

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO.

2019

TEST BOOKLET

TEST BOOKLET SERIES

Time allowed : $1\frac{1}{2}$ hours

Full marks : 100

Answer *all* the questions.

Questions are of equal value.



Serial No. **0397**

Roll No.

Signature of the Candidate:

INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions:

1. This booklet consists of 12 pages including this front page, containing 100 questions. **Verify the Page Nos. and Test Booklet series on each page and bring at once to the Invigilator's notice any discrepancy.**
2. Answers will have to be given in the Special Answer-Sheet supplied for the purpose.
3. Before you proceed to mark in the Answer-Sheet in response to various items in the Test Booklet, you have to fill in some particulars in the Answer-Sheet as per instructions sent to you in the Admit Card. **Do not fold the Answer-Sheet as this will result in error in your marks.**
4. All questions are of multiple-choice answer-type. You will find **four** probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the circle corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
5. One and only one circle is to be fully blackened for answer. Any spot in any other circle (multiple circle) or in wrong circle will be considered as wrong answer. If more than one circle is encoded for a particular answer, it will be treated as a wrong answer.
6. **There will be negative marking of $\frac{1}{3}$ mark for each wrong answer.**
7. **There is a blank page at the end of this Booklet for Rough Work.**
8. **The Special Answer-Sheet should be handed over to the Invigilator before leaving the Examination Hall. You are permitted to take away the used Test Booklet after completion of the examination.**

1. Which country's Parliament has become the first national legislative body in the world to declare an environment and climate emergency?
 - (A) United Kingdom
 - (B) United States of America
 - (C) Russia
 - (D) China

2. The Suez Canal is situated in
 - (A) Nigeria
 - (B) Libya
 - (C) Egypt
 - (D) Palestine

3. Where was G20 Summit held in 2019?
 - (A) Saudi Arabia
 - (B) Argentina
 - (C) China
 - (D) Japan

4. The grass is digested in the rumen of a cow through
 - (A) Enzymes
 - (B) Hydrolysis
 - (C) Oxidation
 - (D) Microbes

5. In case of suspected poisoning in cow, the materials to be preserved and send
 - (A) Stomach content
 - (B) Intestinal content
 - (C) Liver & Spleen
 - (D) All of the above

6. Star gazing posture in poultry may be observed due to deficiency of
 - (A) Riboflavin
 - (B) Biotin
 - (C) Thiamin
 - (D) Pyridoxin

7. Full form of SENSEX is
 - (A) Sensex Index
 - (B) Sensitive Index
 - (C) Sensitive Export
 - (D) Sensor Index

8. Which is the largest automobile manufacturing company in the World in 2019?
 - (A) Toyota
 - (B) BMW
 - (C) Ford
 - (D) Volkswagon

9. 'If you join office today, please meet me.'—
Is a/an
 - (A) Simple sentence
 - (B) Compound sentence
 - (C) Complex sentence
 - (D) Interrogative sentence

10. The FMD virus can survive in the infected premises for
 - (A) 3 months
 - (B) 6 months
 - (C) 9 months
 - (D) 12 months

11. The fourth proportional to 7, 11, 14 is
(A) 16
(B) 18
(C) 20
(D) 22
12. If the radius of a circle is increased by 10%, then percentage of increase of its area is
(A) 17
(B) 21
(C) 12
(D) 15
13. Mycotoxins are produced by
(A) Bacteria
(B) Fungus
(C) Mycoplasma
(D) Protozoa
14. 'Shut the door.'—Here the subject of the sentence, which is silent, should be
(A) I
(B) You
(C) He
(D) They
15. Milk of buffalo contains an ingredient which is more than cow—
(A) Fat
(B) Protein
(C) Iron
(D) Water
16. R. B. C. is nucleated in
(A) Rat
(B) Man
(C) Fowl
(D) Pig
17. If 21 is added to a number, it becomes 7 less than thrice of the number. Then the number is
(A) 16
(B) 14
(C) 18
(D) 19
18. The police said that on Thursday, _____ found an abandoned suitcase in the Central Park. [Fill in the blank with suitable word]
(A) they
(B) we
(C) it
(D) he
19. The headquarters of NASA is located in
(A) Washington DC
(B) New York
(C) Chicago
(D) Los Angeles
20. It will not be possible to feed so many people _____ exhausting all the available rations. [Fill in the blank with the most suitable adverbial phrase]
(A) even as
(B) even before
(C) even beyond
(D) even after

