

SRI SAI COACHING CENTRE

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TRB – P.G. Assistant – Zoology - Model – I

Name:

Roll No.....

13.09.19

- Neo-Lamarckism states that
 - there is enormous fertility in organisms but their number always remains constant
 - like begets like
 - all the acquired characters which influence germplasm are heritable
 - the life cycle of an individuals repeats the characters which were present in its ancestors
- Which of the following statements are true in regard with three levels of struggle?
 - Intraspecific struggle is among individuals of same species.
 - Interspecific struggle occurs between individuals of different species.
 - Struggle of environment occurs between living forms against environment
 - Interspecific struggle is more intense than intraspecific struggle.

A) I, II and IV B) II, III and IV C) I, II and III D) I, III and IV
- Select the option which categorises the statements given below correctly as true (T) and false (F).
 - de Vries gave the mutation theory of evolution
 - He also described the role of genetic drift and genetic flow
 - de Vries believed that evolution was gradual.
 - He worked on *Oenothera lamarckiana* for proving his theory

A) I – T, III – T and II – F, IV – F B) II – T, III – T IV – T and I – F
C) I – T, IV – T and II – F, III – F D) II – T, III – T and I-F, IV – F
- Industrial melanism as observed in peppered moth proves that the
 - true black melanic forms raise by a reccurring random mutation
 - melanic form of the moth has no selective advantage over lighter form in industrial area
 - lighter form moth has no selective advantage either in polluted industrial area or non-polluted area
 - melanism is a pollution generated feature

5. Match the following columns:

Column – I	Column – II	Codes:	a	b	c	d
a. Homo habitis	-	1. Miocene	A) 1	3	4	2
b. Ramapithecus	-	2. Oligocene	B) 1	3	2	4
c. Homo sapiens	-	3. Pleistocene	C) 3	1	2	4
d. Parapithecus	-	4. Holocene	D) 3	1	4	2

23. Viviparity is found in
 A) Frog B) Lizard C) Snake D) Rabbit
24. Test tube babies are produced by
 A) Fertilising the egg removed from the body of the female with the husband's sperm outside in vitro culture. The zygote is transferred back.
 B) External fertilization and development in vitro culture till 32 cells stage before putting the embryo back into mother's uterus
 C) Complete development of a baby in vitro
 D) Development upto 32 cells stage and transplanting embryo in the uterus of a surrogate mother.
25. What is the function of copper – T
 A) Checks mutation B) Stops fertilization
 C) Stops zygote formation D) Stops obliteration of blastocoels
26. First cloned animal is
 A) Dog B) Molly C) Dolly sheep D) Polly sheep
27. Which one of the following characters is not typical of the class Mammalia
 A) Alveolar lungs B) Ten pairs of cranial nerves
 C) Six cervical vertebrae D) The codont dentition
28. "Portuguese man of war" is
 A) Soldier of world war I B) Portuguese soldier
 C) A sponge D) A polymorphic, colonial, coelenterate
29. Diploblastic acoelomate condition is found in
 A) Planaria B) Ascaris C) Rotifer D) Sea anemone
30. Percentage of protein is more in
 A) Lymph B) Blood C) Plasma D) W.B.C.
31. Which of the following acts as middle man
 A) W.B.C B) Plasma C) Blood D) Lymph
32. Stain for cell division
 A) Saffranin B) Aniline blue C) PAS D) Acetocarmine
33. Which structures perform the function of mitochondria in bacteria?
 A) Nucleoid B) Ribosomes C) Cell wall D) Mesosomes
34. The formation of protein can be considered as
 A) Dehydration synthesis B) Dehydration analysis
 C) Hydration synthesis D) Hydration analysis
35. Bond between phosphate and sugar in a nucleotide is
 A) H – bond B) Covalent bond
 C) Phosphodiester bond D) Sulphide bond
36. Physical basis of life is
 A) Cytoplasm B) Protoplasm C) Nucleoplasm D) Endoplasm

