

मध्यप्रदेश लोक सेवा आयोग  
रेसीडेन्सी एरिया  
इन्दौर

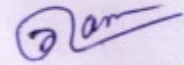
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इन्दौर, दिनांक 25.09.2016

पशु चिकित्सा सहायक शल्यज्ञ परीक्षा -2016 उत्तर कुंजी

—:: विज्ञप्ति ::—

आयोग के विज्ञापन क्रमांक-04/परीक्षा/2016 दिनांक 18.05.2016 के अंतर्गत आयोजित पशु चिकित्सा सहायक शल्यज्ञ परीक्षा-2016 के प्रश्न पत्र के विषय- पशुपालन एवं पशु चिकित्सा विज्ञान की परीक्षा दिनांक-25.09.2016 के वस्तुनिष्ठ प्रकार के प्रश्न पत्र की प्रावधिक उत्तर कुंजी परीक्षा परिणाम बनाने के पूर्व आयोग की वेबसाईट पर प्रकाशित की जा रही है। अभ्यर्थी आयोग की वेबसाईट पर अपना रोल नंबर एवं प्रवेश पत्र पर दिये गये पासवर्ड की सहायता से लॉग-इन कर अपनी रिस्पांस शीट का अवलोकन कर सकते हैं। यदि इस प्रावधिक उत्तर कुंजी के संबंध में किसी परीक्षार्थियों को कोई आपत्ति हो तो वे ऑनलाईन आपत्तियां 07 दिवस के अन्दर प्रस्तुत कर सकते हैं। इस हेतु अभ्यर्थी प्रश्न क्रमांक, संदर्भ ग्रंथों का नाम अंकित करें। प्रावधिक उत्तर कुंजी आयोग की वेबसाईट पर अपलोड होने की तिथि से 07 दिवस की समयावधि के पश्चात प्राप्त आपत्तियों पर विचार नहीं किया जायेगा। यह विज्ञप्ति आयोग की वेबसाईट [www.mppsc.com](http://www.mppsc.com) & [www.mppsc.nic.in](http://www.mppsc.nic.in), [www.mppscdemo.in](http://www.mppscdemo.in) पर दिनांक 25.09.2016 से उपलब्ध है।



(डॉ. आर.आर. कान्हेरे)  
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# Veterinary Assistant Surgeon Exam – 2016

## Veterinary Science

### (Model Answer Key)

<b>Q1</b> Succulent feeds usually contain moisture ranging from :	
A	60 to 90%
B	50 to 60%
C	40 to 45%
D	45 to 50%
Answer Key: <b>A</b>	

<b>Q2</b> Most suitable fodder crop for leguminous hay making is :	
A	Barseem
B	Lucerne
C	Cow pea
D	All of these
Answer Key: <b>B</b>	

<b>Q3</b> The Protein digestibility of wheat straw is approximately :	
A	0.5%
B	0.0%
C	1%
D	2%
Answer Key: <b>D</b>	

<b>Q4</b> The quality of straw can be Improved by	
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:	
A	Alkali Treatment
B	Urea Treatment
C	Silage making with succulent fodders
D	All of these
Answer Key: <b>D</b>	

<b>Q5</b> Goitrogens are usually found in which of the following feed ingredient :	
A	Groundnut Cake
B	Soybean Cake
C	Mustard Cake
D	All of these
Answer Key: <b>C</b>	

<b>Q6</b> The Water intake of an adult cattle for every kg of dry matter intake is :	
A	2-3 litre
B	3-5 litre
C	6-7 litre
D	More than 7 litre
Answer Key: <b>B</b>	

<b>Q7</b> More than 50% of energy value of the diet is provided by the :	
A	Carbohydrates
B	Fat
C	Protein
D	None of the above
Answer Key: <b>A</b>	

<b>Q8</b> Which one of the following domestic animal has lowest capacity of crude fiber digestibility :	
--	--

A	ruminants
B	horse
C	Pig
D	Dog
Answer Key: C	

<b>Q9</b> The method of the protecting protein from ruminal degradation is :	
A	Heat Treatment
B	use of amino acid analogues
C	Encapsulation of amino acids
D	All of these
Answer Key: D	

<b>Q10</b> Protein supplement contains :	
A	Less than 18% crude protein and more than 20% crude fiber
B	More than 20% Crude protein and less than 18% crude fiber
C	Less than 20% crude protein and less than 18% crude fiber
D	More than 20% Crude protein and More than 18% crude fiber
Answer Key: B	

