

PREVIEW QUESTION BANK

Module Name : Veterinary Surgery and Radiology-ENG
Exam Date : 09-Jul-2023 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	2001	Which one of the following is not one of the features of parliamentary form of government? 1. Majority party rule 2. Collective Responsibility 3. Integrated and Independent Judiciary 4. Dissolution of the lower house A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	2002	Which of the following term implies that 'India is a neither a dependency nor a dominion of any other nation'? 1. Socialist 2. Sovereign 3. Secular 4. Democratic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	2003	Which of the following form the maximum water composition on the earth's surface? 1. Oceans 2. Ice caps 3. Glaciers 4. Lakes A1 : 1 A2 : 2	4.0	1.00

		A3 : 3		
		A4 : 4		
Objective Question				
4	2004	Which one of the following does not fall under the category of 'biomes? 1. Forest 2. Sky 3. Desert 4. Grassland A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
5	2005	IUCN publishes information about which of the following species as Red List of threatened species? 1. Endangered Species 2. Vulnerable Species 3. Extinct Species 4. Rare Species A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
6	2006	Who was the first Indian to win an individual medal in Olympics? 1. Milkha Singh 2. Karnam Malleshwari 3. P. T. Usha 4. K. D. Jadhav A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
7	2007	Who among the following reformers founded "Arya Samaj"? 1. Raja Ram Mohan Roy 2. Swami Dayananda Saraswati 3. Atmaram Pandurang 4. Ishwarchandra Vidyasagar A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
8	2008	What does "Triratna" mean in Buddhism? 1. Tripitaka 2. Buddha, Dhamma (dharma), Sangha 3. Satya, Ahimsa, Karuna 4. Sheel, Samadhi, Sangha A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
9	2009	Who started the Indian Reforms Association? 1. Narayan Guru 2. Swami Vivekananda 3. Krishna swami Aiyar 4. Keshav Chandra Sen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				

10	2010	Consider the following statements (A). UN General Assembly has declared 2023 as the international year of millets (B). Odisha govt. ropes in FICCI to promote millets globally (C). Odisha Millets Mission is a flagship programme of the Odisha government to revive millets in farms and on plates Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (B) and (C) only. 3. (A) and (C) only. 4. (A), (B) and (C). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

11	2011	Phomopsis blight occurs in which of the following crops? 1. Brinjal 2. Bajra 3. Sugarcane 4. Potato A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

12	2012	Endemic pests can be described as? 1. Pest occurs in a few specific area. 2. Pest occurs in same area, year after year. 3. Pest occurs frequently in current season in abundance. 4. Pest occurs in severe form. A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
13	2013	Which country is the largest producer of raw silk? 1. Japan 2. India 3. China 4. South Korea A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
14	2014	Transfer of Ownership is the example of which utility..... 1. Time utility 2. Place utility 3. Possession utility 4. Form utility A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
15	2015	What happens to the total number of chromosomes during mitotic cell division? 1. gets doubled 2. gets halved 3. remains the same 4. divides into four A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

16	2016	What is the minimum forest cover to be maintained as per the National Forest Policy, 1988? 1. One-half 2. One-third 3. One-fourth 4. Two-third A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

17	2017	Who among the following is known as the "Father of Agronomy"? 1. Stephen Hales 2. Gregor Johann Mendel 3. Peter Decresenzi 4. D N Walia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

18	2018	Which of the following plant hormones helps in shoot elongation? 1. Auxin 2. Gibberellic acid 3. Absciscic acid 4. Cytokinin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

19	2019		4.0	1.00
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		Select from the following the chemical property of soil..... 1. Colour 2. pH 3. Texture 4. Structure A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
20	2020	The process of separating quality grains from chaff is called as..... 1. Winnowing 2. Threshing 3. Harvesting 4. Tilling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
21	71001	Production of false evidence is punishable under IPC section 1. 162 2. 163 3. 192 4. 193 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	71002		4.0	1.00