Please Turn Over

21. The prevention of cruelty to Animal Act was enacted in the year
(A) 1955
(B) 1980
(C) 1940
(D) 1960
22. Push the table _____ the wall. [Fill in the blank with the most appropriate preposition]
(A) to
(B) before
(C) up
(D) against
23. Vitamin which may stain the urine is
(A) Vitamin D
(B) Vitamin B₁
(C) Vitamin B₆
(D) Nicotinamide
24. The girl has _____ her grandmother. [Fill in the blank with the most appropriate phrasal verb]
(A) taken in
(B) taken up
(C) taken to
(D) taken after
25. Kidneys are lobulated in
(A) Horse
(B) Sheep
(C) Dog
(D) Fowl
26. Honey comb appearance is a characteristics of
(A) Rumen
(B) Omasum
(C) Reticulum
(D) Abomasum
27. Milk fever in cow can be treated with
(A) Calcium
(B) Phosphorus
(C) Sodium
(D) Potassium
28. Red urine in cow occurs due to
(A) Babesia
(B) Theilaria
(C) Toxoplasma
(D) Eimeria
29. Dental disorders occur in cow due to excess of
(A) Chloride
(B) Iodide
(C) Fluoride
(D) Bromide
30. Find the last term in the sequence.
30, 90, 182, 306, 462, ?
(A) 484
(B) 542
(C) 678
(D) 650

31. Milk hygiene is concerned with
(A) Milk-man
(B) Animal
(C) Utensil
(D) All of the above
32. Which is not the common system of goat farming?
(A) Extensive system
(B) Intensive system
(C) Semi intensive system
(D) Loose housing system
33. Most common source of lead toxicity is
(A) Pond water
(B) Tubewell water
(C) Paint-Can
(D) Milk
34. Antidote for organophosphorus poisoning is
(A) Vitamin K
(B) Nalorphine
(C) Paralidoxime
(D) Endrophanium
35. Conjunctival mucus membrane in cow is
(A) Roseate
(B) Reddish tinged
(C) Pale roseate
(D) Pale pink
36. When was Indian National Congress formed?
(A) 1882
(B) 1885
(C) 1888
(D) 1875
37. This newly-married husband and wife apparently get along nicely. [Pick the phrasal verb from the following which means the opposite of the underlined phrase]
(A) fall in
(B) fall through
(C) fall out
(D) fall for
38. Which state has published the final draft of National Register of Citizens?
(A) Arunachal Pradesh
(B) Assam
(C) Tripura
(D) Meghalaya
39. Paracetamol is not indicated in
(A) Dog
(B) Cattle
(C) Horse
(D) Cat
40. Pathological material to be preserved for despatch in
(A) Normal saline
(B) 10% Dextrose
(C) 10% Formalin
(D) Ringer Lactate

Please Turn Over

41. In cow, number of thoracic vertebrae is
(A) 12
(B) 13
(C) 14
(D) 15
42. $4^{91} + 4^{92} + 4^{93} + 4^{94}$ is divisible by
(A) 17
(B) 13
(C) 11
(D) 3
43. Bottle jaw condition appears in calf due to
(A) Fasciola
(B) Para amphistomes
(C) Dicrocoelium
(D) Dirofilaria
44. Decreased rumen motility may occurs in
(A) Fever
(B) Hepatitis
(C) Pancreatitis
(D) Oestrus
45. Insulin is secreted from pancreatic
(A) α - cell
(B) β - cell
(C) γ - cell
(D) δ - cell
46. If 120% of a is equal to 80% of b , then $\frac{b+a}{b-a}$ is equal to
(A) 6
(B) 7
(C) 5
(D) 8
47. Time of ovulation in cow is
(A) 30-36 hrs from oestrus
(B) 11-12 hrs after the onset of oestrus
(C) 20-30 hrs of oestrus
(D) 5-8 hrs of oestrus
48. Lock Jaw condition is seen in
(A) Rabies
(B) Strichnine poisoning
(C) Toxaemia
(D) Tetanus
49. Sodium chloride should not be used in
(A) Panting
(B) Heat stroke
(C) Abomasal impaction
(D) Ascites
50. According to Green Peace Data which country is the largest emitter of SO_2 ?
(A) China
(B) Russia
(C) South Africa
(D) India

