

PREVIEW QUESTION BANK

Module Name : Veterinary Public Health and Epidemiology-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
----	------	--	-----	------

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
----	------	--	-----	------

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
----	------	---	-----	------

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
----	------	--	-----	------

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
----	------	---	-----	------

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
----	------	--	-----	------

Objective Question

19	2019		4.0	1.00
----	------	--	-----	------

		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	61001	When the two organisms just live together and neither loses or wins, the condition is termed as 1. Commensalism 2. Parasitism 3. Mutualism 4. Phoresis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	61002		4.0	1.00

Which of the following term refers to agents cycling between vertebrates and non animal hosts?

1. Cyclozoonosis
2. Anthroponosis
3. Metazoonosis
4. Saprozoonosis

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

23	61003	Ovary and vitelline gland form a mass on either side resembling like a bunch of grapes in which of the following cestode? 1. <i>Dipylidium caninum</i> 2. <i>Cotugnia digonopora</i> 3. <i>Moniezia expansa</i> 4. <i>Thysanosoma actinioides</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

24	61004	Neurocysticercosis in human is related to the following. 1. <i>Cysticercus bovis</i> 2. <i>Coenurus cerebralis</i> 3. <i>Cysticercus cellulosae</i> 4. <i>Cysticercus tenuicollis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

25	61005		4.0	1.00
----	-------	--	-----	------

In case of dipteran flies, metathoracic pair of wings are modified into knob like structure termed as:

1. Hemelytra
2. Halter
3. Elytra
4. Arista

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

26 61006

4.0 1.00

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

List-I (Disease name)	List-II (Causative agent)
(A). Dourine	(I). <i>Dictyocaulus viviparus</i>
(B). Husk	(II). <i>Histomonas meleagridis</i>
(C). Hepatic coccidiosis	(III). <i>Eimeria stiedae</i>
(D). Black head	(IV). <i>Trypanosoma equiperdum</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27 61007

4.0 1.00

Which of the following is the OIE recommended prescribed test for trichinellosis?

1. Agent identification
2. Indirect Fluorescent Antibody test
3. Enzyme Linked Immunosorbent Assay
4. Complement Fixation test

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
28	61008	Which of the following has no tubulin binding property unlike other members of benzimidazole compounds? 1. Albendazole 2. Fenbendazole 3. Triclabendazole 4. Cambendazole A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
29	61009	Which type of immunoglobulin is immunodominant in helminthic infection? 1. IgA 2. IgG 3. IgM 4. IgE A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
30	61010	The lifecycle of members of the order Spirurida is typified as: 1. Direct 2. Parthenogenetic 3. Monoxenous 4. Heteroxenous A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

31	61011	Return to susceptibility to an anthelmintic by an originally resistant strain of parasite is called as : 1. Cross Resistance 2. Multiple Resistance 3. Reversion 4. Side Resistance A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

32	61012	Which of the following causes Red water fever? 1. <i>Eimeria zuernii</i> 2. <i>Babesia bigemina</i> 3. <i>Theileria parva</i> 4. <i>Anaplasma marginale</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

33	61013		4.0	1.00
----	-------	--	-----	------

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

List-I	List-II
(Name of Parasite)	(Typical morphological features)
(A). <i>Oxyuris mansoni</i>	(I). Hour glass shaped pharynx
(B). <i>Diphyllobothrium latum</i>	(II). Dumbell shaped uterus and gravid proglottids having two paruterine organs
(C). <i>Stilesia hepatica</i>	(III). Scolex provided with bothria and rosette shaped uterus
(D). <i>Heterakis gallinarum</i>	(IV). Oesophagus has a strong posterior bulb

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 61014

4.0 1.00

World Environment Day is celebrated on :

1. 5th June
2. 6th July
3. 24th March
4. 28th September

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 61015

4.0 1.00

Food Safety and Standards Authority Act was implemented in which year?

