

**QUESTION PAPER**  
**VETERINARY OFFICER EXAM 2013**  
**EXAM DATE 12.02.2015**

Q.No.	Question	Option-1	Option-2	Option-3	Option-4
1	Which one of the following is not a milch breed of cow:	Mewati	Red Sindhi	Tharparker	Sahiwal
2	A teaser bull is maintained to :	Keep the herd moving	Inseminate cow	Protect weak animals	Detect heat
3	Milk fat is easily separated from Milk	Because it is lighter than other constituents	Because it is not uniformly mixed in milk	Because it has more specific gravity	Because it has less specific tension
4	Dry matter percent of sheep milk is :	12.4	8.5	19.3	10
5	The total time taken by a hen from ovulation till oviposition is :	16-17 hours	19-20 hours	23-25 hours	28-30 hours
6	For proper growth of calf whole milk feeding is desired upto the age of :	30 days	60 days	90 days	180 days
7	Which one of the following pairs of systems of rearing poultry is not properly matched:	Chick-Brooder	Layer-Deep Litter	Egg-Incubator	Broiler-Cage
8	The State when animal becomes sexually mature-	Calving	Dry period	Service Period	Puberty
9	Which basis of selection can not be used for selection of sire for milk production?	Performance of collateral relatives	Performance of Progeny	Performance of ancestor	Performance of individual
10	What is genetic covariance between half sibs	$\frac{1}{4} V_A$	$\frac{1}{2} V_A$	$\frac{3}{4} V_A$	$\frac{1}{2} V_A + \frac{1}{4} V_D + V_{EC}$
11	The regression of breeding value on phenotypic value is called	Repeatability	Heritability	Phenotypic Correlation	Genetic Correlation
12	The buffalo breeds in India can be best improved by:	Cross Breeding	Selective Breeding	Inbreeding	Random Breeding
13	The ratio of selection differential to phenotypic standard deviation of a trait is known as :	Intensity of selection	Accuracy of selection	Response to selection	Limit of selection
14	Which of following genetic parameter can be used to predict future performance of same individual?	Heritability Estimate (Broad Sense)	Heritability Estimate (Narrow Sense)	Repeatability Estimate	Non Additive Genetic Variance
15	Permanent genetic correlation between the traits is due to :	Linkage	Pleiotropy	Heterozygosity	Homozygosity

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16	Which system of mating is used for improvement of non-descript animals?	Grading up	Criss crossing	Cross Breeding	Selfing
17	The CP and TDN contents in calf starter must be :	12-15 % CP, 52% TDN	15-18 % CP, 75%TDN	18-21 % CP, 60 % TDN	23-26 % CP, 75% TDN
18	The volatile fatty acid mainly responsible for milk fat synthesis:	Butyric acid	Propionic acid	Acetic acid	None of these
19	In very good silage the pH and Ammoniacal Nitrogen concentration of total nitrogen ranges between:	Above 4.8 pH Ammoniacal Nitrogen above 20% of total nitrogen	4.5-4.8 pH and Ammoniacal nitrogen between 15-20% of total nitrogen	4.2-4.5 pH and Ammoniacal nitrogen between 10-15% of total nitrogen	3.5-4.2 pH and Ammoniacal nitrogen less than 10% of total nitrogen
20	Lucern and Barseem are :	cereal fodder	leguminous fodder	zaid fodder	none
21	Glandular stomach of poultry is	Crop	Proventriculus	Gizzard	Caeca
22	In ruminant animals net gain of ATP from metabolism of one mole of propionic acid obtained from carbohydrate break down is :	50	34	16	0
23	Straw and stovers are	Deficient in minerals	Poor in crude protein	low in digestibility	all of them
24	In the Process of Gluconeogenesis	Glucose is formed from carbohydrate substrate	Glucose is formed from other than carbohydrate substrate	Glucose is formed from minerals	Glucose is formed from minerals and vitamins
25	During the post-mortem infection of lungs, the following lymph node attached to it is examined :	Portal lymph node	Mesentric lymph node	Mediastinal lymph node	Retropharyngeal lymph node
26	The spores of anthrax organisms are formed in presence of :	Free oxygen	In absence of oxygen	In presence of carbon dioxide	In presence of hydrogen peroxide
27	Humidity of air is estimated by :	Simple thermometer	Kata thermometer	Laboratory thermometer	Hygrometer
28	The presence of detergent in milk is detected by adding :	Ether	Hydrochloric acid	Acetic acid solution	Bromocresol purple solution
29	The toxicity of copper in animals is enhanced by the low dietary level of :	Manganese	Iron	Magnesium	Molybdenum