51. In case of artificial insemination the semen is deposited in
- (A) Vagina
 - (B) Os-cervix
 - (C) beyond cervix
 - (D) Vulva
52. Injectable antiworm drug is
- (A) Thiabendazole
 - (B) Piperazine
 - (C) Albendazole
 - (D) Ivermectin
53. By selling an article for Rs. 1,400 a man lost 30%. At what per cent should he have sold it to gain 30%?
- (A) Rs. 2,600
 - (B) Rs. 1,500
 - (C) Rs. 1,800
 - (D) Rs. 2,000
54. Which of the following country has not tested nuclear weapons?
- (A) India
 - (B) Pakistan
 - (C) North Korea
 - (D) South Korea
55. Mr. Arun Jaitley was former minister of
- (A) Finance
 - (B) Defence
 - (C) External Affairs
 - (D) Home Affairs
56. In USA, where is Silicon Valley situated?
- (A) Florida
 - (B) California
 - (C) Texas
 - (D) Colorado
57. Which is the milch breed cow?
- (A) Red Sindhi
 - (B) Nagori
 - (C) Amritmahal
 - (D) Malvi
58. Rodents can be killed by
- (A) DDT
 - (B) Endrin
 - (C) Malathion
 - (D) Warfarin
59. The scientist claimed that environmental pollution _____ roused strong fears among the scientists about the future of the world. [Fill in the blank with suitable verb]
- (A) has
 - (B) have
 - (C) had
 - (D) will
60. The capital of Finland is
- (A) Helsinki
 - (B) Copenhagen
 - (C) Brussels
 - (D) Sophia

Please Turn Over

61. Which was the second capital of emperor Akbar?

- (A) Delhi
- (B) Agra
- (C) Fatepur Sikri
- (D) Patna

62. In deshi cow, anoestrus is due to deficiency of

- (A) Vitamin B complex
- (B) Vitamin A only
- (C) Vitamin E only
- (D) Both Vitamin A and E

63. The ratio of the quantities of an acid and water in a mixture is 1 : 3. If 5 litres of acid is further added to the mixture, the new ratio becomes 1 : 2, the quantity of new mixture in litres is

- (A) 32
- (B) 40
- (C) 42
- (D) 45

64. If 30% of $(b - a) = 18\%$ of $(b + a)$, then the ratio $a : b$ is equal to

- (A) 4 : 1
- (B) 5 : 9
- (C) 5 : 4
- (D) 1 : 4

65. 'The sight of the old Himalayas in the morning, clad in pure snow, always _____ me! [Fill in the blank with the most appropriate word usage]

- (A) inspires
- (B) stimulates
- (C) ignites
- (D) influences

66. Which of the following country signs agreement with India to upgrade railway lines?

- (A) Russia
- (B) Sri Lanka
- (C) Bangladesh
- (D) China

67. Goat may die of pox infection due to

- (A) Dehydration
- (B) Anoxic anoxia
- (C) Septicaemia
- (D) Toxaemia

68. When my son, Bibhu, was in primary school, _____ would have a big discussion every other day about how to celebrate birthdays. [Fill in the blank with suitable word]