<b>Q11</b> Roughage Contains how much crude fiber? :	
A	Less than 15%
B	Less than 18%
C	More than 20%
D	More than 18%
Answer Key: D	

<b>Q12</b> Encephalomalacia in chick is caused by :	
A	Vit E deficiency

B	Avian encephalomyelitis virus
C	Vit B1 Deficiency
D	All of these
Answer Key: <b>A</b>	

<b>Q13</b> Roan coat colour in short horned cattle is an example of which type of gene action :	
A	Dominance
B	Co-dominance
C	Recessive
D	None of the above
Answer Key: <b>B</b>	

<b>Q14</b> The father of animal breeding is :	
A	Bateson
B	Charles Darwin
C	Mendel
D	Robert Bakewell
Answer Key: <b>D</b>	

<b>Q15</b> When a gene controls two or more traits this property of gene is known as :	
A	Pleiotropy
B	Heterotropy
C	Monotropy
D	None of these
Answer Key: <b>A</b>	

<b>Q16</b> Rampur Bushair is a breed of :	
A	Pig
B	Goat

C	Cattle
D	Sheep
Answer Key: <b>D</b>	

<b>Q17</b> Crossing of the two inbred lines of different breeds is called as :	
A	Cross Breeding
B	In cross breeding
C	Inbreeding
D	Line Breeding
Answer Key: <b>B</b>	

<b>Q18</b> Barbari breed is originated from :	
A	India
B	South Africa
C	East Africa
D	Palestine
Answer Key: <b>C</b>	

<b>Q19</b> The inbred lines are developed mainly for crossing them to take advantage of :	
A	Hybrid Vigour
B	Heterosis
C	Both hybrid Vigour and Heterosis
D	None of these
Answer Key: <b>C</b>	

<b>Q20</b> The Heritability of number of legs in dairy cattle is :	
A	Zero
B	0.5
C	0.75

D	1.0
Answer Key: <b>A</b>	

<b>Q21</b> The contribution of offspring to the next generation in selection experiments is called :	
A	Fitness
B	Adaptive Value
C	Selective Value
D	All of these
Answer Key: <b>D</b>	

<b>Q22</b> The Observed value of a trait measured on an individual is called as :	
A	Genotypic Value
B	Phenotypic Value
C	Karyotypic Value
D	None of these
Answer Key: <b>B</b>	

<b>Q23</b> Niang Megha is a breed of :	
A	Indigenous goat
B	Exotic Pig
C	Indigenous Pig
D	Indigenous Sheep
Answer Key: <b>C</b>	

<b>Q24</b> Response to selection is affected by :	
A	Heritability of the Trait
B	Intensity of selection
C	Phenotypic standard deviation
D	All of these

Answer Key: **D**

<b>Q25</b> The most dwarf breed of cattle is :	
A	Vechur
B	Malvi
C	Siri
D	Hallikar
Answer Key: <b>A</b>	

<b>Q26</b> Ideal calving interval in cattle is :	
A	14 Months
B	6 Months
C	4 Months
D	2 Years
Answer Key: <b>A</b>	

<b>Q27</b> The desirable slope of floor in tail to tail system is :	
A	1:30
B	1:40
C	1:50
D	1:60
Answer Key: <b>B</b>	

<b>Q28</b> Sty is the place to keep :	
A	Young calves
B	Goat
C	Sheep
D	Pig
Answer Key: <b>D</b>	



<b>Q29</b> For maximum growth rate in rabbit minimum crude fiber in ration should be :	
A	10%
B	8%
C	6%
D	4%
Answer Key: <b>A</b>	

<b>Q30</b> Manger length for a cow should be :	
A	20-24 inch
B	24-30 inch
C	15-20 inch
D	More than 30 inch
Answer Key: <b>A</b>	

<b>Q31</b> Budgeting, a tool of dairy farm management includes :	
A	Comparative budgeting
B	Annual budgeting
C	Partial budgeting
D	All of these
Answer Key: <b>D</b>	

<b>Q32</b> The example of baggage type of camel is :	
A	Desert Camel
B	Reverine Camel
C	Riding camel
D	All of these
Answer Key: <b>B</b>	

<b>Q33</b> Best rabbit breed for production of fur is :	
A	British Angora
B	Russian Angora
C	German Angora
D	All of these
Answer Key: C	

