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Total Number of pages 16

B.V.Sc. & A.H. (Third Professional) Examination – 2025

Veterinary Public Health and Epidemiology Paper - II

(MSVE 2016)

To be filled by the candidate:

Candidate's Roll Number:

In figure

In words

Candidate's Enrolment Number:

Day and date of examination:

Please see for general instructions overleaf.

Signatures of invigilators verifying the details filled by the candidate

Signature of invigilator 1: 2:

Candidate should not write anything below this line

Marks to be filled by the examiner:

Section A	
Q. No.	Marks
1.	
2.	
3.	
4.	
5.	
Total	

Total Marks obtained:

In figures: In words:

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Signature of examiner:

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B.V.Sc. & A.H. (Third Professional) Examination – 2025
Veterinary Public Health and Epidemiology Paper - II
(MSVE 2016)

Time: Three Hours

Maximum Marks: 100

Weightage: 20

Unit-3 (Zoonotic Diseases)

Unit-4 (Environmental Hygiene)

Instructions:

1. Attempt all the questions
2. Answer to all the questions must be written in the space provided along with the questions in the question booklet
3. Overwriting and cutting are not allowed in the objective type questions.

Q.1. Fill in the Blanks

(20x0.5=10)

- 1.1 Parrot fever is caused by _____
- 1.2 The unit of radioactive decay which refers to 37 billion atoms decaying per second _____
- 1.3 The gas leaked during Bhopal gas tragedy in 1984 was _____
- 1.4 Classically nitrogen poisoning occurs in scuba divers that breathe compressed nitrogen is called _____
- 1.5 Guillian Barre Syndrome is a complication of _____ infection
- 1.6 The classical vector for Japanese encephalitis in India is _____
- 1.7 The main vector for Kyasanur Forest Disease is _____
- 1.8 A DIVA vaccine for Brucellosis _____
- 1.9 Moon blindness in horses is associated with _____ disease.
- 1.10 _____ pollution/toxicity is manifested by teeth grinding and laryngeal paralysis (roaring sound) in cattle.
- 1.11 _____ coined the term 'Zoonosis'.
- 1.12 _____ coordinates all the activities related to the control of environmental pollution in India at national level.
- 1.13 Wildlife Protection Act was promulgated in the year _____
- 1.14 Noise level beyond _____ may cause major and permanent impairment in man in a short time period.

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- 1.15 Prolonged exposure to Chlorine in swimming pools can cause enamel erosion of the teeth of frequent swimmers, known as _____
- 1.16 The aircrafts including both commercial and supersonic jets, primarily fly in _____ layer of the atmosphere
- 1.17 Minamata disease is caused due to toxicity of _____
- 1.18 Occupational disease of lung caused by inhalation of sugarcane dust _____
- 1.19 Darling's disease is caused by _____
- 1.20 The amount of carbon dioxide in exhaled air is _____ %.

Q.2 Choose the most appropriate answer and write the number of correct answer 1 or 2 or 3 or 4 in the space given against each question (20x0.5=10)

- 2.1 The main reservoir of KFD disease are _____ ()
1. Cattle
 2. Pig
 3. Monkeys
 4. Horse
- 2.2 Which of the following statements is not true about the ozone layer present in the atmosphere? _____ ()
1. The ozone layer is present in the troposphere
 2. It is very essential for the survival of human beings as it absorbs harmful UV rays in the sunlight
 3. It is a colorless, odorless gas
 4. The concentration of atmospheric ozone is measured in dobson unit.
- 2.3 Which of the following is not a greenhouse gas? _____ ()
1. Carbon dioxide
 2. Nitrogen
 3. Ozone
 4. Water vapor
- 2.4 Which of the following is an example of non obligatory cyclozoonoses _____ ()
1. Cysticercosis
 2. Hydatidosis
 3. VLM
 4. Leptospirosis
- 2.5 The type of zoonoses that require two or more vertebrate host for completion of life cycle _____ ()
1. Cyclozoonoses
 2. Saprozoonoses
 3. Direct zoonoses
 4. Metazoonoses