37. Weight of human liver is
 A) 6.0 kg B) 5.0 kg C) 3.0 kg D) 1.5 kg
38. One of the following is a difference between pulmonary respiration of frog and human
 A) Diaphragm and ribs play role in respiration in frog
 B) Lungs are respiratory organs
 C) Respiration occurs due to pressure gradient in human
 D) None of the above
39. Cellular respiration depends upon the
 A) Availability of carbohydrates in cells B) Concentration of O₂ in atmosphere
 C) Presence of nitrogen with O₂ in air D) Transport, of O₂ to the cells
40. The normal rate of respiration in man per minute is about
 A) 10 to 15 times B) 16 to 20 times C) 19 to 21 times D) 23 to 25 times
41. One of the following is not respiratory pigment
 A) Anthocyanin B) Haemoglobin C) Haemoerythrin D) Haemocfdnin
42. If benzoic acid is present in the food of mammals, it is excreted out in the form of
 A) Ornithuric acid B) Aspartic acid
 C) Uric acid D) Hippuric acid
43. Vasa rectae are pertubublar capillaries around
 A) Posterior part of alimentary canal B) PCT
 C) Loop of Henle D) DCT
44. Consider the following four statements (A-D) about certain desert animals such as kangaroo rat
 1. They have dark colour and high rate of reproduction and excrete solid urine
 2. They do not drink water, breathe at a slow rate to conserve water & have their body covered with thick hairs
 3. They feed on dry seeds & do not required drinking water
 4. They excrete very concentrated urine and do not use water to regulate body temperature
 Which two of the above statements for such animals are true?
 A) 3 and 4 B) 2 and 3 C) 3 and 1 D) 1 and 2
45. Aquous humor and vitreous humor are secreted by
 A) Iris B) Ciliary body C) Lens D) Cornea
46. The following data 20-24, 25-29, 30-34 is an example for
 A) Inclusive method B) Exclusive method
 C) Discrete method D) Over lapping method
47. The regression lines cut each other at the point of
 A) Average of X and Y B) Average of X only
 C) Average of Y only D) mean of X and Y
48. If there is an decrease in the value of one variable accompanied by an increase in the value of the other variable, the type of correlation is
 A) Negative correlation B) Positive correlation
 C) Partial correlation D) Non-linear correlation

49. Sometimes secondary data Collection is preferred because
 A) it gives more accurate and original data
 B) it is exhaustive and in raw form
 C) it is more reliable
 D) it saves time, money and readily available
50. Find the median of the following data 31,35,27,29,43,37,41,35 and 30
 A) 31 B) 35 C) 30 D) 37
51. Find the range of the data 143,148,135,150,120,139,149,146,151 and 155
 A) 23 B) 25 C) 30 D) 35
52. Find the value of mode of mean is 36 and median is 35
 A) 34 B) 38 C) 33 D) 31
53. In a pie chart central value is
 A) $\frac{\text{Value of the segment}}{\text{Total value}} \times 360^\circ$
 B) $\frac{\text{Total value}}{\text{Value of the segment}} \times 360^\circ$
 C) Total value x Value of the segment
 D) $\frac{\text{Total value} \times \text{Value of the segment}}{360^\circ}$
54. For calculation of standard deviation which measure of central tendency is used
 A) Mode B) Median C) Mean D) All of these
55. The value of the mode may be derived from
 A) 2 Median – 3 Mean B) 3 Median – 2Mean
 C) 2 Median + 3 Mean D) 3 Median + 2 Mean
56. What will happen if the secretion of parietal cells of gastric glands is blocked with an inhibitor?
 A) Gastric juice will be deficient in chymosin
 B) Gastric juice will be deficient in pepsinogen
 C) In the absence of HCl secretion, inactive pepsinogen is not converted into the active enzyme pepsin
 D) Enterokinase will not be released from the duodenal mucosa and so trypsinogen is not converted to trypsin
57. Meissner's plexus is a network of nerve cells and sympathetic nerve fibres which control secretion of
 A) intestinal juices B) gastric juice C) pancreatic juice D) bile
58. Identify the disorders of digestive system according to given description
 I. Retention of faeces in rectum with irregular bowel movement
 II. Feeling of fullness due to anxiety, over eating, stress, etc.
 III. Erosion of stomach or duodenal lining
 IV. Travelling up of stomach content leading to discomfort and pain
 A) I – Diarrhoea, II-Constipation, III-Heartburn, IV-Vomiting
 B) I-Constipation, II-Indigestion, III-Ulcers, IV-Heartburn
 C) I-Vomiting, II-Indigestion, III-Gal stones, IV-Heartburn
 D) I-Constipation, II-Gall stones, III-Ulcers, IV-Indigestion
59. Characteristic of mammalian liver is
 A) Kupffer's cells and leucocytes B) Leucocytes and canaliculae
 C) Glisson's capsules and Kupffer's cells D) Glisson's capsule and leucocytes

74. What is true about ribosomes?
 A) These are found only in eukaryotic cells
 B) These are self-splicing introns of some RNAs
 C) The prokaryotic ribosomes are 80 S, where 'S' stands for sedimentation coefficient
 D) These are composed of ribonucleic acid and proteins