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30	Antidote of Nitrate toxicity in cattle is :	Methylene blue	Sodium thiosulphate	Calcium-disodium EDTA	Desferroxamin
31	The Antibiotic with high degree of photosensitivity is :	Tetracycline	Gentamycin	Ampicillin	Ceftizoxime
32	An ideal antimicrobial agent should have :	Good oral bioavailability	Long elimination half life	Long shelf life	All of them
33	Which one of the following staining methods is used for fungus demonstration-	Methylene blue stain	periodic acid -schiff	Gram's stain	Ziehl-Neelsen stain
34	Which one of the following pairs of etiological agent and disease condition is not correctly matched-	<i>Clostridium chauvoei</i> - Black Leg	<i>Clostridium septicum</i> - braxy	<i>Clostridium haemolyticum</i> - Bacillary haemoglobinuria	<i>Clostridium perfringens</i> type C - Enterotoxaemia
35	On re-immunisation with the same antigen, the levels of which of the following would rise steeply in the serum-	Ig M	Ig G	Ig A	Complement
36	Which one of the following cell is antigen-presenting cell-	Plasma cell	Natural killer cell	T-Lymphocyte	Dendritic cell
37	Surra in animals is caused by -	<i>Trypanosoma evansi</i>	<i>Trypanosoma brucei</i>	<i>Trypanosoma equinum</i>	<i>Trypanosoma equiperdum</i>
38	An anaemic, emaciated pup with dry coat, passing watery mucous mixed with blood in the faeces, shows infection of -	<i>Toxascaris leonina</i>	<i>Toxocara canis</i>	<i>Ancylostoma caninum</i>	All of them
39	Extensive nodule formation in both small and large intestines of calf is caused by -	<i>Chabertia ovina</i>	<i>Haemonchus contortus</i>	<i>Oesophagostomum radiatum</i>	<i>Strongyloides papillosus</i>
40	Mange in Mammals is caused by	Bacteria	Virus	Mite	Tick
41	Increase in size of cells leading to increase in size of organ is known as-	Atrophy	Hyperplasia	Hypertrophy	Metaplasia
42	Which one of the following diseases is characterized by haemolytic anemia-	Babesiosis	Theileriosis	Trypanosomiasis	Anaplasmosis
43	Which type of nephritis is comon in male dog-	Embolic nephritis	Interstitial nephritis	Pyelonephritis	Glomerulonephritis
44	Inflammation of gall bladder is called-	Cholengitis	Cholelithiosis	Cholecystitis	Colitis