		Scooting behaviour in dog is caused by 1. <i>Dipylidium caninum</i> 2. <i>Diphylobothridium latum</i> 3. <i>Echinococcus granulosus</i> 4. <i>Toxocara canis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
23	71003	Coggins test is used for the diagnosis of 1. Equine influenza 2. Equine viral rhinopneumonitis 3. Equine infectious anemia 4. African horse sickness A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
24	71004	Feed additives which are used to prevent subclinical ketosis in lactating dairy animal is 1. Monensin 2. Copper sulphate 3. Methionine 4. both 1 and 3 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
25	71005		4.0	1.00

		Investigation of relationship between disease and hypothesised casual factor in a study population is known as		
		1. Case control study 2. Cross sectional study 3. Cohort study 4. Experimental study		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

26	71006	The therapeutic dose of glucose in bovine ketosis is 1. 5 mg/kg b.wt. 2. 5 µg/kg b.wt. 3. 0.5 g/kg b.wt. 4. 0.5 mg/kg b. wt.	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

27	71007	Crazy chick disease is due to deficiency of 1. Vit. A 2. Vit. K 3. Vit. C 4. Vit. E	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

28	71008		4.0	1.00
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		Transition period of dairy cow is 1. 1 week before and 1 week after calving 2. 2 week before and 2 week after calving 3. 3 week before and 3 week after calving 4. 4 week before and 4 week after calving A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

29	71009	Hypotonic dehydration usually has 1. Hypokalemia 2. Hyponatremia 3. Hypochloremia 4. hypernatremia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

30	71010	The choice of disinfectant for viral disease is 1. Sodium hypochlorite 2. Quarternary ammonium compound 3. Iodophore 4. KMnO₄ A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

31	71011		4.0	1.00
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Select the drug which is a competitive type of enzyme inhibitor

1. Acetazolamide
2. Disulfiram
3. Physostigmine
4. Theophylline

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32	71012	Alkalinization of urine enhances the excretion of drugs 1. Nonpolar drugs 2. Strong electrolyte 3. Weakly acidic drugs 4. Weakly basic drugs A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

33	71013	Many drugs cross biological membranes mainly by the process 1. Facilitated diffusion 2. Passive diffusion 3. Pinocytosis 4. Active transport A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

34	71014		4.0	1.00
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Active transport across biological membranes has characteristics

(A). Needs metabolic energy

(B). It is specific in action

(C). pH dependant

(D). All the above

Choose the **correct** answer from the options given below:

1. (A) and (B) only.
2. (A) and (C) only.
3. (D) only
4. (B) and (C) only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 71015

4.0 1.00

Match **List-I** with **List-II**

List-I	List-II
(A). Potassium-sparing	(I). Vitamin E
(B). Cardiac arrhythmia	(II). Procainamide
(C). Emolient	(III). Amiloride
(D). Anti-infertility	(IV). Lanolin

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (II), (C) - (IV), (D) - (I)
2. (A) - (II), (B) - (III), (C) - (I), (D) - (IV)
3. (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
4. (A) - (III), (B) - (II), (C) - (I), (D) - (IV)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

36 71016

4.0 1.00

Match **List-I** with **List-II**

List-I	List-II
(A). Haemolytic crisis	(I). Sub-acute selenosis
(B). Peat scours	(II). Copper toxicity
(C). Blind staggers	(III). Phosphorus toxicity
(D). Garlic odour	(IV). Molybdenosis

Choose the **correct** answer from the options given below:

1. (A) - (II), (B) - (IV), (C) - (I), (D) - (III)
2. (A) - (II), (B) - (III), (C) - (I), (D) - (IV)
3. (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
4. (A) - (III), (B) - (II), (C) - (I), (D) - (IV)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

37	71017	Which of the following toxin inhibit the ribosomal activity (60 S RNA) 1. Parthenin 2. Ricin 3. Brucine 4. Neriodorin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

38	71018	Golden age of antibiotic started in 1941 with the production of the drug 1. Penicillin 2. Cephalosporins 3. Aminoglycosides 4. Tetracycline A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

39	71019	Phase I drug metabolism reaction involves the following process (A). Acetylation (B). Oxidation (C). Reduction (D). Glucuronidation Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (B) and (C) only. 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

