	Geld
Q.No: 24	Curled leaf appearance of ear is a characteristic of
A	Red Sindhi
B	Tharparkar
C	Sahiwal
D	Gir
Q.No: 25	In poultry true stomach is
A	Gizzard
B	Proventriculus
C	Crop
D	Abomasum
Q.No: 26	Hybrid of Jack and Mare is known as
A	Mule

B	Ass
C	Hinny
D	None

Q.No: 27	The following is not developed in new born calf
A	Rumen
B	Liver
C	Omasum
D	Abomasum

Q.No: 28	The following breed is the native of Gujarat :
A	Malvi
B	Nimari
C	Kenkatha
D	Kankrej

Q.No: 29	Method of cross breeding is/are
A	Criss Crossing
B	Triple Crossing
C	Back Crossing
D	All of these

Q.No: 30	Which of the following mineral has the non-specific antioxidant activity?
A	Potassium
B	Calcium
C	Nickel
D	Selenium

Q.No: 31	Lactobacillus bacteria are used as
A	antibiotic growth promoters
B	acidifiers
C	Probiotics
D	Prebiotics

Q.No: 32	Brooding temperature during first week should be.
A	25°c
B	35°c
C	45°c
D	All of these

Q.No: 33	The Longest portion of oviduct is
A	Isthmus
B	Magnum
C	Uterus
D	None of these
Q.No: 34	An egg spends 0.25 hour in
A	Infundibulum
B	Magnum
C	Shell gland
D	None
Q.No: 35	Crazy chick disease occurs in chicks due to deficiency of
A	Vitamin B
B	Vitamin C
C	Vitamin D
D	Vitamin E
Q.No: 36	The moulting order in laying hen is :
A	Head, neck, breast, body, wings & tail
B	Tail, wings, body, breast, neck & head
C	Body, breast, wings, tail & head
D	Wings, breast, body, tail, Head
Q.No: 37	The weight of the birds has to be controlled to
A	Prevent fat accumulation
B	To get better egg production
C	To get higher percentage of fertility
D	All of these
Q.No: 38	Exposure of eggs to extremely high temperature (46-49° c) during incubation results into
A	Shortest incubation time
B	Production of smaller chicks
C	Death of all embryos
D	Poor hatchability
Q.No: 39	Following is not a mycotic disease of poultry
A	Aspergillosis

B	Favus
C	Thrush
D	Limber neck
Q.No: 40	The National Commission on Agriculture (1976) refers to extensions is a/an
A	Out of school education
B	Formal education
C	Farm family education
D	Informal Education
Q.No: 41	Organising village scouts called Brati Batika is associated with:
A	Gurgaon Experiment
B	Shantiniketan
C	Marthandom project
D	Etawah pilot project
Q.No: 42	Educational psychology is a/an:
A	Positive science
B	Normative science
C	Autonomous science
D	Applied science
Q.No: 43	TRYSEM is facilitating component of the :
A	IADP
B	NDDB
C	ICDP
D	IRDP
Q.No: 44	Caste system and class system represents basic forms of :
A	Social Interactions
B	Socialization
C	Social system
D	Social stratification
Q.No: 45	In Extension education audience is :
A	Homogeneous
B	Heterogeneous
C	Taught directly by the teacher
D	Diversified

Q.No: 46	It is the degree to which a communication source is perceived as trustworthy and competent by the receiver is known as :
A	Empathy
B	Fidelity
C	Credibility
D	Interaction
Q.No: 47	One of best programme of the extension in which actual things, practices can demonstrate or explained easily and successfully:
A	Exhibition
B	Tours
C	Farm visit
D	Demonstration
Q.No: 48	According to Leagans (1961), behavior refers to :
A	Knowledge
B	Skills
C	Attitude & Action
D	All of these
Q.No: 49	Method of determining the suitability of a new practice in farmer situation is :
A	Group discussion
B	Training
C	Minikit trial
D	Demonstration
Q.No: 50	Which one of the following methods is not suitable for the development of butter granules in cultured buttermilk?
A	Adding salt in finished product
B	Churning of cultured cream
C	Passing hot butter oil through a screen into cold butter oil
D	Adding cream in cultured skim milk while breaking up the curd
Q.No: 51	Lal dahi is also known as
A	Soft curd
B	Dahi Kusum
C	Colostrum curd
D	Sweetened dahi