<b>Q34</b> In an organized dairy farm the calves are separated from dams and maintained in individual pens or : stalls normally up to the age of	
A	4 Weeks
B	5 Weeks
C	6 Weeks
D	8 Weeks
Answer Key: D	

<b>Q35</b> Bropkas, Herdsman, Manage which species of animal? :	
A	Mule
B	Ass
C	Yak
D	None of these
Answer Key: C	

<b>Q36</b> Debeaking is best done at the age of :	
A	1 <sup>st</sup> day
B	7 <sup>th</sup> day
C	10 <sup>th</sup> day
D	14 <sup>th</sup> day
Answer Key: A	

<b>Q37</b> The average egg production of an improved strain of White Leghorn is approximately
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:	
A	300 eggs per year
B	100 eggs per year
C	50 eggs per year
D	200 eggs per year
Answer Key: <b>A</b>	

<b>Q38</b> Longer incubation period is generally observed in case of	
:	
A	Large size eggs
B	older eggs at setting time
C	Eggs from Hens with longer duration in production
D	All of these
Answer Key: <b>D</b>	

<b>Q39</b> Unhealed naval or mushy chicks may be caused by the following reasons	
:	
A	unsanitary hatchery conditions
B	unsanitary incubator conditions
C	omphalites
D	All of these
Answer Key: <b>D</b>	

<b>Q40</b> From the health management point of view the flow of on-farm traffic must be directed	
:	
A	From Oldest to youngest birds
B	From Youngest to oldest birds
C	With no set pattern
D	None of these
Answer Key: <b>B</b>	

<b>Q41</b> Which of the light management programme is not recommended for growing pullets ?	
:	

A	Decreasing light
B	constant light
C	Increasing light
D	None of these
Answer Key: C	

<b>Q42</b> What type of feasibility report is necessary before starting or planning a poultry project :	
A	Technical
B	Economical
C	Social/ Environmental
D	All of these
Answer Key: D	

<b>Q43</b> To record the temperature in a brooder house the thermometer is placed above the litter at a height of :	
A	5 cm
B	10 cm
C	15 cm
D	20 cm
Answer Key: B	

<b>Q44</b> Which of the following breed of poultry is well known for egg production :	
A	Cornish
B	Aseel
C	Kadaknath
D	White leg horn
Answer Key: D	

<b>Q45</b> Which of the following is not a egg quality trait :	
A	Shape of the egg

B	Shell thickness
C	Yolk Index
D	Broodiness
Answer Key: <b>D</b>	

<b>Q46</b> On which type of floor breeding stock of poultry should be reared for better Fertility ? :	
A	Wired floor
B	Slat floor
C	Deep litter
D	None of these
Answer Key: <b>C</b>	

<b>Q47</b> Pindi, a type of khoa, is used to prepare which specific sweet ? :	
A	Kalakand
B	Gulabjamun
C	Rosagulla
D	Burfi
Answer Key: <b>D</b>	

<b>Q48</b> Lal dahi, a preparation popular in eastern region of india is which type of dahi ? :	
A	Salted dahi
B	Sweetend dahi
C	Plain stored dahi
D	None of these
Answer Key: <b>B</b>	

<b>Q49</b> Normally single toned milk should contain how much fat percentage ? :	
A	3%
B	4.5%

C	1.5%
D	5%
Answer Key: <b>A</b>	

<b>Q50</b> Clotted milk is the synonym in which Indian milk product ? :	
A	Mawa
B	Kulfi
C	Rabri
D	Basundi
Answer Key: <b>C</b>	

<b>Q51</b> Stale or sour flavor usually develops at what temperature of storage of khoa ? :	
A	24-30°C
B	5-10°C
C	31-35°C
D	Refrigerated temperature
Answer Key: <b>B</b>	

<b>Q52</b> The defect caused by undissolved coarse salt in butter is known as :	
A	Streaky
B	Sticky
C	Grainy
D	Gritty
Answer Key: <b>D</b>	

<b>Q53</b> For preventing oxidized or metallic flavor, the butter oil must be stored in which type of container ? :	
A	Aluminum/ Stainless steel vessel
B	Copper alloy vessels
C	Copper vessels

D	Iron Vessels
Answer Key: <b>A</b>	

<b>Q54</b> Which one of the following is not the cause of churning difficulties? :	
A	Excessive hardness of fat
B	Excessive thin Cream
C	large Sized fat globules
D	Excessive low churning temperature
Answer Key: <b>C</b>	