1. 2001
2. 2006
3. 2011
4. 2016

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

36	61016	Infected cattle shed the following group of pathogens in milk and transmit infection to humans by raw milk consumption. 1. Tickborne Encephalitis viruses, <i>Toxoplasma gondii</i>, <i>Brucella abortus</i> 2. <i>Streptococcus pyogenes</i>, <i>Corynebacterium diphtheriae</i>, <i>Vibrio cholerae</i> 3. <i>Streptococcus pyogenes</i>, <i>Corynebacterium diphtheriae</i>, <i>Brucella abortus</i> 4. Tickborne Encephalitis viruses, <i>Toxoplasma gondii</i>, <i>Vibrio cholerae</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

37	61017	There has been a party in a college. Some of students had gastrointestinal infection while others don't. Which Epidemiological study will be used to determine the food items responsible for the outbreak? 1. Cross-sectional study 2. Cohort study 3. Case-control study 4. Census A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

38	61018	In Johne's Disease, which of the following organs shows the most marked changes? 1. Liver 2. Small Intestine 3. Lungs 4. Kidneys A1 : 1 A2 : 2	4.0	1.00
----	-------	--	-----	------

		A3 : 3		
		A4 : 4		
Objective Question				
39	61019	To know the status of a disease in a population at a particular point of time, a study will be conducted. Which of the following disease measure will be calculated for the said purpose? 1. Point prevalence 2. Period prevalence 3. Cumulative Incidence 4. Incidence rate A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
40	61020	What is true for Brucellosis? (A). <i>Brucella abortus</i> S19 is a killed, inactivated vaccine (B). For human brucellosis, treatment is available while for animal brucellosis, it is not. (C). Brucellosis causes undulant fever in human. (D). In Goats, <i>Brucella abortus</i> S19 is applied in 4-8 months female kids. Choose the correct answer from the options given below: 1. (A), (B) and (C) only. 2. (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
41	61021		4.0	1.00

What is true for post-exposure prophylaxis of Rabies?

- (A). In category III wounds, by intradermal route of vaccination, Four injections of 0.1 ml vaccine at two sites on 0, 7, 14 and 28 days
- (B). In category III wounds, by intramuscular route of vaccination, Five injections of vaccine at one site on 0, 3, 7, 14 and 28 days
- (C). In category III wounds, Antiserum inoculation at the site of bite.
- (D). Wash the site of bite with running tap water and soap for 15 minutes.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

42 61022

4.0 1.00

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

List-I	List-II
(Disease)	(Common Name)
(A). Leptospirosis	(I). Weil's disease
(B). Plague	(II). Monkey fever
(C). Kyasanur Forest Disease	(III). Mad Rat Disease
(D). Anthrax	(IV). Malignant Carbuncle

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

43 61023

4.0 1.00

		The drinking water should have how much of free chlorine? 1. 0.05 mg/litre 2. 0.5 mg/litre 3. 5 mg/litre 4. 50 mg/litre A1 : 1 A2 : 2 A3 : 3 A4 : 4		
--	--	---	--	--

Objective Question

44	61024	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : The relative humidity in animal houses is a point of consideration for animal house construction. Reason (R) : The relative humidity affects the growth of microbes in the environment. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below . 1. Both (A) and (R) are correct and (R) is the correct explanation of (A). 2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A). 3. (A) is correct but (R) is not correct. 4. (A) is not correct but (R) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

45	61025	What is true for Ebola virus? (A). The virus belongs to Family <i>Filoviridae</i> (B). The virus belongs to Family <i>Paramyxoviridae</i> (C). The virus is transmitted by bite of mosquitoes (D). The virus is transmitted through contact with secretions and excretions of infected individuals Choose the correct answer from the options given below: 1. (A) and (C) only. 2. (A) and (D) only. 3. (B) and (C) only 4. (B) and (D) only. A1 : 1	4.0	1.00
----	-------	---	-----	------

A2 : 2

A3 : 3

A4 : 4

Objective Question

46 61026

4.0 1.00

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

List-I	List-II
(Discovery/Theory proposed/Invention, etc.)	(Author/Thinker/Scientist, etc.)
(A). First to challenge the spontaneous generation theory	(I). Louis Pasteur
(B). Germ theory of fermentation	(II). Francesco Redi
(C). Supported the spontaneous generation theory	(III). Kleinberger
(D). Discovered L-form of bacteria	(IV). John Needham

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47 61027

4.0 1.00

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

Assertion (A) : KOH test (in which a loopful of the bacterial culture from non-selective medium is mixed in a drop of 3% aqueous solution of KOH) is a good test to differentiate between Gram-positive and Gram-negative bacteria.