Q.No: 52	Cheese made from skim milk is termed as
A	Gauda cheese
B	Sapsago cheese
C	Cheddar cheese
D	Cottage cheese

Q.No: 53	What is freezing point of milk
A	0° c
B	-0.55° c
C	-1.55° c
D	-1° c

Q.No: 54	Milk is an emulsion of
A	Oil-in-Water
B	Water-in-Oil
C	Oil-in-Oil
D	Oil-in-Starch

Q.No: 55	The "eyes" in swiss cheese are formed by the growth of
A	<i>Leuconostoc</i>
B	<i>Propionibacterium</i>
C	<i>Streptococcus</i>
D	<i>Lactobacillus</i>

Q.No: 56	The lactose content of cow milk is
A	4.9%
B	3.8%
C	6.1%
D	5.8%

Q.No: 57	The recommended storage temperature for ghee is
A	1° c
B	11° c
C	21° c
D	31° c

Q.No: 58	Maximum score is given for one of the following while judging and grading of milk
A	Temperature
B	Flavour

C	Sediment
D	Bacteria
Q.No: 59	Following is not a milk bacterial born disease
A	Brucellosis
B	Campylo bacteriosis
C	Mastitis
D	Aflatoxicosis
Q.No: 60	A systemetic inspection of carcasses should be initiated in the following order
A	Kidney, spleen, uterus
B	Udder, tester, and spleen
C	Head, lungs, heart liver and so on
D	Esophagus, intensive, stomach
Q.No: 61	The bacterial count of milk varies between
A	500-1000/ml
B	1100-1500/ml
C	1500-2000/ml
D	2000-2500/ml
Q.No: 62	The number of new cases that occur in a known population over a specified period of time is known as
A	Incidence
B	Cumulative incidence
C	Prevalence
D	Incidence rate
Q.No: 63	Pigs act as
A	Amplifier host
B	Link host
C	Both (Amplifier host) and (Link host)
D	None of these
Q.No: 64	Causative agent of plague is
A	<i>Yesinia enterocolitica</i>
B	<i>Pasteurella multocida</i>
C	<i>Yesinia pestis</i>
D	<i>Bacillus anthracis</i>

Q.No: 65	The following is not a method of cremation-
A	Cross trench method
B	Surface burning
C	Bostock pit method
D	Composting
Q.No: 66	Koch's postulates are given by-
A	Louis Pasteure
B	Robert Koch
C	D'mitri Ivanovsky
D	Edward Jenner
Q.No: 67	The viral infection which is zoonotic in nature and invariably fatal is
A	Brucellosis
B	Mastitis
C	Rabies
D	None of these
Q.No: 68	The bovine abortion is caused by-
A	Listeriosis
B	Brucellosis
C	Campylobacteriosis
D	All of these
Q.No: 69	Segregation of animals, which are suspected to be affected with a contagious disease is termed as:
A	Quarantine
B	Isolation
C	Weaning
D	Culling
Q.No: 70	Mating of animal of two or more different breeds is known as
A	Inbreeding
B	Cross breeding
C	Spp. Hybridization
D	All of these
Q.No: 71	Piercing outlines of desired number or letter on the skin inside ears is known as
A	Tagging
B	Branding

- C **Tattooing**
- D **Microchipping**

Q.No: 72 Removing wool from sheep is termed as

- A **Clipping**
- B **Shearing**
- C **Cutting**
- D **Ringing**

Q.No: 73 The young ones of rabbit is known as

- A **Kid**
- B **Lamb**
- C **Bunny**
- D **Kitten**

Q.No: 74 Mehsana is a somewhat mixed breed, intermediate type between

- A **Nagpuri and Jafrabadi**
- B **Murrah and Surti**
- C **Murrah and Bhadawari**
- D **Nili and Ravi**

Q.No: 75 The gestation period of goat is

- A **131 days**
- B **141 days**
- C **151 days**
- D **161 days**

Q.No: 76 Which factor is deficient in hemophilic patient ?