75. Select the correct statements from the following
 I. Multiple effect of a gene is called pleiotropy.
 II. Polygenic traits are expressed as absolute or discrete characters
 III. Polygenic inheritance show bell-shaped curve for expression of traits.
 IV. Sickle-cell anaemia is an example of pleiotropy.
 V. Mendel's pea plant traits also showed polygenic inheritance.
 A) II and V B) II, IV and V C) I, II and IV D) I, III and IV

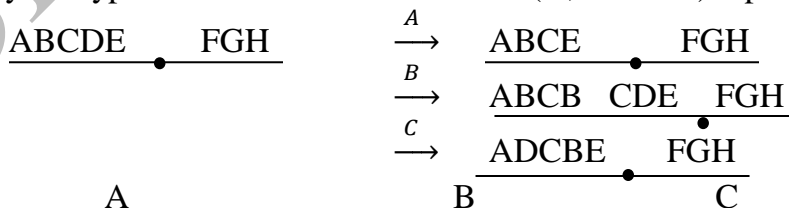
76. Match the following columns:

Column – I			Column – II								
a. XX – XO type	-		1. Pigeon								
b. ZO – ZZ type	-		2. Ant								
c. XX – XY type	-		3. Grasshopper								
d. ZW – ZZ type	-		4. Drosophila								
e. Haplodiploidy	-		5. Butterfly								
Codes:	a	b	c	d	e	a	b	c	d	e	
A)	3	5	4	1	2	B)	1	2	3	4	5
C)	3	2	1	4	5	D)	2	1	3	5	4

77. Identify the mutation (A-D) based on the description given below and select the correct option
 I. a - mutation results from addition or subtraction of a nucleotide base or substitution of one base for another
 II. b – mutation occurs because of redundancy in the genetic code
 III. c - mutation terminates translation
 IV. d – mutation causes can be seen in sickle-cell anaemia

	a	b	c	D
A)	Point mutation	Frame shift mutation	Missense mutation	Silent mutation
B)	Point mutation	Silent mutation	Nonsense mutation	Missense mutation
C)	Frameshift mutation	Silent mutation	Nonsense mutation	Point mutation
D)	Frameshift mutation	Point mutation	Missense mutation	Silent mutation

78. Identify the type of chromosomal mutations (A, B and C) represented below.



- | | | | |
|----|---------------|-----------|---------------|
| A) | Translocation | Inversion | Insertion |
| B) | Translocation | Insertion | Deletion |
| C) | Inversion | Deletion | Translocation |
| D) | Deletion | Insertion | Inversion |

79. **Assertion:** It is not possible for human parents heterozygous for skin colour to have darker or lighter children than themselves.
Reason: Human skin colour is controlled by a single pair of alleles.
 A) It both Assertion and Reason are true and Reason is the correct explanation of the Assertion
 B) If both Assertion and Reason are true, but Reason is not the correct explanation of the Assertion
 C) If Assertion is true, but Reason is false D) Both Assertion and Reason are false
80. Consider the functions of following enzymes and their role in replication of DNA and identify the incorrect statements.
 I. Topoisomerase - An unwinding protein
 II. Single strand binding protein – Binds to DNA and provide stability
 III. Helicases - Synthesis of RNA primers
 IV. Ligases - Joining of DNA fragments
 A) I, II and III B) I and III C) III and IV D) Only I
81. Which one of the following biomolecules is correctly characterized?
 A) Lecithin – a phosphorylated glyceride found in cell membrane
 B) Palmitic acid - an unsaturated fatty acid with 18 carbon atoms
 C) Adenylic acid – adenosine with a glucose phosphate molecule
 D) Alanine – amino acid contains an amino group and an acidic group anywhere in the molecule
82. Given below are two statements I and II. Choose the correct answer related to the statements.
Statement – I: Amino acids are amphoteric in their function.
Statement – II: All amino acids are necessary for our body.
 A) Statement I is correct, but statement II is incorrect
 B) Both the statements I and II are correct
 C) Statement I is incorrect, but statement II is correct
 D) Both the statements I and II are incorrect
83. **Assertion:** In glycolysis, glucose – 6 – phosphate inhibition hexokinase catalysed reaction
Reason: It is allosteric modulation in which enzyme inhibition is caused by a product of enzyme catalysed reactions.
 A) Both Assertion and Reason are true and Reason is the correct explanation of Assertion
 B) Both Assertion and reason are true, but Reason is not the correct explanation of Assertion
 C) Assertion is true, but reason is false D) Assertion is false, but Reason is true
 E) Both Assertion and Reason are false