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45	Incidence of milk fever-	Increases with parity	Decreases with parity	May increase or decreases with parity	Not related to parity
46	Thiamine deficiency in goats may lead to -	Pica	Iodine deficiency	Fatty liver syndrome	Polioencephalo malacia
47	Persistent vomition is commonly seen in cases of	Acidosis	Alkalosis	uremia	Shock
48	In severe grain engorgement, the ruminal pH becomes-	4	6	7.5	9
49	Following infection of cattle, <i>Dictyocaulus viviparus</i> larvae reach the lungs via-	Intestine, portal vein, liver, heart, lung	Intestine, abdominal cavity, liver, heart, lungs	Intestine, lymphatics, mesentric lymph node thoracic duct, heart, lungs	Intestine, abdominal cavity, thoracic duct, heart, lungs
50	Following are the diagnostic clinical signs in bovine theileriosis-	Haemoglobinuria	Diarrhoea	Fever and enlarged lymph node	Chronic emaciation
51	Spasm of messeter muscle leading to restriction of jaw muscle movements is seen in one of the following diseases-	Entro-toxaemia	Tetanus	Botulism	Rabies
52	A host in which causal agent is mechanically transferred without further development is referred as-	Link host	Amplifier host	Primary host	Paratenic host
53	Person selling the adulterated milk can be booked under the following IPC Section-	IPC-272	IPC-273	IPC-274	IPC-275
54	Common offences against animals in India are-	Mischief	Cruelty against animals	Bestiality	All of them
55	Animal Welfare Organizations are	Red Cross	Blue Cross	Green Cross	All of them
56	Expert witness can be given by-	Veterinary Compounder	Veterinary Doctor	Veterinary Pharmacist	Livestock Owner
57	The following instrument is used during rumenotomy operation-	Ferrier set	Postmortem set	Weingarth set	Orthopedic set
58	Surgical anaesthesia produced by combining two or more drugs or anaesthetic techniques is called-	Combination anaesthesia	Basal anaesthesia	General Anaesthesia	Balanced Anaesthesia

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59	Which of the following drug is most potent sedative-	Acepromazine	Xylazine	Detomidine	Diazepam
60	In majority of cases the mandibular fracture of horizontal ramus in camels occur across the -	Incisors	Tushes	Molars	Canines
61	Which of the following statement is correct regarding teat fistula repair in a cow-	Epidural anaesthesia, debridement, lambert's sutures and teat cannulation	Pudendal nerve block, debridement, overlapping mattress sutures and teat cannulation	Ring block debridement, vertical mattress sutures, and teat cannulation	None of these
62	Which of the following group of surgical instruments are used in a specific operative procedure-	Weingarth set, osteotome, keratome, bistoury	Bone cutter, bone rongeur, periosteal elevator, pin cutter	Hoof Knife, hoof rasp, cortical screw, pin-chuck	Trephiner, K-nail, Allis tissue forceps, Intestinal clamp
63	Blepharospasm is -	Opacity of the lens	Inflammation of the eye lids	Catarrhal conjunctivitis	Partial or Complete closure of eye lids
64	One of the following step signifies complete aseptic preparation of a proposed area for surgery-	Clipping, shaving, scrubbing with a surgical soap and paint the area with 2.5% povidone iodine	Clipping, shaving and paint the area with surgical sprit	Shaving and scrubbing the area with surgical soap	None of these
65	Peroneal tenotomy in horse is indicated to correct-	Shivering	Upward fixation of Patella	Stringhalt	Spavin
66	The surgical technique of utrecht method is performed for-	Omasal Impaction	Diaphragmatic hernia	Intestinal Anastomosis	Abomasal displacement
67	Phencyclidine is a -	Anticholinergic preanaesthetic agent	Dissociative anaesthesia	Alfa-2 adrenoceptor agonist	Muscle relaxant
68	Hypothermia has been used for-	Surgery of the heart and great vessels, brain and spinal cord	Surgey of heart and gastrointestinal tract	Surgery of heart, liver and kidney	None of these
69	The secondary uterine inertia is frequently followed by-	Retained placenta	Uterine infections	Septic metritis	All of them