40	71020	The therapeutic index of the drug indicates 1. Potency 2. Safety 3. Efficacy 4. Toxicity A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

41	71021		4.0	1.00
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		The characteristic feature of equine ovary is 1. Medulla is inside to cortex 2. Medulla is absent 3. Medulla is outside of cortex 4. Ovulation fossa is absent A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
42	71022	Longest uterine horns are present in 1. Cow 2. Ewe 3. Sow 4. Mare A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
43	71023	Round pelvic inlet is present in 1. Bovine 2. Ovine 3. Equine 4. Canine A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
44	71024		4.0	1.00

		In transverse dorsal presentation, the position of fetus is 1. Dorso sacral 2. Dorso pubic 3. Cephalo ilial 4. Cephalo pubic A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
45	71025	Chief cause of recumbency in a parturient and puerperal cow is 1. Toxemia 2. Hypocalcemia 3. Hypomagnesemia 4. Hypoglycemia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
46	71026	A cow is said to be repeat breeder when she fails to conceive even after 1. 1 insemination 2. 2 inseminations 3. 3 inseminations 4. 4 inseminations A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
47	71027		4.0	1.00

		Which embryonic stage is most suitable for cryopreservation 1. 4-8 cell stage 2. Morulae 3. Early blastocyst stage 4. Hatched blastocyst stage A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
48	71028	Testis is pulled into scrotum during testicular descent by 1. Scrotal ligament 2. Pampiniform plexus 3. Spermatic cord 4. Gubernaculum A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
49	71029	Color of bull semen is 1. White 2. Yellow 3. Creamy white 4. Grey A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
50	71030		4.0	1.00

		During Eosin Nigrosin staining, dead sperm stains 1. Blue 2. Pink 3. Black 4. Colorless A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
51	71031	Preputial prolapse is more common in bulls of 1. Polled (exotic) breeds of cattle 2. Horned (Indian) breeds of cattle 3. Jaffarabadi buffaloes 4. Dromedary camels A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
52	71032	In bovines, omasum is situated on the right side of median plane between 1. 4th -7th intercostals space 2. 7th-11th intercostals space 3. 5th-9thintercostals space 4. 9th -12th intercostals space A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
53	71033		4.0	1.00

		In 'roaring in horse' condition which nerve is more commonly affected 1. Right recurrent laryngeal nerve 2. Left recurrent laryngeal nerve 3. 1st cervical nerve 4. Glossopharyngeal nerve A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
54	71034	The ratio of silver bromide with silver iodide crystals in radiographic film emulsion is kept around 1. 20:80 2. 80:20 3. 50:50 4. 90:10 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
55	71035	The colour coding for vaporizer dial for isoflurane is 1. Red 2. Yellow 3. Purple 4. Brown A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
56	71036		4.0	1.00

		Which inhalation anesthetic is subjected to the greatest degree of metabolism in animal body? 1. Isoflurane 2. Halothane 3. Methoxyflurane 4. Desflurane A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
57	71037	Which of the following solution causes the least tissue damage and is most appropriate for tissue flushing? 1. Hydrogen peroxide 2. Isotonic saline 3. Distilled water 4. Povidone-iodine solution A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
58	71038	How long after the surgery, the strength of a sutured surgical skin wound return to its original preoperative strength 1. 7-10 day 2. 21-28 day 3. 60 days 4. Never A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
59	71039		4.0	1.00

		<i>Vicryl®</i> is made up of 1. Glycolic acid 2. ε-caprolactone and glycolide 3. glycolide, caprolactone, trimethylene carbonate, and lactide 4. glycolide and L-lactide A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
60	71040	The intra-arterial administration of acepromazine may cause 1. CNS excitement 2. CNS depression 3. Seizures 4. All 1, 2 and 3. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
61	71041	Voluntary control of skeletal muscle is provided by: 1. Somatic nervous system 2. Autonomic nervous system 3. Visceral motor system 4. Parasympathetic nervous system A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
62	71042		4.0	1.00