Reason (R) : Formation of a sticky viscous strand due to release of sticky nuclear material confirms it to be Gram-negative bacteria because its cell wall gets dissolved in KOH, while Gram-positive cell wall is resistant to dissolution by 3% KOH so no sticky strand is formed.

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

48 61028

4.0

1.00

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

List-I	List-II
(Clostridium perfringens toxins)	(Clostridium perfringens Types)
(A). Alpha and Epsilon	(I). Clostridium perfringens Type B
(B). Alpha and Iota	(II). Clostridium perfringens Type C
(C). Alpha, Beta and Epsilon	(III). Clostridium perfringens Type D
(D). Alpha and Beta	(IV). Clostridium perfringens Type E

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

49 61029

4.0

1.00

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

List-I	List-II
(Name of the bacteriological medium)	(Names of the sugars present)
(A). BGA	(I). Lactose only
(B). MLA	(II). Lactose and Sucrose
(C). TSI	(III). Lactose, Sucrose and Xylose
(D). XLD	(IV). Glucose, Lactose and Sucrose

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

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

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

50	61030	Filoviruses are characterized by formation of inclusion bodies that are: 1. Small intranuclear 2. Large intranuclear 3. Small intracellular 4. Large intracellular A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

51	61031	Bunyaviruses are characterized by: (A). Three segments of genome (B). Virions are spherical and enveloped (C). Positive-sense single stranded RNA genome (D). Cytoplasmic replication Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

52	61032		4.0	1.00
----	-------	--	-----	------

Haemagglutinating viruses belong to:

(A). Orthomyxoviruses

(B). Paramyxoviruses

(C). Alphaviruses

(D). Flaviviruses

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

53 61033

4.0 1.00

Given below are two statements:

Statement (I): The sensitivity of a test is the probability that a test result will be positive when the disease is present (true-positive rate).

Statement (II): The specificity of a test is the probability that a test will be negative when the disease is absent (the negative rate).

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

1. Both Statement (I) and Statement (II) are true.
2. Both Statement (I) and Statement (II) are false.
3. Statement (I) is true but Statement (II) is false.
4. Statement (I) is false but Statement (II) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

54 61034

4.0 1.00

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

List-I	List-II
(CD Molecule)	(Acting as a receptor for)
(A). CD16	(I). A receptor for IgE, also called FcεRII
(B). CD23	(II). Also called FcγRIII, a low-affinity receptor for IgG and for CD4
(C). CD32	(III). This is the receptor for C3b and C4b so it is also called CR1
(D). CD35	(IV). A medium-affinity IgG receptor also called FcγRII

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

55 61035

4.0 1.00

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

List-I	List-II
(Monograph/Discovery/Theory proposed/Contribution etc.)	(Author/Thinker/Scientist, etc.)
(A). Published Nova Plantarum genera in 1729	(I). Raimond Sabouraud
(B). Muscardine disease in silkworms is caused by a fungus	(II). Pier Antonio Micheli
(C). 'Les Teignes' the classic work on dermatophyte infections	(III). Pallin
(D). Monograph on epizootic lymphangitis in horses and mules	(IV). Agostinobassi

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56	61036	Which of the followings are dimorphic fungi? (A). <i>Sporothrix schenckii</i> synonym <i>Sporotrichum schenckii</i> (B). <i>Histoplasma capsulatum</i> and <i>Histoplasma farciminosum</i> (C). <i>Blastomyces dermatitidis</i> (D). <i>Coccidioides immitis</i> and <i>Paracoccidioides brasiliensis</i> Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

57	61037	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : BALB/c strain of mice are the most common species used in hybridoma technology. Reason (R) : Myeloma cell lines available for fusion are derived from this strain. 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
----	-------	---	-----	------

Objective Question

58	61038		4.0	1.00
----	-------	--	-----	------

Nucleic acid hybridization strategies require immobilization of nucleic acids to filters, that is achieved mostly by:

(A). Baking in an oven for 2 hours at 80°C

(B). UV irradiation for few minutes

(C). Alkali fixation

(D). Acidic fixation

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

59 61039

In nitrate/nitrite poisoning the color of blood is

1. Brick Red
2. Black
3. Chocolate brown
4. Cherry Red

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

60 61040

MATSA is marker for the diagnosis of which of the following diseases of poultry?