- A **Factor VIII**
- B **Factor II**
- C **Factor X**
- D **All of these**

Q.No: 77 Metabolic acidosis occurs when there is -

- A **Severe diarrhea**
- B **Excessive vomiting**
- C **Both Severe diarrhea and Excessive vomiting**
- D **None of these**

Q.No: 78	Traumatic reticuloperitonitis is caused by :
A	Straw feeding
B	Hay feeding
C	Foreign objects
D	Infection of rumen wall
Q.No: 79	Cause of Addison's disease is :
A	Hyperadrenocorticism
B	Hypoadrenocorticism
C	Hyperthyroidism
D	Hypothyroidism
Q.No: 80	The following has inhibitory effect on the secretion of growth hormone :
A	GhRH
B	Somatostatin
C	Somatomedin
D	GnRH
Q.No: 81	Hormone, that is responsible for let down of milk.
A	Glucagon
B	Oxytocin
C	Progesteron
D	Estrogen
Q.No: 82	The rectal temperature of 41° C in dogs indicate -
A	Normal body temperature
B	Severe nervous symptoms
C	Loss of neural control of thermal regulation
D	None of these
Q.No: 83	The duration of LH surge in cattle is -
A	06-12 hrs
B	13-15 hrs
C	15-20 hrs
D	20-24 hrs
Q.No: 84	Transitional epithelium is found in the
A	Trachea
B	Urinary bladder
C	Gall bladder

D	Skin
Q.No: 85	Cell having a spherical, eccentric nucleus giving cart wheel appearance is
A	Pericyte
B	Mast cell
C	Plasma cell
D	Fat cell
Q.No: 86	Scapula of Ox is an example of
A	Flat bone
B	Long bone
C	Short bone
D	Irregular bone
Q.No: 87	In which joint of Ox cruciate ligament is found
A	Shoulder joint
B	Elbow joint
C	Stifle joint
D	Hock joint
Q.No: 88	Signet ring shaped cartilage found in the larynx of Ox is
A	Epiglottis
B	Thyroid
C	Cricoid
D	Arytenoids
Q.No: 89	Which among the following is a selective COX-2 inhibitor
A	Nimesulide
B	Nabumetone
C	Celecoxib
D	Metamizobe
Q.No: 90	Sucralfate promotes healing of duodenal ulcer by :
A	Enhancing gastric mucus and bicarbonate secretion
B	Protective layer on ulcer and preventing the action of acid-pepsin on ulcer base
C	Promote regeneration of mucosa
D	Both (Enhancing gastric mucus and bicarbonate secretion) and (Protective layer on ulcer and preventing the action of acid-pepsin on ulcer base)

Q.No: 91	Low doses of heparin causes :
A	Increase coagulation time
B	Decrease coagulation time
C	Leucocytosis
D	None of these

Q.No: 92	Bromohexine acts by
A	Inhibiting cough secretion
B	Irritating gastric mucosa and reflexly increasing bronchial secretion
C	Depolymerizing mucopolysaccharides present in sputum
D	Desensitizing stretch receptors in the lungs

Q.No: 93	Which of the following drug is an antiprogestin ?
A	Gemeprost
B	Megestrol
C	Mifepristone
D	Tamoxifen

Q.No: 94	Absorption of oral calcium preparations can be facilitated by co-administering :
A	Antacids
B	Vit. D
C	Phosphates
D	Ascorbic acid

Q.No: 95	Digitalis slows heart rate in congestive heart failure by :
A	Increasing vagal tone
B	Decreasing sympathetic overactivity
C	Direct depression of sinoatrial node
D	All of these

Q.No: 96	Local anesthetic used topically to induce anaesthesia in eye -
A	Cocaine
B	Tetracaine
C	Hexacaine
D	None of these

Q.No: 97	The Anti-fungal drug, which is an inhibitor of thymidylate synthetase is :
A	Griseofulvin
B	Natamycin
C	Flucytosine