90. Match the following columns:

Column – I (Receptors)

- a. Tangoreceptor -
- b. Thermoreceptor -
- c. Caloreceptor -
- d. Phonoreceptor -
- e. Interoreceptor -

- Codes:**
- | | | | |
|----|----------|----------|----------|
| | a | b | c |
| A) | 3 | 4 | 1 |
| C) | 3 | 1 | 4 |

Column – II (Functions)

- 1. Heat
- 2. Hunger
- 3. Touch
- 4. Temperature
- 5. Hearing

- | | | | | | |
|----|----------|----------|----------|----------|----------|
| | a | b | c | d | e |
| B) | 3 | 4 | 1 | 5 | 2 |
| D) | 3 | 1 | 4 | 2 | 5 |

91. Match the following:

Column – I

- a. Epilepsy -
- b. Alzheminer’s disease -
- c. Parkinson’s disease -
- d. Huntington’s chorea -

- Codes:**
- | | | | | |
|----|----------|----------|----------|----------|
| | a | b | c | d |
| A) | 5 | 4 | 3 | 1 |
| C) | 2 | 3 | 4 | 1 |

Column – II

- 1. Degeneration of neurons in the cerebral cortex
- 2. Irregular electrical discharge in the neurons
- 3. Decreased production of acetylcholine
- 4. Degeneration of dopamine releasing neurons
- 5. Formation of blood clots in the brain

- | | | | | |
|----|----------|----------|----------|----------|
| | a | b | c | d |
| B) | 2 | 3 | 1 | 4 |
| D) | 2 | 4 | 3 | 1 |

92. Selection the answer with correct matching of the structure, its location and function

Structure	Location	Function
A) Eustachian tube	Anterior part of internal ear	Equalises air pressure on either sides of tympanic membrane
B) Cerebellum	Midbrain	Controls respiration and gastric secretions
C). Hypothalamus	Forebrain	Controls body temperature, urge for eating and drinking
D) Blind spot	Near the place where optic nerve leaves the eye	Rods and cones are present but inactive

93. Which of the following nerves are mixed?

- | | | | |
|---------------|-----------------|-----------------------|--------------|
| I. Trigeminal | II. Hypoglossal | III. Glossopharyngeal | IV. Abducens |
| A) I and II | B) I and IV | C) I and III | D) II and IV |

94. Select the correct statement about lymphatic system from the following?

- I. Lymphatic system returns the excess tissue fluid back to blood
 - II. Lymph vessels contain no valves
 - III. The lymph moves with pumping of heart
 - IV. Lymph also has double circulation like heart
- | | | | |
|-----------|-------------|---------------|----------------------|
| A) Only I | B) I and II | C) II and III | D) I, II, III and IV |
|-----------|-------------|---------------|----------------------|

95. Study the following statements.
- I. Plasma constitutes 45% of the human blood.
 - II. Albumin is a plasma protein, which helps in osmotic balance.
 - III. Factors responsible for the blood clotting process are present in the blood
 - IV. Plasma without clotting factors is called serum
 - V. Minerals are not generally found in blood.
- Of the above statements
- A) Only V is incorrect and all other I to IV are correct
 - B) I and II are correct and III, IV and V are incorrect
 - C) II and IV are correct and I, III and V are incorrect
 - D) II, III and IV are correct and I and V are incorrect
96. Study the following statements and select the incorrect statement.
- I. Barr body is an another name for neutrophils
 - II. Agranulocytes are formed in the red bone marrow
 - III. Granulocytes are formed in the spleen and lymph node
 - IV. Lymphocytes exists as two major types B and T – lymphocytes
- A) I, II and III B) Only I C) Only III D) Only II
97. Which of the following process of urine formation takes place all along the renal tubule and collecting duct?
- A) Ultrafiltration and tubular reabsorption
 - B) Ultrafiltration and tubular secretion
 - C) Tubular reabsorption and secretion
 - D) None of the above
98. Which of them are incorrectly matched?
- A) Alkaptonuria - Presence of homogentistic acid in urine
 - B) Pyelonephritis - Inflammation of ureter
 - C) Hematuria - Presence of blood in urine
 - D) Uremia - High concentration of urea in blood
99. **Assertion:** Nitrogenous waste from arterial blood is removed, when blood passes through dialyser unit.
- Reason:** Arterial blood of patient and dialyzing liquid are made to flow on two sides of permeable membrane
- A) If both Assertion and Reason are correct and but Reason is the correct explanation of Assertion.
 - B) If both Assertion and Reason are correct, but Reason is not the correct explanation of Assertion
 - C) If Assertion is correct, but Reason is incorrect
 - D) If Assertion is incorrect, but Reason is correct
 - E) Both Assertion and Reason are incorrect