<b>Q55</b> Homogenization of ice cream milk is essential because it :	
A	Lengthens ageing period
B	Prevent Fat Separation During Ageing
C	Reduces whipping ability
D	All of these
Answer Key: <b>B</b>	

<b>Q56</b> How many kg of salt will be required to be added in 200 kg fat for making butter containing 2% salt : assuming 80% fat in the butter ?	
A	4.0
B	2.0
C	2.5
D	5.0
Answer Key: <b>D</b>	

<b>Q57</b> For handling horses, the handler should approach the horse at an angle of :	
A	30°
B	45°
C	15°
D	Zero degree

Answer Key: **B**

**Q58** Which international agency is not directly involved in veterinary public health activities ?  
:

A OIE

B FAO

C WHO

D None of these

Answer Key: **D**

**Q59** Majority of the slaughter facilities that exist in India are  
:

A Unhygienic

B Hygienic

C Suitable

D Up to date

Answer Key: **A**

**Q60** Intestinal mucus membrane from healthy animal is used to manufacture which pharmacological preparation ?

A Relaxin

B Growth Hormone

C Heparin

D Nor adrenaline

Answer Key: **C**

**Q61** The effect of radiation on biological material is measured in  
:

A curie

B rem

C rad

D decibel

Answer Key: **B**



<b>Q62</b> Permissible upper limit of arsenic in drinking water of livestock in mg/lit. is :	
A	0.8
B	0.6
C	0.4
D	0.2
Answer Key: <b>D</b>	

<b>Q63</b> For how much time water should be boiled to destroy micro organisms and to make the dissolved impurities harmless ? :	
A	15 to 20 minutes
B	5 minutes
C	7 minutes
D	10 minutes
Answer Key: <b>A</b>	

<b>Q64</b> Which chemical is used for removing suspended impurities in water ? :	
A	Pot Permanganate
B	Bleaching powder
C	Chlorine
D	Alum
Answer Key: <b>D</b>	

<b>Q65</b> Slaughter bleeding time for sheep and pig is :	
A	More in Pigs than Sheep
B	More in Sheep Than Pigs
C	Equal in both
D	None of these
Answer Key: <b>C</b>	

**Q66** Which one is non-projected display type visual aid ?

:

A Flash Cards

B Exhibits

C Flip Charts

D Flannel Graph

Answer Key: **B**

**Q67** The Philosophy of extension is

:

A how to think

B what to think

C directed to work

D All of these

Answer Key: **A**

**Q68** In extension education learners are

:

A having common goal

B homogenous

C heterogeneous

D None of these

Answer Key: **C**

**Q69** Gyandoot project was launched in tribal dominated rural area of Madhya Pradesh in the year

:

A 1979

B 1989

C 1999

D 2000

Answer Key: **D**

**Q70** TRYSEM was introduced in the year

:	
A	1963
B	1979
C	1989
D	2000
Answer Key: <b>B</b>	

<b>Q71</b> The concept of extension education is	
:	
A	an applied science
B	defined as educational process
C	a behavioral science
D	All of these
Answer Key: <b>D</b>	

<b>Q72</b> Different techniques are used to access the situation (situational analysis) in program planning process	
: Farmers Participation is maximum in	
A	PRA
B	RRA
C	Survey
D	Schedule
Answer Key: <b>A</b>	

<b>Q73</b> NES was launched in the year	
:	
A	2000
B	1979
C	1953
D	1952
Answer Key: <b>C</b>	

<b>Q74</b> Extension education, a participatory process, involves	
:	

A	Five independent steps
B	Five inter-related steps
C	Six Independent steps
D	Six inter-related steps
Answer Key: <b>B</b>	

<b>Q75</b> To support the cross breeding program five central cattle breeding farms have been established for raising high quality bulls of	
A	sahiwal, H F and Murrah
B	Sahiwal, jersey and Murrah
C	Red Sindhi, H F and Murrah
D	Red Sindhi, Jersey and Murrah
Answer Key: <b>D</b>	

<b>Q76</b> In fowl the pygostyle is found in the Vertebrae of	
:	
A	Thoracic
B	Carvical
C	Coccygeal
D	Sacral
Answer Key: <b>C</b>	