		Eustachian tube connects pharynx with:		
		1. Nasal cavity 2. Inner ear 3. Middle ear 4. Outer ear		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

63	71043	In central nervous system, which cells are responsible for myelin sheath formation? 1. Schwann cells 2. Ependymal cells 3. Astrocytes 4. Oligodendrocytes	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

64	71044	Patella is an example of which type of bone: 1. Irregular bone 2. Long bone 3. Sesamoid bone 4. Flat bone	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

65	71045		4.0	1.00
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		Crypts of Lieberkuhn are associated with: 1. Gastric glands 2. Tracheal glands 3. Sweat glands 4. Intestinal glands A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
66	71046	In ox, the paired laryngeal cartilage is: 1. Thyroid 2. Epiglottis 3. Cricoid 4. Arytenoid A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
67	71047	In ox, the term "pin bone" is associated with: 1. Tuber sacrale 2. Tuber coxae 3. Ischiatic tuberosity 4. Tuber calcis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
68	71048		4.0	1.00

In mammals, which of the following structure forms permanent kidney:

1. Pronephros
2. Metanephros
3. Mesonephros
4. Urogenital sinus

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

69	71049	Failure of one or both testicles to descend into scrotum is known as: 1. Pseudohermaphrodite 2. Hermaphrodite 3. Hypospadias 4. Cryptorchidism A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

70	71050	Point of hock is formed by: 1. Tuber ischii 2. Tuber coxae 3. Tuber sacrale 4. Tuber calcis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

71	1001501		4.0	1.00
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The *suffix* to a surgical term which refers to temporary opening or surgical entrance into the cavity / lumen of any organ or temporarily dividing a tissue

1. -otomy
2. -ostomy
3. -ectomy
4. -orrhaphy

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72	1001502	In veterinary surgery, the removal of diseased part along with some healthy portion is called 1. Extirpative surgery 2. Radical surgery 3. Plastic surgery 4. Exploratory surgery A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

73	1001503	To be classified as non-absorbable suture, suture material should retain its tensile strength in tissues for longer than 1. 30 days 2. 60 days 3. 90 days 4. 120 days A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

74	1001504		4.0	1.00
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An example of long acting local anaesthetic is

1. Lignocaine
2. Procaine
3. Mepivacaine
4. Bupivacaine

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75	1001505	Romifidine is 1. a dissociative anaesthetic 2. α-2 adrenergic agonist 3. Benzodiazepine 4. Etomidate analog A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

76	1001506	Butyrophenones are commonly used as 1. Neuroleptanalgesic 2. Only as sedative 3. Potent analgesic 4. Sole anaesthetic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

77	1001507		4.0	1.00
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For enucleation of eyeball, which of the following nerve block (NB) is done?

1. Infraorbital NB
2. Mental NB
3. Peterson's NB
4. Supraorbital NB

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

78	1001508	<i>Biers block</i> in cattle is also called 1. Paravertebral NB 2. Intravenous regional anaesthesia (IVRA) 3. Anaesthesia for surgery of atresia ani 4. Ring block for teat surgery A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

79	1001509	In international colour coding system, the colour of CO₂ cylinder is 1. White 2. Grey 3. Brown 4. black with white neck A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

80	1001510		4.0	1.00
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In centralized oxygen supply system, the O_2 failure alarm beeps when pressure in the O_2 supply line falls below

1. 100 kPa
2. 200 kPa
3. 300 kPa
4. 500 kPa

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

81	1001511	Which of the following is not an effect of inhalant anesthetics?	4.0	1.00
1. Induction of general anaesthesia 2. Myocardial depression 3. Post-operative nausea 4. Decreased intracranial pressure				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

82	1001512	Which of the following inhalant agent has the highest oil-gas partition coefficient?	4.0	1.00
1. Sevoflurane 2. Isoflurane 3. Methoxyflurane 4. Halothane				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