D	Hamycin
Q.No: 98	The Antiseptic activity of Dettal is due to presence of -
A	Chlorhexidine
B	Chloroxyleneol
C	Chlorophores
D	All of these
Q.No: 99	General oedema is also known as
A	Passive oedema
B	Anasarca
C	False oedema
D	Renal oedema
Q.No: 100	The multi factorial disorder of negative energy balance is -
A	Ketosis
B	Transit tetany
C	Grass tetany
D	Eclampsia
Q.No: 101	Parturient paresis of cattle commonly seen in the deficiency of
A	Sodium
B	Potassium
C	Calcium
D	Iron
Q.No: 102	Wheat pasture poisoning is resulted due to
A	Myoglobinuria
B	Hypocalcaemia
C	Hypomagnesiumia
D	Hypoglycemia
Q.No: 103	Zinc deficiency in pigs causes keratinization of epithelial cells of skin is known as
A	Parakeratosis
B	Hyperkeratosis
C	Halitosis
D	Sialolith
Q.No: 104	Hepatitis dietetica is seen in pigs due to deficiency of

A	Iodine
B	Selenium and Vitamin E
C	Manganese
D	Cobalt

Q.No: 105	White muscle disease in calf, occurs due to deficiency of
A	Iodine
B	Selenium and Vit E
C	Copper
D	Iron

Q.No: 106	Cause of Low milk fat syndrome
A	Heigh milk Yield
B	Over weight cow
C	Diet Low in fiber
D	Mastitis

Q.No: 107	The <i>B.bigemia</i> infected adult cattle remain carrier upto :
A	2 yrs
B	3 yrs
C	5 yrs
D	7 yrs

Q.No: 108	Ivermeetin parentally effective in low doses for the treatment of <i>D.viviparous</i> in bovines
A	0.5 mg/Kg b.wt
B	0.2 mg/Kg b.wt
C	0.05 mg/Kg b.wt
D	0.1 mg/Kg b.wt

Q.No: 109	The earliest pregnancy diagnosis in cow by rectal examination can be done at
A	10 days
B	15 days
C	20 days
D	30 days

Q.No: 110	The length of oestrus cycle in ewe is
A	16-17 days
B	20-21 days
C	22-24 days

D	25-30 days
Q.No: 111	The duration of oestrus in goat is
A	8-19 hrs
B	20-35 hrs
C	48-60 hrs
D	62-72 hrs
Q.No: 112	Gestation length in pig is
A	90 days
B	114 days
C	148 days
D	160 days
Q.No: 113	The carpus leutium does not persist through out the pregnancy in
A	Pigs
B	cows
C	horses
D	Goats
Q.No: 114	The study of abnormal development and malformation in antenatal individual is known as
A	Teratology
B	Embryology
C	Cellular biology
D	Splanchnology
Q.No: 115	The Fetotomy is recommended to save the life of dam and to be performed
A	Outside uterus
B	Inside uterus
C	Both (Outside uterus) and (Inside uterus)
D	None of these
Q.No: 116	Which of the following is not assisted reproductive technique
A	Artificial Insemination
B	Multiple ovulation/embryo transfer
C	Invitro embryo production
D	Natural service
Q.No: 117	Wry neck posture is more commonly found

A	Mare
B	Cow
C	Ewe
D	Bitch

Q.No: 118	In case of cows which type of fetal mummification is seen
A	Hematic
B	Papyraceous
C	Both (Hematic) and (Papyraceous)
D	None of these

Q.No: 119	The inability to protrude the penis out of prepuce is known as
A	Balanitis
B	Phimosis
C	None of these
D	Orchitis

Q.No: 120	High percentage of abnormal spermatozoa in semen sample is known as -
A	Aspermia
B	Azoospermia
C	Oligozoospermia
D	Teratozoospermia

Q.No: 121	Androgens are produced by
A	Lutein cells
B	Leydig cells
C	Sertoli cells
D	Theca interna cells

Q.No: 122	Testicular hypoplasia is
A	Congenital
B	Acquired
C	Pyometra
D	None of these

Q.No: 123	Document compelling the attendance of a witness in a "Court of Law" under a penalty
A	Request letter by police
B	Summons
C	Both (Request letter by police) and (Summons)
D	None of these