<b>Q77</b> The splanchnic skeleton of the OX is	
:	
A	Os-rostrum
B	Os-penis
C	Os-cordis
D	Os-phrenic
Answer Key: <b>C</b>	

<b>Q78</b> The minisci are present in which joint	
:	
A	Hip

B	Stifle
C	Hock
D	shoulder
Answer Key: <b>B</b>	

<b>Q79</b> The muscles attached on the bone surface :	
A	Cardiac muscles
B	Smooth muscles
C	Skeletal muscles
D	All of these
Answer Key: <b>C</b>	

<b>Q80</b> The white pulp and red pulp are found in the microsection of :	
A	Kidney
B	Pancreas
C	Spleen
D	Liver
Answer Key: <b>C</b>	

<b>Q81</b> The number of chromosomes are reduced to half during :	
A	Mitosis
B	Meiosis
C	Interphase
D	None of these
Answer Key: <b>B</b>	

<b>Q82</b> Fertilized ovum immediately starts dividing into series of mitosis by a process called :	
A	Blastulation
B	Cleavage

C	Gastrulation
D	Neurulation
Answer Key: <b>B</b>	

<b>Q83</b> Fertilized ovum is divided into number of cells by mitotic division by the process of :	
A	Bastulation
B	Cleavage
C	Gastrulation
D	None of these
Answer Key: <b>B</b>	

<b>Q84</b> Oxytocin has specific effects on :	
A	Smooth muscles of uterus
B	Myoepithelial cells of mammary gland
C	Facilitates parturition
D	All of the above
Answer Key: <b>D</b>	

<b>Q85</b> Maintenance of milk secretion is known as :	
A	Galactopoiesis
B	Lacto genesis
C	Mammogenesis
D	Galactogenesis
Answer Key: <b>A</b>	

<b>Q86</b> Pepsinogen and Hcl is secreted in ruminants by :	
A	Omasum
B	Abomasum
C	Reticulum

D	Ruman
Answer Key: <b>B</b>	

<b>Q87</b> The basic unit of gas exchange in birds is :	
A	Primary bronchi
B	Secondary bronchi
C	Parabronchi
D	Air sacs
Answer Key: <b>C</b>	

<b>Q88</b> The major cation of intracellular fluid is :	
A	Na
B	K
C	Mg
D	Mn
Answer Key: <b>B</b>	

<b>Q89</b> Hypovolemic shock may be due to :	
A	Haemorrhage
B	Trauma
C	Both Haemorrhage and Trauma
D	None of these
Answer Key: <b>C</b>	

<b>Q90</b> Ambient hypoxia occurs due to :	
A	Low $po_2$ in atmosphere
B	High $po_2$ in atmosphere
C	Shortage of functional hemoglobin
D	None of these

Answer Key: **A**

**Q91** Mannitol is contra indicated in dogs suffering from congestive heart failure because it :

- |   |   |
|---|---|
| A | Increases blood volume and precipitates pulmonary edema   |
| B | Causes hypovolemia with excess excretion of Na <sup>+</sup> , K <sup>+</sup> and c l- ions  |
| C | Both Increases blood volume and precipitates pulmonary edema & Causes hypovolemia with excess excretion of Na <sup>+</sup> , K <sup>+</sup> and c l- ions |
| D | None of the above   |

Answer Key: **C**

**Q92** Tamoxifen is an antiestrogen used mainly in the treatment of :

- |   |                                    |
|---|------------------------------------|
| A | Mammary gland carcinoma in bitches |
| B | Horn cancer in bullocks            |
| C | Reduced libido in males            |
| D | None of these                      |

Answer Key: **A**

**Q93** The dose rate at which urea is lethal for starved cattle is :

- |   |                         |
|---|-------------------------|
| A | 1 - 1.5 g / kg b.wt     |
| B | 0.33 - 0.44 g / kg b.wt |
| C | 0.22 - 0.30 g / kg b.wt |
| D | None of the above       |

Answer Key: **A**

**Q94** Buparvaquone is a drug of choice for the treatment of :

- |   |                     |
|---|---------------------|
| A | Tick infestation    |
| B | Tape worm infection |
| C | Theileria infection |
| D | Babesiosis          |



Answer Key: C

**Q95** Sui poisoning is the common name for  
:

- A Datura poisoning
- B Strychnine poisoning
- C Heavy metal poisoning
- D Abrus precatorius poisoning