100. Hormones help to control many homeostatic mechanisms by positive or negative feedback loop.
- I. Positive feedback loop, acts as self amplifying cycle
 II. Negative feedback loop, inhibits its own production. Which of the above mentioned statements are correct?
- Which of the above are true?
- A) Only I B) Only II C) Both (A) and (B) D) None of these
101. Read the statements given below and select the incorrect ones.
- I. Testes function as heterocrine gland
 II. Thomas Addison is regarded as the Father of Endocrinology.
 III. Neurohypophysis secretes ACTH. IV. Myxoedema is a thyroid disorder
 V. Leydig's cell secrete progesterone
- A) I, III and IV B) III and V C) II and IV D) II, IV and V
102. Choose the correct statements from the following
- I. Calcitonin regulates the metabolism of calcium
 II. Oxytocin stimulates contraction of uterine muscles
 III. Grave's disease is caused by thyroid gland.
 IV. Vasopressin stimulates the absorption of water in renal tubule
 V. Adrenaline and nor-adrenaline are the emergency hormones
- Select the correct statements and choose the option
- A) I, II, III, IV and V B) III, IV and V C) I, II and V D) II, III and IV
103. **Statement – I:** Diabetes insipidus is marked by excessive, urination and thirst
Statement – II: Antidiuretic hormone (ADH) is secreted by the posterior lobe of pituitary
- A) Statement I is correct, while statement II is incorrect
 B) Statement II is correct, while statement I is incorrect
 C) Both the statements are correct D) Both the statements are incorrect
104. Arrange the given events of embryonic development in sequence.
- I. Organogenesis II. Implantation III. Blastulation IV. Gastrulation
- A) III, II, IV, I B) II, III, I, IV C) I, II, III, IV D) IV, III, II, I
105. Placental membrane are formed from which of the following structure?
- I. Syncytiotrophoblast and cytotrophoblast II. Basement membrane
 III. Mesoderm IV. Endothelium of foetal capillary membrane
- A) I and III B) II and IV C) I, II and III D) I, II, III and IV
106. Identify the correct statement(s).
- I. Acrosome of sperm contains sperm lysins
 II. Spirally arranged mitochondria are found in the midpiece of sperm.
 III. Acrosome does not have nucleus
- A) I and II B) I and III C) II and III D) I, II and III

107. The correct sequence of embryonic development is
 A) Blastula – Morula – Zygote – Gastrula – Embryo
 B) Zygote – Blastula – Morula – Gastrula – Embryo
 C) Zygote – Morula – Blastula – Gastrula – Embryo
 D) Gastrula – Morula – Zygote – Blastula – Embryo
108. Which of the following ART is / are wrongly matched?
 I. IUI – Semen collected from husband or donor is artificially introduced either into the vagina or into the uterus
 II. GIFT - Transfer of embryos with more than 8 blastomeres into the Fallopian tube
 III. ICSI – sperm directly injected into the ovum
 IV. ZIFT – Transfer of embryos up to 8 blastomeres into the Fallopian tube
 A) Only II B) III and IV C) I and II D) only IV
109. Which of the following experiments suggests that the simplest – living organisms could not have originated spontaneously from non-living matter?
 A) Microbes did not appear in stored meat
 B) Larvae could appear in decaying organic matter
 C) Microbes appeared from unsterilized organic matter
 D) Meat was not spoiled, when heated and kept sealed in a vessel
110. Devonian period and carboniferous period of Palaeozoic era are considered as age of ... and age ofrespectively.
 A) reptiles, fishes B) invertebrates, amphibians
 C) fish, amphibians D) reptiles, mammals
111. How many steps involved in Herbatation lesson planning
 பாடத்திட்டம் தொடர்புடைய ஹெர்பார்டின் படிநிலைகள் எத்தனை
 A) 7 B) 6 C) 8 D) 9
112. Which of the following was established in 1961?
 1961-ல் வரைவுபடுத்தப்பட்ட ஒன்று எது?
 A) DTERT B) DIET C) NCERT D) NAAC
113. Equality in Education suggested by
 A) Sargeant Report B) Kothari Commission
 C) Hunter Commission D) UGC
 கல்வியில் சமவாய்ப்பு அளித்த கல்விக்குழு
 A) சார்ஜண்ட் உடன்படிக்கை B) கோத்தாரி கல்விக்குழு
 C) ஹண்டர் குழு D) UGC
114. Sainik School located in the District of
 A) Kovai B) Thirupur C) Erode D) Dindugal
 சைனிக்பள்ளி அமைந்துள்ள மாவட்டம்
 A) கோவை B) திருப்பூர் C) ஈரோடு D) திண்டுக்கல்
115. In which school Widely followed Pestolozzies approach?
 A) Nursery B) Montessori C) Kindergarden D) Anganwadi
 பெஸ்டாலஜியின் அணுகுமுறைகளை பின்பற்றும் பள்ளி எது?
 A) நர்சரி B) மாண்டிசோரி C) கிண்டர்கார்டன் D) அங்கன்வாடி