1. Lymphoid Leukosis
2. Erythroid leukosis
3. Reticuloendotheliosis
4. Marek's Disease

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

A4 : 4

Objective Question

61	61041	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Moist gangrene usually occurs in the internal organs. Reason (R) : In the internal organs there is abundance of moisture and more temperature which favours the growth of saprophytic bacteria. In light of the above statements, choose the <i>correct</i> answer from the options given below. - Both (A) and (R) are true and (R) is the correct explanation of (A). - Both (A) and (R) are true and (R) is not the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

62	61042	Tyzer's disease in rodents is caused by: <i>Pasteurella pneumotropica</i> <i>Clostridium piliforme</i> <i>Citrobacter rodentium</i> <i>Mycoplasma pulmonis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

63	61043	Production disease associated with low blood calcium in high producing dairy cows is: - Post-parturient hemoglobinuria - Osteomalacia - Parturient paresis - Ketosis A1 : 1 A2 : 2	4.0	1.00
----	-------	--	-----	------

A3 : 3

A4 : 4

Objective Question

64 61044

4.0 1.00

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

Diagnostic Test	Name of the disease
(A). Ascoli Test	(I). Glanders
(B). Mallein Test	(II). Dermatophytosis
(C). Johnin Test	(III). Anthrax
(D). Wood's Lamp Test	(IV). Paratuberculosis

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

65 61045

4.0 1.00

Which of the following agent is associated with causation of Crohn's disease in humans?

1. *Mycobacterium tuberculosis*.
2. *Corynebacterium pseudotuberculosis*
3. *Mycobacterium avium* subsp. *paratuberculosis*
4. *Nocardia asteroides*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

66 61046

4.0 1.00

		Leukemoid response is a term used to describe: 1. Presence of neoplastic leukocytes in the circulating blood. 2. Presence of neoplastic leukocytes in the bone marrow. 3. Massive increase in leukocyte count in circulating blood due to inflammation that may give a false impression of leukemia. 4. Presence of neoplastic leukocytes in the bone marrow as well as in the circulating blood. A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
67	61047	What is the correct sequence of cellular changes in acute inflammation? 1. Margination-emigration-rolling-adhesion 2. Margination-adhesion-pavementing-emigration 3. Emigration-pavementing-adhesion-margination 4. Adhesion-pavementing-margination-emigration A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
68	61048	In birds, ingestion of toxins produced by <i>Clostridium botulinum</i> causes: 1. Quail enteritis 2. Limber neck disease 3. Necrotic enteritis 4. Gangrenous dermatitis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
69	61049		4.0	1.00

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

Name of the virus	Disease caused in poultry
(A). Coronavirus	(I). Newcastle Disease
(B). Herpesvirus	(II). Infectious bronchitis
(C). Paramyxovirus	(III). Hydropericardium syndrome
(D). Adenovirus	(IV). Infectious laryngotracheitis

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70	61050	Mulberry heart disease in pigs is caused by 1. Deficiency of Vitamin E 2. Deficiency of Selenium 3. Deficiency of both Vitamin E and Selenium 4. Excess of Vitamin E and selenium A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

71	1001201	Historically, In India, first Department/Division of Veterinary Public Health was established at: 1. Indian Veterinary Research Institute 2. Punjab Agricultural University 3. Anand Agricultural University 4. GB Pant University of Agriculture and Technology A1 : 1	4.0	1.00
----	---------	--	-----	------

A2 : 2

A3 : 3

A4 : 4

Objective Question

72	1001202	Which Veterinary institution in India deals with resarch and diagnostic work on Exotic diseases in country? 1. National Institute of Virology 2. National Centre for Disease Control and Prevention 3. Indian Veterinary Research Institute 4. National Institute of High Security Animal Diseases A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