Answer Key: B

**Q96** Hepatotoxicity and photo sensitization in grazing livestock is caused due to ingestion of  
:

- A Lantana camara
- B Nerium oleander
- C Digitalis purpurea
- D Beta vulgaris

Answer Key: A

**Q97** One of the following is an anticoccidial drug used in poultry  
:

- A Amprolium
- B Acriflavin
- C Both Amprolium and Acriflavin
- D None of these

Answer Key: A

**Q98** Restriction enzymes capable of making internal cuts in a DNA molecule is called  
:

- A Restriction exonuclease
- B Restriction endonuclease
- C Both Restriction exonuclease and Restriction endonuclease
- D S<sub>1</sub> nuclease

Answer Key: B

<b>Q99</b> Mechanism of intake of recombinant plasmids into a cell is called :	
A	Transduction
B	Transformation
C	Conjugation
D	Both Transduction and Transformation
Answer Key: <b>B</b>	

<b>Q100</b> PCR was invented by :	
A	Watson and Eric
B	Paul Berg
C	Kary Mullis
D	Kohler and Milstain
Answer Key: <b>C</b>	

<b>Q101</b> On the basis of maternal foetal barrier, type of placenta in bitch is :	
A	Syndesmochorial
B	Haemochorial
C	Epithelio chorial
D	Endotheliochorial
Answer Key: <b>D</b>	

<b>Q102</b> Post- service pyometra in cow is usually caused by :	
A	Campylobacter fetus
B	Brucella abortus
C	E . coli
D	Trichomonas fetus
Answer Key: <b>D</b>	

<b>Q103</b> Aschheim - Zondek test is the method of Pregnancy diagnosis in :	
A	Bitch
B	Cattle
C	Mare
D	Sow
Answer Key: C	

<b>Q104</b> The second stage of parturition in a cow lasts for :	
A	0.5 - 1 hr
B	6 - 8 hrs
C	24 hrs
D	4 hrs
Answer Key: A	

<b>Q105</b> Synchronization of estrus can be achieved by administering :	
A	Single injection of FSH
B	Single injection of GnRH
C	Combination of FSH and GnRH
D	Two doses of PGF2 $\alpha$ at 11 days interval
Answer Key: D	

<b>Q106</b> When sperm concentration is less in the semen sample the condition is called as :	
A	Hypospermia
B	Asthenozoospermia
C	Oligozoospermia
D	Teratozoospermia
Answer Key: C	

<b>Q107</b> Testosterone hormone is produced from
---

:	
A	spermatogonia
B	Sertoli cells
C	Leydig cells
D	Medusa cells
Answer Key: C	

<b>Q108</b> Fructose is Predominantly present in the semen of	
:	
A	Dog
B	Stallion
C	Cow bull
D	Buffalo bull
Answer Key: C	

<b>Q109</b> Testicular hypoplasia a condition in buffalo bull is	
:	
A	Acquired
B	Congenital
C	Hereditary
D	Environmental
Answer Key: C	

<b>Q110</b> Lack of sexual interest in female immediately following copulation is called as	
:	
A	Intromission
B	Dismounting
C	Impotentia coeundi
D	Refractoriness
Answer Key: D	

<b>Q111</b> Disorder of eye in which additional cilia emerges from the openings of Meibomian glands of eye is	
: known as	

A	Ectopic cilia
B	Distichiasis
C	Trichiasis
D	None of These
Answer Key: <b>B</b>	

<b>Q112</b> Surgical procedure indicated for mass lesions and caecal impaction or inversion called :	
A	Typhlactomy
B	Colotomy
C	Caecocystentesis
D	None of these
Answer Key: <b>A</b>	

<b>Q113</b> Extrapelvic urethral structures in dogs are best managed by :	
A	Urethroostomy
B	Resection & anastomosis
C	Extrapelvic cystourethral anastomosis
D	None of these
Answer Key: <b>A</b>	

<b>Q114</b> To visualize details of different structures , a good radiograph is expected to have :	
A	Long scale contrast
B	Short scale contrast
C	High radiographic density
D	Low radiographic density
Answer Key: <b>A</b>	

<b>Q115</b> Telescoping of a part of intestine distally into an adjacent portion is called as :	
A	Volvulus

B	Intussusception
C	Torsion
D	None of these
Answer Key: <b>B</b>	

<b>Q116</b> Auriculopalpebral nerve block results into :	
A	Loss of sensation of eyelids
B	Motor Paralysis of eyelids
C	Blockade of sensory & motor nerve
D	None of these
Answer Key: <b>B</b>	