116. Article 15 (3) mainly insists
 A) Womens Education B) Free Education
 C) Children's Education D) A & C
 அரசியல் சாசன விதி 15(3) கூறுவது
 A) பெண்கல்வி B) இலவச கல்வி
 C) குழந்தைக் கல்வி D) A மற்றும் C
117. Environmental protection Act was passed by the parliament in the year of
 சுற்றுச்சூழல் பாதுகாப்புச் சட்டம் பாராளுமன்றத்தில் நிறைவேற்றப்பட்ட ஆண்டு
 A) 1987 B) 1986 C) 1974 D) 1966
118. A person related to Adult Education
 A) Braille B) Bryson C) Parker D) B & C
 வயது வந்தோர் கல்வியுடன் தொடர்புடையவர்கள்
 A) ப்ரெய்லி B) பிரைசன் C) பர்கர் D) B & C
119. Meaning of Education is
 A) Learning B) Bringout C) Cultivate D) All of these
 கல்வி என்பதன் பொருள்
 A) கற்றல் B) வெளிக் கொணர்தல் C) வளர்ப்பது D) அனைத்தும்
120. Who Invent "Teaching Machine"
 A) Galaxo B) Faulkner C) Glacier D) Sydney pressy
 கற்பித்தல் இயந்திரத்தினை உருவாக்கியவர்
 A) காலக்ஸோ B) பால்க்னர் C) கிளேசியர் D) சிட்னி ப்ரெஸ்ஸி
121. Society Based Educationist
 A) Russell B) Morgan C) Maxwell D) Morne
 சமூகக் கல்வியாளர்
 A) ரஸல் B) மார்கன் C) மாக்ஸ்வெல் D) மார்னே
122. Wastage & stagnation defined by
 A) Kothari Commission B) UGC
 C) Hartog Committee D) Hunter Commission
 கழிவு மற்றும் தேக்கத்தினை வரையறை செய்த கமிட்டி எது?
 A) கோத்தாரி குழு B) UGC
 C) ஹார்டாக் குழு D) ஹண்டர் குழு
123. 'OB' Scheme recommended by
 A) 1965 Policy B) 1991 Policy C) 1986 Policy D) 1979 Policy
 "OB" திட்டத்தினை வெளியிட்ட கல்விக்குழு
 A) 1965 கல்விக்கொள்கை B) 1991 கல்விக்கொள்கை
 C) 1986 கல்விக்கொள்கை D) 1979 கல்விக்கொள்கை
124. Cognitive stages analysed by
 A) Bloom B) Bruner C) Maslow D) Wundt
 அறிவுசார் நிலையினை பகுப்பாய்வு செய்தவர்
 A) புளூம் B) புருனர் C) மாஸ்லோ D) உண்ட்
125. 'Udisha project' means
 A) ICDS training B) NCC C) NRC D) JRC
 "உதிஸ்ஸா திட்டம்" எனப்படுவது
 A) ICDS பயிற்சி திட்டம் B) NCC C) NRC D) JRC