73	1001203		4.0	1.00			
Match List-I with List-II							
List-I		List-II					
(Institute)		(Location)					
(A). Project Directorate on FMD		(I). Bengaluru					
(B). National Institute of Veterinary Epidemiology and Disease Informatics		(II). Bareilly					
(C). National Centre for Disease Control and Prevention		(III). New Delhi					
(D). Centre for Animal Disease Research and Diagnosis		(IV). Mukteshwar					
Choose the correct answer from the options given below:							
1. (A) - (IV), (B) - (I), (C) - (II), (D) - (III)							
2. (A) - (IV), (B) - (I), (C) - (III), (D) - (II)							
3. (A) - (I), (B) - (IV), (C) - (II), (D) - (III)							
4. (A) - (I), (B) - (IV), (C) - (III), (D) - (II)							
A1 : 1							
A2 : 2							
A3 : 3							
A4 : 4							

Objective Question

74	1001204		4.0	1.00
----	---------	--	-----	------

In an epidemiological study of a disease, Relative Risk of factor 'X' is calculated as 0.50. It indicates that:

- (A). The chances of occurrence of disease is lower when the factor 'X' is present.
- (B). The chances of occurrence of disease is higher when the factor 'X' is present.
- (C). The chances of occurrence of disease is half when the factor 'X' is present.
- (D). The chances of occurrence of disease is half when the factor 'X' is absent.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75	1001205	Among the following, choose the correct statements. (A). Descriptive epidemiology works to gather data on 'When, Where and Who' of an outbreak. (B). Descriptive epidemiology works to identify 'Why and How' of an outbreak. (C). Analytical epidemiology works to gather data on 'When, Where and Who' of an outbreak. (D). Analytical epidemiology works to identify 'Why and How' of an outbreak. Choose the correct answer from the options given below: 1. (B) only. 2. (C) only. 3. (B) and (C) only. 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

76	1001206		4.0	1.00
----	---------	--	-----	------

In a cross-sectional study on a farm, 30% of animals were diseased. Which of the following epidemiological term will be used to denote this data?

1. Point prevalence
2. Period prevalence
3. Cumulative incidence
4. Incidence rate

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

77	1001207	Among the following, which bacteria will have greater chances of survival during High Temperature Short Time Pasteurization of milk? 1. <i>Bacillus cereus</i> spores 2. <i>Coxiella burnetii</i> 3. <i>Mycobacterium bovis</i> 4. <i>Brucella abortus</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

78	1001208	Among the following, choose the correct statements regarding Platform Tests for milk. (A). Platform Tests help in determination of heat processing which can be applied on milk (B). Methylene Blue Reduction Test is a platform test. (C). Clot on Boiling is a platform test. (D). Total Viable Count is a platform test. Choose the correct answer from the options given below: 1. (B), (C) and (D) only. 2. (A), (C) and (D) only. 3. (A), (B), (C) and (D). 4. (A) and (C) only. A1 : 1 A2 : 2	4.0	1.00
----	---------	--	-----	------

A3 : 3

A4 : 4

Objective Question

79

1001209

4.0

1.00

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

List-I	List-II
(Name of adulterant in milk)	(Test used to detect adulterant)
(A). Formalin	(I). Iodine
(B). Cane sugar	(II). Rosolic acid test
(C). Sodium bicarbonate	(III). Hehner Test
(D). Starch	(IV). Resorcinol test

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

80	1001210	Choose the correct statements regarding quality control tests of milk: (A). In Direct Microscopic Count, Methylene Blue stain is used. (B). Limulus amoebolysate method is used to detect endotoxins (C). Hansa test is used to differentiate cattle milk and buffalo milk (D). Resazurin test is a dye reduction assay. Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (C) and (D) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3	4.0	1.00
----	---------	--	-----	------

A4 : 4

Objective Question

81 1001211

4.0 1.00



On Postmortem inspection in slaughter house, above lesions were found in the tongue (cut from dorsal side) of a buffalo. Which disease could be suspected?