<b>Q117</b> Conformation in which the entire fore limb from the body to ground is too far forward when viewed : from the side is called as	
A	Comped in front
B	Standing under infornt
C	Open knees
D	Comped behind
Answer Key: <b>A</b>	

<b>Q118</b> If a horse refuses to move unless forces , the lameness is graded as :	
A	grade - 1
B	grade - 2
C	grade - 3
D	grade - 4
Answer Key: <b>D</b>	

<b>Q119</b> Bunnell suture technique is used for :	
A	Muscle repair
B	Tendon repair

C	Ligament repair
D	Skin repair
Answer Key: <b>B</b>	

<b>Q120</b> The chief indication for electrotherapy are :	
A	Paralysis and muscular atrophy
B	Paralysis and torticollis
C	Paralysis and muscular tremors
D	None of these
Answer Key: <b>A</b>	

<b>Q121</b> Fluroscopy was invented by :	
A	Thomas A. Edison in 1896
B	W.C. lord Roentgen in 1895
C	J.J. Thompsan in 1897
D	J.J. Thompsan in 1913
Answer Key: <b>A</b>	

<b>Q122</b> The basis of diagnostic ultrasound is :	
A	Absorption of ultrasound energy
B	Reflection of ultrasound waves
C	Scattering of ultrasound waves
D	All of these
Answer Key: <b>B</b>	

<b>Q123</b> Among the following, which one is the most dangerous type of hernia :	
A	Gastorcele
B	Entro- epiplocele
C	Strangulated hernia

D	None reducible hernia
Answer Key: C	

<b>Q124</b> In which types of animals atropine makes the salivary secretions viscid ?	
:	
A	Canines
B	Bovines
C	Equines
D	Felines
Answer Key: B	

<b>Q125</b> Grid is used to prevent the following from reaching the X-ray film during exposure	
:	
A	Primary radiation
B	Scattered radiation
C	Both Primary radiation & Scattered radiation are true
D	Both Primary radiation & Scattered radiation are false
Answer Key: B	

<b>Q126</b> Using a diseased animal for work is punishable under	
:	
A	Prevention of Cruelty against Animals Act 1960
B	Prevention of Cruelty against Animals Act 1965
C	Prevention of Cruelty against Animals Act 1970
D	Prevention of Cruelty against Animals Act 1975
Answer Key: A	

<b>Q127</b> Which of the following formula is used to calculate total solid(TS) and solid not fat (SNF) content of milk	
:	
A	Richmond's formula
B	Bobcock's formula
C	Fleischmann's formula
D	All of these



Answer Key: **D**

**Q128** Mercuric nitrate solution is used for the detection of adulteration of milk with  
:

- A Gelatin
- B Starch
- C Vegetable oil
- D None of these

Answer Key: **A**

**Q129** Which to the following types of meats contains firm and fine muscle fibers  
:

- A Horse meat
- B Fish meat
- C Poultry meat
- D None of these

Answer Key: **C**

**Q130** The Animal welfare board was established in the year  
:

- A 1952
- B 1962
- C 1982
- D 1992

Answer Key: **B**

**Q131** Which of the following is not used as a preservative during post-mortem examination of vetero-legal  
cases  
:

- A Common salt
- B Alcohol
- C Formalin
- D None of these

Answer Key: **C**

<b>Q132</b> For internal examination during post-mortem examination of equine, the carcass should be placed :	
A	Right side down
B	Left side down
C	In sterna recumbency
D	in dorsal recumbency
Answer Key: <b>A</b>	

<b>Q133</b> Under the law, manufacture and sale of which of the following is considered to be a crime :	
A	Adulterated drugs
B	Misbranded drugs
C	Spurious drugs
D	All of these
Answer Key: <b>D</b>	

<b>Q134</b> Which of the following specimens should be submitted for chemical analysis from a suspected case of : nitrate poisoning	
A	Whole blood
B	Kidney
C	Liver
D	Urine
Answer Key: <b>A</b>	

<b>Q135</b> The phenomenon of rigor mortis commences from which of following body parts :	
A	Head and neck
B	Shoulder and abdomen
C	extremities of forelimbs
D	extremities of hindlimbs
Answer Key: <b>A</b>	