126. IQ Variation 110-119 comes Under
 A) Gifted Persons B) Average Persons C) Genius D) talented Persons
 110—119 நுண்ணறிவு உடையோரின் வகைப்பாடு
 A) மீத்திறன் மிக்கோர் B) சராசரி திறன் படைத்தோர்
 C) மேதைகள் D) திறன் மிக்கோர்
127. Vicerotonia, Cerebrotonia, Somatonia are of classified by
 A) Sheldon B) Kretchmer C) Carl Jung D) Ogburn
 சுக விருப்பமுள்ள ஆளுமை, சிந்தனை சார் ஆளுமை, செயல்சார் ஆளுமை,
 என வகைப்படுத்தியவர்
 A) ஷெல்டன் B) கிரெட்சுமர் C) காரல்யூங் D) ஆக்பர்ன்
128. “Schizo phrenia” is a kind of defence mechanism
 A) Identification B) Retionalization C) Regression D) Scapogotism
 “ஷிஷோப்ரினியா” என்ன வகையான நடத்தை
 A) ஒன்றுதல் B) காரணம் கற்பித்தல்
 C) பின்னோக்கம் D) பலிகடா ஆக்கப்படுதல்
129. Branch of Psychology is mainly focused Adolescence
 A) Educational Psychology B) General Psychology
 C) Child Psychology D) Growth Psychology
 குமரப்பருவம் பற்றி படிக்கும் உளவியலின் பிரிவு?
 A) கல்வி உளவியல் B) பொது உளவியல்
 C) குழந்தை உளவியல் D) வளர்ச்சி உளவியல்
130. Who told that “Psychology is a Behavior Science”
 A) Mc Doug all B) Watson C) Skinner D) Titchner
 உளவியல் நேர்மறை நடத்தை அறிவியல் என்று கூறியவர்
 A) மக்டூகல் B) வாட்சன் C) ஸ்கினர் D) டிட்சர்ன்
131. Who Introduced Individual Psychology?
 A) Sigmen Freud B) Jung C) Adler D) Williamson
 தனிநபர் உளவியலை தோற்றுவித்தவர்
 A) சிக்மண்ட் ப்ராய்டு B) யூங் C) ஆட்லர் D) வில்லியம் சன்
132. Attention theory formulated by
 A) Ditchner B) Wundt C) Watson D) Hebb
 கவன கோட்பாடு
 A) டிட்சர்ன் B) உண்ட் C) வாட்சன் D) ஹெப்
133. How many Chromosomes are present in a female germ cell?
 பெண் இனச்செல்லில் காணப்படும் குரோமோசோமின் எண்ணிக்கை
 A) 46 B) 23 C) 23 + 23 D) 46 + 23
134. Physical Growth factor determinate by
 A) Heredity B) Environment
 C) Heredity & Environment D) None of these
 உடல் வளர்ச்சியை தீர்மானிப்பது
 A) மரபு B) சூழ்நிலை C) மரபும், சூழ்நிலையும் D) எதுவுமில்லை
135. How many chromosomes are present in the cells released by meiosis cell division?
 A) 23 Pairs of Chromosome B) 23 Chromosome
 C) 46 Chromosome D) 46 Pairs of Chromosome

மியாஸிஸ் பகுப்பினால் செல்களில் காணப்படும் குரோமோசோம்களின் எண்ணிக்கை

- A) 23 ஜோடி குரோமோசோம் B) 23 குரோமோசோம்
C) 46 குரோமோசோம் D) 46 ஜோடி குரோமோசோம்

136. Who had done Kalli kock test

- A) Goddard B) Calvin C) Amala & Kamala D) Cyrillburt & Shankar
காலிகாக் சோதனை யாரால் செய்யப்பட்டது?

- A) கொட்டர்டு B) கால்வின்
C) அமலா & கமலா D) சிரில்பர்ட் மற்றும் சங்கர்

137. Moral relativism is Connected to which one of the following developmental stage?

- A) Adolescence B) Old Age C) Childhood D) Pre child hood
ஒழுக்கம் பற்றிய சார்பு நோக்கம் எப்பருவத்துடன் தொடர்புடையது ?

- A) குமர்ப்பருவம் B) முதிர் பருவம்
C) குழந்தை பருவம் D) முன் குழந்தைப்பருவம்

138. Inferiority Complex arise from which stage

- A) Adolescence B) 2nd year C) 6th year D) 0-2 years

தாழ்வுணர்வு நிலை தோன்றுவது

- A) குமர்ப்பருவம் B) 2ம் ஆண்டு
C) 6 ஆம்ஆண்டு D) 0-2 வயது வரை

139. J.B. Watson proposed type of Emotions

J.B. வாட்சன் குறிப்பிடுகின்ற மனவெழுச்சிகள்

- A) 2 B) 4 C) 3 D) 5

140. Co operation under which development?

- A) Physical B) Moral C) Social D) Emotional

ஒத்துழைப்பு எவ்வகை வளர்ச்சி?

- A) உடல்நீதியான B) ஒழுக்க C) சமூக D) மனவெழுச்சி

141. Who is called as father of modern computer

- A. Bill Gakes B. Michael Faraday C. Alexander Fleming D. Charles Babbage

நவீன கணினியின் தந்தை என அழைக்கப்படுபவர்?