1. FMD
2. Actinobacillosis
3. Actinomycosis
4. Vesicular Stomatitis

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82 1001212

4.0 1.00

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

List-I	List-II
(Pathogen)	(Virulence factor)
(A). ETEC	(I). LLO
(B). EHEC	(II). LT and ST
(C). <i>Listeria monocytogenes</i>	(III). Thermonuclease
(D). <i>Staphylococcus aureus</i>	(IV). Stx1 and Stx2

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

83	1001213	Choose the correct statement regarding antemortem examination of animals (A). Rabies disease is identified by the neurological signs (B). Black quarter disease is identified by the neurological signs (C). Fractures are identified by locomotor disturbances (D). Tuberculosis may be suspected on the basis of hide bound condition Choose the correct answer from the options given below: 1. (A) and (D) only. 2. (A) and (C) only. 3. (A), (B), (C) and (D). 4. (A), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

84	1001214	Choose the Correct Statements regarding <i>Salmonella</i> infection: (A). <i>Salmonella enteritidis</i> has high affinity for ovary of poultry. (B). <i>Salmonella typhimurium</i> has high affinity for ovary of poultry. (C). <i>Salmonella typhimurium</i> is causing Nontyphoidal salmonellosis in humans. (D). <i>Salmonella typhi</i> is causing typhoidal salmonellosis in humans. Choose the correct answer from the options given below: 1. (B) and (D) only. 2. (B) and (C) only. 3. (A), (C) and (D) only. 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

85	1001215		4.0	1.00
----	---------	--	-----	------

For membrane filtration analysis of food samples for *Escherichia coli* bacteria, the membrane filter to be used should have a pore size of:

1. 0.45 micron
2. 2.2 micron
3. 4.5 micron
4. 6.2 micron

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

86	1001216	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Full blown canned food items should never be consumed. Reason (R) : Bacteria, which grow aerobic, lead to blowing of canned food items. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below . 1. Both (A) and (R) are correct and (R) is the correct explanation of (A). 2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A). 3. (A) is correct but (R) is not correct. 4. (A) is not correct but (R) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

87	1001217	What is True for <i>Taenia solium</i> life cycle? (A). Man is the definitive host (B). Man may act as intermediate host (C). Pig is the intermediate host (D). Pig may act as definitive host Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (B) and (D) only. 3. (A) (B) and (C) only. 4. (A), (B), (C) and (D).	4.0	1.00
----	---------	--	-----	------

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88 1001218

4.0 1.00

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

List-I	List-II
(Zoonotic Disease)	(Vaccine)
(A). Yellow Fever	(I). SA 14-14-2
(B). Japanese Encephalitis	(II). 14D
(C). Caprine brucellosis	(III). <i>Brucella melitensis</i> Rev1
(D). Bovine brucellosis	(IV). <i>Brucella abortus</i> S19

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

89 1001219

4.0 1.00

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

List-I	List-II
(Disease)	(Diagnostic test)
(A). Rabies	(I). Microscopic Agglutination Test
(B). Tuberculosis	(II). Casoni Skin test
(C). Leptospirosis	(III). Direct FAT
(D). Echinococcosis	(IV). Interferon - Gamma

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

90 1001220

4.0 1.00

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

Assertion (A) : Imparting health education to farmers is a two way process.

Reason (R) : Because Trainer as well as Learner have active discussion and participation in the process.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

91 1001221

4.0 1.00

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

Assertion (A) : *Brucella abortus* S19 vaccine is infectious to humans.

Reason (R) : Because *Brucella abortus* S19 is a killed inactivated vaccine.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

92	1001222	Which country of world has highest number of human deaths due to Rabies? 1. India 2. Democratic Republic of Congo 3. Philippines 4. Namibia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

93	1001223	What is true for Japanese Encephalitis (JE)? (A). <i>Aedes aegypti</i> is the main vector for JE transmission (B). Monkeys are the reservoir of JE (C). Disease is important in children of less than 15 years (D). 14D vaccine is used in control and prevention Choose the correct answer from the options given below: 1. (A), (B) and (C) only. 2. (A), (B) and (D) only. 3. (B) and (C) only. 4. (C) only. A1 : 1	4.0	1.00
----	---------	---	-----	------