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70	The maternal recognition of pregnancy in sow is associated with-	Luteal progesterone	Placental lactogens	Embryonic estrogens	All of them
71	Paraphimosis refers to	Inability to withdraw the penis into prepuce	Inability to protrude the penis out of prepuce	Deviation of penis	Diphallus condition
72	The most common form of ectopic pregnancy is-	Abdominal	Ovarian	Fallopian tube	None of these
73	Which of the following symptoms is shown by male affected with segmental aplasia of wolffian duct system?	Absence of testes	Absence of epididymis and vas deferens	Absence of Fallopian tube	None of these
74	The virgin heifer mucus agglutination test is used for the diagnosis of which disease?	Brucellosis	Compylobactor vibriosis in bull	Trichomoniasis in heifer	Catarrhal vaginocervicitis
75	The Conception failure with normal genital discharge in a cow is due to-	Ovaro-bursal adhesions	Anovulation	Tubal occlusion	All of them
76	Semen straws are stored in liquid nitrogen at	-79°C	-100°C	-196°C	-270°C
77	The calf affected with Klinefelter syndrome possesses which of the gene pairs?	XXY	XXX	XYY	None of above
78	Assertion (A) : In cattle, weight of male calves is higher than female calves Reason (R) : Maleconceptus prolongs the gestational length. Choose the correct answer from following options:	Both A and R are individually correct and R is correct explanation of A	Both A and R are individually correct but R is not correct explanation of A	A is true but R is false	R is true but A is false
79	When do testes descend into scrotal cavity in swine	First Quarter of fetal life	Second Quarter of fetal life	Last Quarter of fetal life	After birth
80	Which one of the following pairs is correctly matched?	Anestrus-----Delayed ovulation	Spermatocoele-----Oviduct	Oxytocin-----Milk let down	Fallopian tubes-----Nidation
81	The dialect, which is not related to the Eastern Rajasthan-	Harauti	Mewati	Dhundhadi	Ahirwati
82	Which one of the following pairs is not correctly matched?	Daulat Vijai - Khuman Raso	Mandan - Raj Vallab	Suryamal Mishran - Vansh Bharkar	Chand Bardai - prithviraja Vijaya
83	Who was the author of "Kanhed-De-Prabandh"?	Girdhardas Asia	Karnidan	Padmanabh	Surajprakash

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84	Who is known as Camel's God?	Mallinathji	Pabuji	Ramdeoji	Harbhuji
85	The main centre of Dadu Sect is -	Narayana	Sambharathal	Kolu	Kishangarh
86	The fair which is held twice in a year during Navratras is-	Bharthari	Pushkar	Jeenmata	Diggi
87	Which of the following statements is incorrect about 'Kartal'	It is an autophonic	It is made of wooden	It is a pair instrument	It is played with a wooden stick
88	One of the following painters is not related to Kishangarh School of Painting-	Nagridas	Nihal Chand	Amroo	Bagata
89	Hide of which animal is used for 'Usta' art -	Camel	Horse	Deer	Dog
90	Salam singh's Haveli at Jaisalmer is of how many stories?	5	6	8	9
91	In Bhils head of the clan is called-	Tadavi	Gameti	Kotwal	Patel
92	Number of Sanskar in Hindu Society is -	10	13	16	19
93	Name of the architect of Ranakpur temple was-	Mandan	Dipak	Garibdas	Chokha
94	The 'Ajarakh' print is related to-	Barmer	Bikaner	Bagru	Sikar
95	The Famous poety 'Senani' was written by -	Sumnesh joshi	Ramnath Kavia	Ganeshilal Vyas	Meghraj Mukul
96	The anecdote of saving cows is not the associated with the life-lore of one of following folk deities -	Gogaji	Tejaji	Pabuji	ramdevji
97	Which of the following pair is not correctly matched?	Theva Art - Pratapgarh	Usta Art - Bikaner	Badla - Jodhpur	Namda - Barmer
98	The musical instrument played by mouth is-	Iktara	Algoja	Nobat	Tasha
99	In Rajasthan, the Panghat Poojan (Worship of well) is performed on the occasion of :	Birth of a son	Marriage of a son	Marriage of a daughter	Gangaur festival
100	One of the following established 'Lok Kala Mandal' at Udaipur, he was-	Bhanu Bharti	Devilal Samar	Vasudeo Bhatt	Abhay Bajpai