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- 2.6 Example of a metazoosis requiring two vertebrate and one invertebrate hosts is ()
1. Ancylostomiasis
 2. Paragonimiasis
 3. Toxoplasmosis
 4. Clonorchiasis
- 2.7 The OIE reference laboratory for Rabies is located at ()
1. Veterinary College, Bengaluru
 2. NIHSAD, Bhopal
 3. NIV Pune
 4. IVRI, Bareilly
- 2.8 Anton's eye test is used for the diagnosis of ()
1. Leptospirosis
 2. Listeriosis
 3. Salmonellosis
 4. Anthrax
- 2.9 *Clostridium perfringens* type ___ has been reported as most common cause of food poisoning world over. ()
1. Type A
 2. Type B
 3. Type C
 4. Type D
- 2.10 Japanese Encephalitis virus is classified within the genus ()
1. Toga virus
 2. Rhabdo virus
 3. Flavi virus
 4. Filo virus
- 2.11 Prion proteins are responsible for which of the following disease? ()
1. Mad cow disease
 2. Ebola disease
 3. Marburg disease
 4. Autumnal fever
- 2.12 The Kyoto protocol an international treaty was held in the year ()
1. 12 Dec, 1997
 2. 11 Dec, 1997
 3. 21 Dec, 1997
 4. 31 Dec, 1997
- 2.13 Symbol of bio hazard was developed for the first time by ()
1. Charles L Baldwin
 2. Robert S. ankle
 3. James M Jay
 4. Bill Ray

- 2.14 Which of the following is not an example of direct zoonosis ()
1. Yellow fever
 2. Rabies
 3. Leptospirosis
 4. Brucellosis
- 2.15 Which of the following species of *Brucella* is the most pathogenic to human ()
1. *Brucella abortus*
 2. *Brucella melitensis*
 3. *Brucella suis*
 4. *Brucella canis*
- 2.16 World Zoonoses Day is celebrated on ()
1. 1st June
 2. 2. 5th June
 3. 3. 6th June
 4. 4. 6th July
- 2.17 Swimming pool granuloma in humans is caused by ()
1. *Mycobacterium tuberculosis*
 2. *Mycobacterium paratuberculosis*
 3. *Mycobacterium marinum*
 4. *Mycobacterium africanum*
- 2.18 The Sabin and Feldman Dye test is used for the diagnosis of ()
1. Hydatidosis
 2. Toxoplasmosis
 3. Plague
 4. Leptospirosis
- 2.19 Which of the following organism causes abattoir fever? ()
1. *Coxiella burnetii*
 2. *Chlamydia psittaci*
 3. *Leptospira*
 4. None of the above
- 2.20 Which of the following is the greatest source of lead pollution in the atmosphere? ()
1. leaded petroleum
 2. Unleaded petroleum
 3. Natural gas
 4. None of the above

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**Q.3. Attempt any 10 out of the following 12 questions and answer in 2-3 lines
(10x2.0=20)**

3.1 Orthozoonoses

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3.2 Amphixenoses

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3.3 Impingement

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3.4 Ozone Hole

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3.5 Weil's Disease

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3.6 Marker Vaccine

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3.7 Symptoms of Arsenic toxicity in animals

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3.8 Rendering

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3.9 Berkefeld filter

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3.10 Bagassosis

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3.11 Anthrax tripartite toxin

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3.12 Candidiasis

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4.3 Acid rain

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4.4 Radioactive Pollution

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4.5 Brucella vaccines

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4.6 Pre and Post Rabies vaccination

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4.7 Pneumoconiosis

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4.8 Oxidation pond

Q. 5. Answer the following questions in 1-2 pages (attempt any 2) (2x12=24)

- 5.1 Define Zoonosis, emerging and remerging zoonosis along with appropriate examples. Classify zoonosis on the basis of transmission cycle and cite examples in each case
- 5.2 What is biogas? What is the utility of a biogas plant? How does it recycle farm waste at village level? Outline the functioning of a biogas plant with a well labelled diagram.
- 5.3 What are prion diseases? Discuss their classification along with examples. Explain in detail about one human and one animal prion disease