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
94	1001224	Antigenic shift is frequently reported in Influenza A virus because Influenza A virus has eight segmented genome of the following kind: 1. ds RNA 2. ss RNA 3. ds DNA 4. ss DNA A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
95	1001225	Formation of pseudomembrane in mouth of human infants is associated with which of the following fungal disease? 1. Histoplasmosis 2. Ringworm 3. Blastomycosis 4. Candidiasis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
96	1001226	Among random sampling, which sampling method classify the animals into groups on the basis of certain criteria and reduces the variance among sampling units sampled ? 1. Simple Random sampling 2. Systematic Random sampling 3. Stratified Random sampling 4. Cluster sampling A1 : 1	4.0	1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

97 1001227

4.0 1.00

A contagious disease transmission continues to occur only when:

1. $R_0 = 0$
2. $R_0 = 1$
3. $R_0 > 1$
4. $R_0 < 1$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

98 1001228

4.0 1.00

The chlorine used in water disinfection belongs to the category of:

1. Zeolites
2. Reducing agent
3. Amphoteric agent
4. Oxidizing agent

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

99 1001229

4.0 1.00

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

List-I	List-II
(Water quality parameter)	(Test used to measure quality parameter)
(A). Fecal contamination	(I). Orthotoluidine test
(B). Hardness	(II). Differential Coliform Test
(C). Free Chlorine	(III). Nephelometry
(D). Turbidity	(IV). Titration with a chelating agent

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

100 1001230

4.0 1.00

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

Assertion (A) : Arsenic Toxicity by water consumption is of concern in Bangladesh.

Reason (R) : There have been Arsenic containing rocks in geographical landscape of Bangladesh.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

101 1001231

4.0 1.00

Which of the following is true for 'activated sludge method'?

1. The method is used to increase Biochemical Oxygen Demand of sewage.
2. The method is used to reduce Biochemical Oxygen Demand of sewage.
3. The method does not have any relationship with Biochemical Oxygen Demand of sewage.
4. The method is not used in sewage treatment.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102	1001232	The maximum permissible limit of fluoride in drinking water is: 1. 4.5 mg/litre 2. 3.5 mg/litre 3. 2.5 mg/litre 4. 1.5 mg/litre A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

103	1001233	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Kyasanur Forest Disease (KFD) outbreaks in humans are reported from November to May. Reason (R) : The disease to humans is transmitted on accidental bite by nymphal stage of <i>Haemaphysalis spinigera</i> from November to May. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below . 1. Both (A) and (R) are correct and (R) is the correct explanation of (A). 2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A). 3. (A) is correct but (R) is not correct. 4. (A) is not correct but (R) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

1041001234

4.01.00

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

List-I	List-II
(Media used in isolation)	(Bacteria)
(A). Hektoen Enteric Agar	(I). <i>Salmonella</i>
(B). EMJH	(II). <i>Leptospira</i>
(C). Lowenstein Jensen Medium	(III). <i>Listeria</i>
(D). University of Vermont Medium	(IV). <i>Mycobacterium tuberculosis</i>

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

105	1001235	The transmission of <i>Babesia</i> in <i>Boophilus</i> ticks involves: - Developmental transmission - Propagative transmission - Cyclopropagative transmission - Mechanical transmission A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

106	1001236	As per CPCSEA guidelines, temperature inside the experimental rat house facility should be: 0-4°C 18-29°C 37-45°C 45-50°C	4.0	1.00
-----	---------	---	-----	------

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
107	1001237	Sterne spore vaccine of Anthrax is deficient for which of the plasmids? 1. pXO1 2. pXO2 3. Both pXO1 and pOX2 4. <i>Bacillus anthracis</i> does not contain plasmid naturally. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
108	1001238	Weil Felix Test involves the usage of following bacterial culture(s): 1. <i>Yersinia enterocolitica</i> O:9 2. <i>Vibrio cholerae</i> 3. <i>Proteus mirabilis</i> and <i>Proteus vulgaris</i> 4. <i>Leptospira canicola</i> and <i>Leptospira hardjo</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
109	1001239		4.0	1.00

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

Assertion (A) : Dengue is a zoonotic disease.