83	1001513		4.0	1.00
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		Which of the following inhalant agent is not a volatile liquid?		
		1. Ether 2. Xenon 3. Desflurane 4. Enflurane		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
84	1001514	The odour of isoflurane is 1. Pungent 2. Pleasant 3. Sweetish 4. Odourless A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
85	1001515	On ultrasonography of right flank region of cattle having history of no defecation since three days, finding ' <i>Bull's eye / Target appearance</i> ' in sonogram indicates 1. Volvulus of intestine 2. Torsion of intestine 3. Intussusception of intestine 4. Leiomyoma of intestinal wall A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
86	1001516		4.0	1.00

SI unit of radiation absorbed dose by tissue is

1. Rad
2. Roentgen
3. Rem
4. Gray

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87

1001517

4.0

1.00

Match **List-I** with **List-II**

List-I	List-II
Filter material in TLD badge	For rays
(A). Plastic	(I). Beta ray
(B). Lead	(II). Gamma ray
(C). Open	(III). Alpha ray
(D). Thin copper	(IV). Diagnostic X-ray

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
3. (A) - (I), (B) - (IV), (C) - (III), (D) - (II)
4. (A) - (III), (B) - (IV), (C) - (II), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88	1001518		4.0	1.00
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Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : The portion of the x-ray film where radiation reaches appears as black in colour.

Reason (R) : Silver halide gets ionized by X-rays, which is reduced by developer to metallic silver and the metallic silver is black in colour.

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

89	1001519	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : While taking a radiograph of part of unequal thickness, thicker or denser part should be position toward the anode. Reason (R) : X-rays emerging parallel to the angled target are more attenuated by target itself. In light of the above statements, choose the <i>correct</i> answer from the options given below. 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

90	1001520	Photomultiplier tubes are extremely sensitive detectors of photons of electromagnetic spectrum in the range of 1. Ultraviolet rays 2. Visible light 3. Infrared rays 4. All 1, 2 and 3. A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
91	1001521	Radiotherapy is not indicated when 1. Neoplasm is localized solid mass 2. When surgery fails or expected to fail 3. Radical surgery is expected to remove the whole neoplasm completely 4. Reduction in size of neoplasm is required before surgical removal A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
92	1001522	The Doppler technique in echocardiography is not a referable technique to diagnose 1. Septal defect 2. Valvular defect 3. Persistent right aortic arch 4. Teratology of fallot A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
93	1001523	X-rays used in adult bovine thoraco-abdominal diagnostic imaging have energy in the range of 1. 12-20 kVp 2. 30-150 kVp 3. 200-300 kVp 4. 500-1000 kVp A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
94	1001524	Which of the following is not a common cause of early X-ray tube failure 1. Thermal overloading 2. Damage to glass envelope 3. Insulation failure 4. Using cassettes with intensifying screen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
95	1001525	The extent of foreshortening of image 1. Increases with increasing angle of inclination 2. Decreases with increasing angle of inclination 3. is independent of the angle of inclination 4. Depend on the intensity of the rays. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
96	1001526	Reflecting layer of intensifying screen is composed of 1. Calcium tugstate 2. Zinc cadmium sulphide 3. Titanium dioxide 4. Cellulose A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question			
97	1001527	"Radiographic mottle" on the radiograph causes 1. Improved detail 2. Decrease in detail 3. Improved contrast 4. Poor contrast A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0 1.00
Objective Question			
98	1001528	More dark radiograph (Artifact) is formed due to 1. Increased FFD 2. Low kVp 3. High mA 4. Less time in developer A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0 1.00
Objective Question			
99	1001529	'Base narrow toe in' conformation in a horse results in 1. Paddling 2. Winging 3. Plaiting 4. Splay foot A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0 1.00
Objective Question			
100	1001530		4.0 1.00

		Normal angle for foot axis with ground for hind limbs in horses should be 1. 40-44 degree 2. 45-49 degree 3. 50-55 degree 4. 56-60 degree A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
101	1001531	In navicular disease (Podotrochleosis) in horses 1. Arc of flight is normal but cranial phase of stride is reduced 2. Arc of flight is normal but caudal phase of stride is reduced 3. Arc of flight as well as cranial phase of stride is reduced 4. Arc of flight as well as caudal phase of stride is reduced A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
102	1001532	Radial nerve (in brachial plexus) originates from 1. C6-C7 2. C7-C8 3. C8-T1 4. T1-T2 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
103	1001533		4.0	1.00