- (A) I
- (B) he
- (C) we
- (D) us

69. Which country has suggested the name of the cyclone 'Fani'?

- (A) Maldives
- (B) Myanmar
- (C) Oman
- (D) Bangladesh

70. Which breed is worst victim of F.M.D.?

- (A) Jersey
- (B) Deshi
- (C) Haryana
- (D) Sahiwal

71. Gid is most common in
(A) Pig
(B) Cattle
(C) Poultry
(D) Goat
72. Functions of extension education are
(A) change in knowledge, attitude and skill.
(B) change in understanding.
(C) change in goal and confidence.
(D) All of the above
73. The least number which must be subtracted from 2361 to make it a perfect square is
(A) 57
(B) 77
(C) 67
(D) 47
74. The ratio of two numbers is 4 : 5. Their H.C.F. is 5. Their L.C.M. is
(A) 20
(B) 100
(C) 25
(D) 400
75. 'The painting is indeed very well done.'—
The word 'very' in the sentence is
(A) an adverb
(B) an adjective
(C) a superlative degree word
(D) an infinitive
76. A calf weighing 35kg should get at least colostrum of following weight within 5 hrs:
(A) 1½ kg
(B) 2½ kg
(C) 2 kg
(D) 500 gm
77. Which of the agent can be given intravenously?
(A) Ivermectin
(B) Vaccine
(C) Liver extract
(D) Penicillin
78. Which gas is not emitted from cattle house?
(A) Ammonia
(B) Hydrogen Sulphate
(C) Methane
(D) Oxygen
79. Pin point haemorrhage in R.D. occurs in
(A) Proventriculus
(B) Spleen
(C) Kidney
(D) Liver
80. A train 150 metres long passes a tree in 12 seconds. It will pass a tunnel of 250 metres long in
(A) 26 seconds
(B) 32 seconds
(C) 20 seconds
(D) 25 seconds

Please Turn Over

81. 'I failed to _____ that a bus was taking a turn at the corner in front.' [Fill in the blank with the most appropriate word usage]

- (A) observe
- (B) notice
- (C) see
- (D) look

82. $\frac{(0.9)^2 - (0.3)^2}{0.6}$ is equal to

- (A) 1.2
- (B) 1.3
- (C) 0.6
- (D) 0.9

83. How can you give up the task so easily! [Pick the phrasal verb from the following which means the opposite of the underlined phrase]

- (A) keep to
- (B) keep at
- (C) keep in
- (D) keep away

84. Which material is to be despatch in rabies?

- (A) Spleen
- (B) Kidney
- (C) Liver
- (D) Brain

85. To lower body temperature the drug of choice is

- (A) Phenyl butazone
- (B) Nimusulamide
- (C) Aspirin
- (D) Paracetamol

86. Metabolic acidosis may occur due to

- (A) Gastric reflux
- (B) Chloride loss
- (C) Salivary loss
- (D) Ketosis

87. $\frac{5}{8}$ of 64 + 30% of ? = 121

- (A) 250
- (B) 270
- (C) 125
- (D) None of the above

88. According to the World Bank India ranked _____ largest economy in 2018.

- (A) 10 th
- (B) 8 th
- (C) 6 th
- (D) 7 th

89. Number of ribs in cattle is

- (A) 13 pairs
- (B) 18 pairs
- (C) 14 pairs
- (D) 12 pairs

90. The suitcase, full of books and stationaries, _____ lost yesterday. [Fill in the blank with suitable verb]

- (A) is
- (B) was
- (C) were
- (D) had been

91. Phrenic nerve supply the
(A) Pharynx
(B) Diaphragm
(C) Heart
(D) Penis
92. Death occurs in mastitis due to
(A) Dehydration
(B) Toxaemia
(C) Bacteraemia
(D) Ulceration
93. 64th Filmfare Award, 2018 for best feature film in Hindi went to
(A) Razi
(B) Sanju
(C) Andhadhun
(D) Badhai Ho
94. Which volatile fatty acid (VFA) is not produced in ruminal digestion of cellulose?
(A) Acetic acid
(B) Propionic acid
(C) Butyric acid
(D) Aceto-acetic acid
95. The money will go _____ building a new school building. [Fill in the blank with the most appropriate preposition]
(A) to
(B) in
(C) for
(D) towards
96. The Directive Principles of State Policy are enshrined in _____ of Indian Constitution.
(A) Part V
(B) Part VI
(C) Part III
(D) Part IV
97. Best dilution of alcohol used as an antiseptic is
(A) 70%
(B) 80%
(C) 90%
(D) 100%
98. Tetanus is a feature in
(A) Gastritis
(B) Tetanus
(C) Strichnine poisoning
(D) Dysentery
99. In which year did Rabindranath Tagore receive the Nobel Prize in Literature?
(A) 1910
(B) 1913
(C) 1914
(D) 1917
100. $\left(\frac{1}{10}\right)$ th of $\left(\frac{2}{4}\right)$ th of a number is 240. What is the number?
(A) 12
(B) 48
(C) 1200
(D) 4800

LVT/19

A-12

Space for Rough Work

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