- A) பில் கேட்ச் B) மைக்கேல் பாரடே
C) அலெக்ஸாண்டர் பிளமிங் D) சார்லஜ் பாபேஜ்

142. Which of following stacks were created in 1987?

- A. Goa only B. Goa and Arunachal Pradesh
C. Arunachal Pradesh only D. None of these

1987-ல் உருவாக்கப்பட்ட மாநிலம்

- A) கோவா மட்டும் B) கோவா மற்றும் அருணாசல பிரதேசம்
C) அருணாசல பிரதேசம் D) எதுவுமில்லை

143. Which of the following articles makes the super court a court of record?

கீழ்க்கண்ட எந்த விதி உச்சநீதிமன்றத்தின் பதிவுகளைப் பற்றி கூறுகிறது

- A. 125 B. 127 C. 129 D. 131

144. In which year planning commission was established in India?

திட்டக்கமிஷன் இந்தியாவில் அமைக்கப்பட்ட ஆண்டு

- A. 1950 B. 1952 C. 1951 D. 1949

145. Wimbledon is place associated with of the following sports?
 A. Badminton B. Cricket C. Lawn tennis D. Hockey
 விம்பிள்டன் என்ற இடம் கீழ்க்கண்ட விளையாட்டுக்காக அமைக்கப்பட்டுள்ளது
 A) பேட்மிட்டன் B) கிரிக்கெட் C) டென்னிஸ் D) ஹாக்கி
146. Largest National Park in North east in India is Located at?
 A. Assam B. Mizoram C. Arunachal Pradesh D. Nagaland
 வடகிழக்கு இந்தியாவில் உள்ள மிகப் பெரிய தேசிய பூங்கா அமைந்துள்ள மாநிலம்
 A) அஸ்ஸாம் B) மிசோரம் C) அருணாச்சலப்பிரதேசம் D) நாகலாந்து
147. Where was the First Tamil Sangam held?
 A. South Madurai B. Kapatapuram C. Kaveripattinam D. Nellai
 முதல் தமிழ்ச் சங்கம் நடைபெற்ற இடம்
 A) தென்மதுரை B) கபாடபுரம் C) காவேரிப்பட்டினம் D) நெல்லை
148. Bhutan does not share its border with which Indian state?
 A. West Bengal B. Arunachal Pradesh C. Meghalaya D. Sikkim
 பூடான் நாடு எந்த இந்திய மாநிலத்தின் எல்லையை பகிர்ந்து கொள்ளவில்லை?
 A) மேற்கு வங்காளம் B) அருணாச்சலப்பிரதேசம் C) மேகாலயா D) சிக்கிம்
149. Which of the following is the full form of U.S.S.R?
 U.S.S.R—ன் விவரிவாக்கம்?
 A. Union of Soviet Socialist Republics B. Union of Soviet secular Republics
 C. Union of secular Soviet Republics D. Union of secular socialist republics
150. What does OS stand for?
 OS —ன் விவரிவாக்கம்
 A. Operating software B. Operating System
 C. Operating status D. Operating supplier

P.G. Zoology - Model – I [Online Test]

Answer Keys:

13.09.19

1	C	26	C	51	D	76	A	101	B	126	D
2	C	27	B	52	C	77	B	102	A	127	A
3	C	28	D	53	A	78	D	103	C	128	C
4	A	29	B	54	C	79	D	104	A	129	C
5	D	30	C	55	B	80	B	105	D	130	B
6	C	31	D	56	C	81	D	106	D	131	C
7	B	32	D	57	A	82	D	107	C	132	D
8	C	33	D	58	B	83	A	108	A	133	B
9	A	34	A	59	C	84	D	109	D	134	A
10	C	35	C	60	C	85	A	110	C	135	B
11	A	36	B	61	A	86	C	111	B	136	A
12	D	37	D	62	B	87	A	112	A	137	A
13	A	38	C	63	B	88	D	113	B	138	C
14	B	39	D	64	A	89	B	114	B	139	C
15	D	40	B	65	C	90	B	115	C	140	C
16	A	41	A	66	A	91	C	116	D	141	D
17	C	42	D	67	D	92	C	117	B	142	B
18	B	43	C	68	C	93	C	118	D	143	C
19	B	44	A	69	D	94	A	119	D	144	A
20	B	45	C	70	A	95	D	120	D	145	C
21	D	46	A	71	D	96	C	121	A	146	C
22	B	47	A	72	B	97	C	122	A	147	A
23	D	48	A	73	C	98	B	123	C	148	C
24	B	49	D	74	D	99	C	124	A	149	A
25	B	50	B	75	C	100	C	125	A	150	B