DE-2919
B. Sc. (Sem. I) Examination
March / April – 2016
Zoology : Paper - II

Time : 2 Hours] [Total Marks : 50

सूचनाएँ / Instructions :

(1) *Fill up strictly the details of * signs on your answer book.

Name of the Examination :
B. SC. (SEM. 1)

Name of the Subject :
ZOLOGY : PAPER - 2

Subject Code No. : 2919

Seat No. :

Student's Signature

(2) There are 50 questions, each question carries one (1) mark and all are compulsory.

(3) Read the question carefully before selecting the correct option.

O.M.R. Sheet ध्यान से लगाएँ अन्य पृष्ठांकी सूचनाओ आपेक्ष
O.M.R. Sheet-वी पाषण जांच करें.

Important instructions to fill up O.M.R. Sheet is given back side of provided O.M.R. Sheet.

O.M.R. Sheet ध्यान से लगाएँ अन्य पृष्ठांकी सूचनाओ आपेक्ष
O.M.R. Sheet-वी पाषण जांच करें.

Important instructions to fill up O.M.R. Sheet is given back side of provided O.M.R. Sheet.

DE-2919_D ] 1 [ Contd...
1. What is the common name of Ascaris?  
(A) Nematode  
(B) Roundworm  
(C) Tapeworm  
(D) Bloodworm  

Ascaris belongs to phylum  
(A) Annelid  
(B) Nematode  
(C) Arthropods  
(D) Protozoa

2. What is the third eyelid called?  
(A) Upper eyelid  
(B) Lower eyelid  
(C) Lachrymal sac  
(D) Vestigial organ  

Third eye lid of human being is an example of  
(A) Analogous organ  
(B) Homologous organ  
(C) Vestigial organ  
(D) Special organ

3. Which behavioral disorder is found in human?  
(A) Down syndrome  
(B) Dwarfism  
(C) None of these  
(D) Dimensia  

Which behavioural disorder is found in human?  
(A) Down Syndrome  
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(D) Dimensia

4. What is the number of moult in the life cycle of Ascaris?  
(A) 2  
(B) 6  
(C) 1  
(D) 4
5. Which bird of the following build pendant type nest?
(A) Parrot
(B) Hornbill
(C) Weaver bird
(D) Sparrow

6. The full form of DNA is
(A) Di-Ribo nucleic acid
(B) D-Oxygen nucleic acid
(C) Di-Oxy ribosomal nucleic acid
(D) D-Oxyribo nucleic acid

7. Who discovered nucleus of cell?
(A) Robert Cook
(B) Robert Brown
(C) Robert
(D) Robert Hook
8. Organs which are similar in function but different in structure called
   (A) Homologous organs
   (B) Vestigial organs
   (C) Special organs
   (D) Analogous organs

9. Alzheimer disease is related to
   (A) Respiratory system
   (B) Reproductive system
   (C) Circulatory system
   (D) Nervous system

10. Which organelle produces heat and energy by respiration process?
    (A) Lysosome
    (B) Mitochondria
    (C) Ribosome
    (D) Peroxisome
11 Which structure is helpful for locomotion in living organism?
(A) Flagella
(B) Lysosome
(C) Peroxysome
(D) Vacuole

12 Who discovered golgi complex?
(A) Robert Brown
(B) Robert
(C) Darwin
(D) Camillogolgi

13 Chief cells of immune system are
(A) Red cells
(B) Special cells
(C) None of these
(D) Lymph cells

14 Which cells are responsible for inducing cell immunity in the body?
(A) T – Cells
(B) D – Cells
(C) R – Cells
(D) B – Cells
15  કર્મધાનું વૈજ્ઞાનિક નામ શું છે?
   (A)  અસ્કરિસ
   (B)  અસ્કરિસ સપિયયસ
   (C)  ગોયાડ્રીમ
   (D)  અસ્કરિસ લુબ્રિક્યોઇડિસ