Reason (R) : Primates are important animal reservoir of dengue virus.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110	1001240	Gestation period in rats is of: 1. 4-5 days 2. 10-15 days 3. 17-21 days 4. 20-22 days A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

111	1001241	Which of the following is incorrect about Aflatoxins? 1. Aflatoxins are produced by the Bacteria during rainy season in the feed. 2. Aflatoxins are carcinogenic in nature 3. Aflatoxin M1 secreted in the milk of cattle is heat stable 4. Aflatoxins are responsible for Aflatoxicosis disease in poultry A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

112	1001242		4.0	1.00
		What is true for the Psychrotrophic bacteria? (A). They are capable to grow at <5°C but optimum growth is at 15-25°C. (B). They are capable to grow at 15-25°C but optimum growth is at <5°C. (C). They are responsible for food spoilage through production of heat stable enzymes. (D). <i>Listeria monocytogenes</i> is a psychrotroph. Choose the correct answer from the options given below: 1. (B), (C) and (D) only. 2. (A), (C) and (D) only. 3. (B) and (D) only. 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4		

Objective Question

113	1001243		4.0	1.00
		Among the following, which can be detected during postmortem examination of pigs by visual inspection? 1. <i>Cysticercus cellulosae</i> 2. <i>Trichinella spiralis</i> 3. <i>Yersinia enterocolitica</i> 4. <i>Campylobacter jejuni</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4		

Objective Question

114	1001244		4.0	1.00

Arrange the steps used for the isolation of *Escherichia coli*.

- (A). Gram staining
- (B). IMViC
- (C). MacConkey Agar
- (D). MacConkey broth

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

- 1. (A), (B), (C), (D).
- 2. (C), (D), (A), (B)
- 3. (D), (C), (A), (B).
- 4. (D), (C), (B), (A)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

115	1001245		4.0	1.00
Arrange the 'water purification' steps in a sequence. (A). Storage and Sedimentation (B). Rapid sand filtration (C). Chlorination (D). Coagulation and flocculation Choose the correct answer from the options given below: 1. (A), (B), (C), (D). 2. (A), (D), (B) (C), 3. (B), (A), (D), (C). 4. (C), (B), (A), (D). A1 : 1 A2 : 2 A3 : 3 A4 : 4				

Objective Question

116	1001246		4.0	1.00

Choose the correct statement regarding Biosafety Cabinets and Biosafety Levels

1. There are 3 Biosafety Cabinets and 4 Biosafety Levels
2. There are 4 Biosafety Cabinets and 3 Biosafety Levels
3. There are 4 Biosafety Cabinets and 4 Biosafety Levels
4. There are 4 Biosafety Cabinets and 5 Biosafety Levels

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117	1001247	What is true for tuberculosis? (A). BCG vaccine has <i>Mycobacterium tuberculosis</i> strain. (B). BCG vaccine has <i>Mycobacterium bovis</i> strain. (C). Mantoux test is used in humans for the diagnosis of tuberculosis. (D). Comparative Intradermal Test is used in animals for diagnosis of tuberculosis. Choose the correct answer from the options given below: 1. (A), (C) and (D) only. 2. (B), (C) and (D) only. 3. (A) and (C) only. 4. (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

118	1001248	'Radappertization' is a method of food preservation by irradiating them at the dose of: 1. 0.75-2.5 KGy 2. 2.5-5 KGy 3. 5-10 KGy 4. 30-40 KGy A1 : 1 A2 : 2 A3 : 3	4.0	1.00
-----	---------	---	-----	------

A4 : 4

Objective Question

119 1001249

4.0 1.00

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

List-I	List-II
(Air Pollutant)	(Pollutant Composition)
(A). Smog	(I). Oxides of sulphur and nitrogen mixed with rain water
(B). Smust	(II). Smoke mixed with dust
(C). Acid rain	(III). Smoke mixed with fog
(D). Green house effect	(IV). Entrapment of heat by the gaseous blanket around the earth

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 1001250

4.0 1.00

Choose the correct statments from the followings for Nipah virus.

- (A). Nipah virus was first time detected in India in Siliguri in 1999.
- (B). Nipah virus belongs to *Orthomyxoviridae*
- (C). Fruit eating bats have a major role in its transmission
- (D). Human to human transmission is reported

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

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

A1 : 1

A2 : 2

A3 : 3