Q.No: 124	Documentary evidence includes -
A	Certificates
B	Veterolegal reports
C	Both (Certificates) and (Veterolegal reports)
D	None of these
Q.No: 125	Types of witness:
A	Common witness
B	Hostile
C	Expert witness
D	All of these
Q.No: 126	Forensic laboratory for zoo and wild animals in M.P is located at
A	NDVSU, Jabalpur
B	Sagar
C	Bhopal
D	Gwalior
Q.No: 127	Wounds produced by sharp objects is known
A	Incised wound
B	Bruises wound
C	Lacerated wound
D	Punctured wound
Q.No: 128	The wound having two opening , viz. One at the entrance and another at the exit:
A	Gunshot
B	Penetrating
C	Punctured
D	None of these
Q.No: 129	Postmortem findings suggestive death by drowning
A	White froths in mouth and nostril
B	Early rigor mortis
C	Oedematous lungs
D	All of these
Q.No: 130	Adulteration of any article in food or drink is punishable under section:
A	272 IPC

B	193 IPC
C	377 IPC
D	274 IPC

Q.No: 131	Adulteration of any drug or medical preparation is punishable under section :
A	274 IPC
B	193 IPC
C	377 IPC
D	172 IPC

Q.No: 132	Intentionally giving false evidence in any stage of judicial proceeding is punishable under section
A	193 IPC
B	178 IPC
C	377 IPC
D	172 IPC

Q.No: 133	Following is/are visual requirement of a good diagnostic radiograph
A	Excellent details
B	Correct density
C	All of these
D	Proper scale of contrast

Q.No: 134	Pulse - echo Principle is used in
A	X-ray
B	C T Scan
C	Ultra sound imaging
D	MRI

Q.No: 135	Parkar-kerr suturing pattern is associated with
A	Small intestine anastomosis
B	Herniorrhaphy
C	Hernioplasty
D	None of these

Q.No: 136	The following suture is used to narrow and constrict lumen of hollow organ
A	Eversion Suture
B	Inversion suture
C	Purse-string suture
D	Apposition suture

Q.No: 137	Ultra sound of superficial parts like tendon requires transducer of:
A	1-10 MHZ
B	11-15 MHZ
C	16-20 MHZ
D	21-25 MHZ
Q.No: 138	The objectives of docking of tail is
A	To improve the appearance of the animal
B	Injury or neoplasm of the tail
C	Tail gangrene
D	All of these
Q.No: 139	Dehorning is done for following reasons, except
A	To make the animal attractive
B	To make the animal less dangerous
C	In certain disease like horn cancer
D	To hide the breed character of animal
Q.No: 140	Commonly used Knot for temporary fastening for surgical restraint
A	Over hand Knot
B	Square knot
C	Surgeon's Knot
D	All of these
Q.No: 141	In gel electrophoresis, which of the following is used
A	Agar agar powder
B	Poly acrylamide gel
C	Blood agar
D	Nacl
Q.No: 142	PCR is invented by
A	Karry B mulis
B	R.Koch
C	L.Pasteure
D	None
Q.No: 143	DNA probes are
A	Short segments of ssDNA not complementary to the desired gene

B	Short segments of dsDNA not complementary to the desired gene
C	Short segments of ssDNA complementary to the desired gene
D	Short segments of dsDNA complementary to the desired gene

Q.No: 144	In Real Time PCR system, visualization of amplified product is achieved
A	UV transilluminator
B	Computer monitor
C	Upon electrophoresis
D	All of these

Q.No: 145	Ribotyping is extensively used for identifying pathogens
A	Bacteria
B	Fungus
C	Virus
D	Parasites

Q.No: 146	Plasmid profiling is an important characterizing marker associated with.
A	Antibiotic resistance
B	Temperature resistance
C	Oxygen resistance
D	pH resistance

Q.No: 147	DNA sequencing can be described as
A	Primer hybridization
B	Sequence reaction and detection
C	Data analysis
D	All of these

Q.No: 148	Labelled DNA probe and a previously fragmented DNA template hybridization can be detected by
A	Southern blotting
B	Northern blotting
C	Western blotting
D	Eastern blotting

Q.No: 149	DNA molecules has an important analytical features -
A	Recognition properties
B	Stability and flexibility
C	Sequence feature
D	All of these

Q.No: 150	Fluorescent labelling dye used in quantitative Real Time PCR are -
A	Syber green
B	TaqMan
C	Quenched probe
D	All of these

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