		'Drawer test' is done for confirmation of 1. String halt 2. Upward fixation of patella 3. Cruciate ligament rupture 4. Hip dysplasia A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
104	1001534	Avascular necrosis of femoral head in dog occurs in 1. Legg Parthe's disease 2. Hip dysplasia 3. Formation of joint mice 4. Osteochondrosis dissecans A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
105	1001535	For prediction of dysplastic hip in canine 1. Norberg angle $\geq 105^{\circ}$ 2. Distraction Index ≥ 0.3 3. Dorsolateral subluxation score $\geq 53\%$ 4. On radiography >70% of femur head should be covered with acetabulum A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
106	1001536		4.0	1.00

Monteggia fracture is an example of

1. Articular fracture
2. Fracture dislocation
3. Periarticular fracture
4. Diaphyseal fracture

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107	1001537	Tumour of gum tissue arising from bone and periosteum at alveolar border is 1. Chondroma 2. Osteoma 3. Epulis 4. Odontoma A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

108	1001538	Hydrotherapy is indicated in 1. Acute oedema 2. contusion 3. Necrotic wound 4. Bruise A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

109	1001539		4.0	1.00
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		Inguinal Hernia is also known as		
		1. Omphalocele 2. Oscheocele 3. Gut tie 4. Bubonocele		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
110	1001540	'Horn cancer' is more common in 1. Castrated male cattle 2. Uncastrated male cattle 3. Castrated male buffalo 4. Uncastrated male buffalo A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
111	1001541	Which of the following is not correct for '<i>Moon Blindness</i>' in equine 1. The most common cause of vision loss in equines 2. Usually an autoimmune disease 3. Due to recurrent periodic ophthalmia 4. Due to degeneration of retina A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
112	1001542		4.0	1.00

The conventional outflow route for aqueous humor is

(A). Anterior chamber

(B). Posterior chamber

(C). Pupil

(D). Pectinate ligament → ciliary cleft

Choose the **correct** sequence to answer from the options given below:

1. (A), (B), (C), (D).

2. (B), (C), (A), (D).

3. (B), (A), (D), (C).

4. (C), (B), (D), (A).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

113 1001543

4.0 1.00

Who is known as father of visceral surgery?

1. W S Halstead

2. Theodor Bilroth

3. August Bier

4. Pean

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

114 1001544

4.0 1.00

In cattle, the site of choice for abdominal paracentesis is

1. Caudal to xiphisternum and 5cm lateral to midline

2. Near umbilicus at midline

3. Extreme left paracostal region

4. At midline 10cm cranial to pubis

A1 : 1

A2 : 2

A3 : 3

		A4 : 4		
Objective Question				
115	1001545	Belt loop gastropexy in dogs is a technique indicated for the treatment of 1. Pyloric hypertrophic stenosis 2. Left abomasal displacement 3. Gastric Dilatation and Volvulus 4. Right abomasal displacement A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
116	1001546	Six bite technique in mare is used for repair of 1. Umbilical hernia 2. Recto-vaginal fistula 3. Cystorrhaphy 4. Tenorrhaphy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
117	1001547	The treatment of choice for splenic torsion is 1. Partial splenectomy 2. Detorsion of spleen 3. Plication of spleen 4. Splenectomy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

118	1001548	The clinical signs of caecal dilatation and torsion in bovines resembles to 1. Intestinal obstruction 2. Omasal impaction 3. Diaphragmatic hernia 4. Rumenal impaction A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

119	1001549	Gambee's suturing technique is mainly used for 1. Urinary bladder repair 2. Abomasal wall 3. Intestinal anastomosis 4. Repair of joint capsule A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

120	1001550	The daily maintenance requirement of fluid in horses is 1. 10-20 ml/kg/24 hr 2. 30-40 ml/kg/24hr 3. 50-60 ml/kg/24hr 4. 70-80 ml/kg/24hr A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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