<b>Q136</b> The term, "Skin leucosis" is used for which of the following diseases :	
A	Fowl pox
B	Marek's disease
C	Lymphoid feucosis
D	None of these
Answer Key: <b>B</b>	

<b>Q137</b> Which of the following is added as preservative to milk samples that are to be later used for laboratory examination :	
A	Toluene
B	Formaline
C	Potassium dichromate
D	Thymol
Answer Key: <b>C</b>	

<b>Q138</b> Which of the following is not a major <i>mastitis</i> pathogen :	
A	<i>Staphylococcus aureus</i>
B	<i>Streptococcus agalactia</i>
C	<i>Escherichia coli</i>
D	<i>Staphylococcus Hyicus</i>
Answer Key: <b>D</b>	

<b>Q139</b> Which of the following triggers multiplication of <i>Brucella abortus</i> organisms :	
A	Erythymol
B	Erythretol
C	Erytol
D	Ethambutol
Answer Key: <b>B</b>	

<b>Q140</b> Which of the following is used for staining smears for the diagnosis of tuberculosis
--

:	
A	Giemsa stain
B	ZN stain
C	EMB stain
D	Seller's stain
Answer Key: <b>B</b>	

<b>Q141</b> The usual frequency of occurrence of a disease is known as	
:	
A	Endemic
B	Sporadic
C	Epidemic
D	Pandemic
Answer Key: <b>A</b>	

<b>Q142</b> Which of the following is used for post - bite anti- rabies vaccination schedule	
:	
A	0,3 <sup>rd</sup> ,7 <sup>th</sup> , 14 <sup>th</sup> & 30 <sup>th</sup> day
B	0, 3 <sup>rd</sup> , 7 <sup>th</sup> , 14 <sup>th</sup> ,30 <sup>th</sup> & 90 <sup>th</sup> day
C	0, 3 <sup>rd</sup> ,7 <sup>th</sup> , 14 <sup>th</sup> & 28 <sup>th</sup> day
D	0, 3 <sup>rd</sup> ,7 <sup>th</sup> ,14 <sup>th</sup> ,28 <sup>th</sup> & 90 <sup>th</sup> day
Answer Key: <b>D</b>	

<b>Q143</b> Mc'enjie Toothbrush technique is used for the diagnosis of which of the following conditions	
:	
A	Canine atopy
B	Canine pyoderma
C	Dermato phytosis
D	Flea allergic dermatitis
Answer Key: <b>C</b>	

<b>Q144</b> Which of the following is a commensal organism that inhabits canine skin and ear canals and produces disease under favorable conditions .	
:	

A	<i>Malassezia pachydermatis</i>
B	<i>Staphylococcus intermedius</i>
C	<i>Sarcoptes scabiei</i> var. <i>canis</i>
D	<i>Otodectes Cyanotis</i>
Answer Key: <b>A</b>	

<b>Q145</b> Enrofloxacin is not used to treat bacterial infections in young animals as it is :	
A	Oto foxic
B	Nephrotoxic
C	Neurotoxic
D	Chondrotoxic
Answer Key: <b>D</b>	

<b>Q146</b> Which of the following is the smallest virus of animal origin :	
A	Pox virus
B	FMD virus
C	Blue tongue virus
D	Corona virus
Answer Key: <b>B</b>	

<b>Q147</b> The amount of IgG that a neonatal calf receives through colostrum should be equal to :	
A	50 gm /45 kg body wt. of calf
B	75 gm /45 kg body wt. of calf
C	100 gm /45 kg body wt. of calf
D	150 gm /45 kg body wt. of calf
Answer Key: <b>C</b>	

<b>Q148</b> For the treatment of babesiosis in cattle, the dose of Diminazine is :	
A	8 mg/kg body wt.

B	10 mg/kg body wt.
C	12 mg/kg body wt.
D	15 mg/kg body wt.
Answer Key: C	

<b>Q149</b> For the treatment of trypanosomiasis (surra) in pig, camel and buffalo, the curative dose of antitrypanocide (Qinapyramine sulfate) is :	
A	4 mg/kg body wt.
B	8 mg/kg body wt.
C	10 mg/kg body wt.
D	15 mg/kg body wt.
Answer Key: A	

<b>Q150</b> Hydatidosis is caused due to intermediate stage of which of the following parasites :	
A	Taenia solium
B	Moniezia sp
C	Echinococcus granulosus
D	Tenia multiceps
Answer Key: C	