What is the scientific name of ascaris?
   (A)  Ascaris
   (B)  Ascaris sapiens
   (C)  Round worm
   (D)  Ascaris lubricoides

16  કર્મધા મૂકાય માનુષના કયા અંગભય અંત: પરોજખવારી તરફે રહે છે?
   (A)  નારુઆ અંતર્ગત
   (B)  ઝીંખ
   (C)  ઝીર
   (D)  ઇસ્સર

Ascaris are live as a endo parasite mainly in organ of human body is
   (A)  Small intestine
   (B)  Heart
   (C)  Stomach
   (D)  Lungs

17  આંખ અને લેવા પ્રકારનું પરોજખવારી છે?
   (A)  પ્લાન પરોજખવારી
   (B)  યટહાન
   (C)  આંખની એક પૃષ્ઠ નથી.
   (D)  અંત: પરોજખવારી

The flea is which type of parasite ?
   (A)  Ecto parasite
   (B)  Host
   (C)  None of these
   (D)  Endo parasite
18. In human, "opisthotonos" occurs due to the (A) absence of tail (B) absence of limbs (C) absence of vertebrae (D) absence of ribs

Irish dogman in human is an example of (A) Atavism (B) Special organs (C) Vestigial organs (D) Analogous organs

19. Archaeopteryx is connecting link between (A) Aves and mammals (B) Arthropoda and annelid (C) Fish and amphibian (D) Reptile and aves

20. Cervical fistula in human is an example of (A) Vestigial organs (B) Homologous organs (C) Atavism (D) Analogous organs
21. What is the scientific study of animal behavior called?
   (A) Genetics
   (B) Cytology
   (C) Anatomy
   (D) Ethology

22. What is the name of the cell theory?
   (A) Sliden – Swone
   (B) Plove
   (C) Robert Brown
   (D) Perkinje

23. Which organ in humans is considered vestigial?
   (A) Wisdom tooth
   (B) Stomach
   (C) Ear
   (D) Tongue
24 多数的鸟类筑巢吗？
(A) 雄
(B) 雌单独筑巢
(C) 一个巢也不筑
(D) 雌
Who build the nest in weaver bird?
(A) Female
(B) Male and Female
(C) None of these
(D) Male

25 每个蜜蜂群的分工不同吗？
(A) 雌
(B) 工人的
(C) 一个巢也不筑
(D) 雌
Who does different tasks in colony of honey bees?
(A) Queen
(B) Workers
(C) None of these
(D) Drone

26 抗原是什么的？
(A) 糖蛋白
(B) 维生素
(C) 碳水化合物
(D) 无
Antigen is chiefly made up of
(A) Glycoprotein
(B) Vitamin
(C) Carbohydrates
(D) Fat
27. Bat's wing is made up of
(A) Chitin
(B) Cellulose
(C) Fibers
(D) Skin

28. Cell contain cytoplasm is suggested by
(A) Swiden
(B) Plove
(C) Swone
(D) Perkinje

29. The biggest cell in animal kingdom is
(A) Nerve cell of human
(B) Egg of elephant
(C) None of these
(D) Egg of ostrich

30. All the activities of cell is control by
(A) Lysosome
(B) Nucleus
(C) Ribosome
(D) Centriole
31  Which is an example of prokaryotic cell?
   (A) Human
   (B) Monkey
   (C) Fishes
   (D) Bacteria

32  In a plant cell, cell wall is made up of
   (A) Cellulose
   (B) Chlorophyll - b
   (C) Protein
   (D) Chlorophyll - a

33  Protein is synthesized by
   (A) Ribosome
   (B) Nucleus
   (C) Centriole
   (D) Lysosome
34. Plasma membrane is necessary for protection of cell was suggested by
(A) Robert Hook
(B) Camillogolgi
(C) Perkinje
(D) Plove

35. Which cell organelle was discovered by Porter?
(A) Endoplasmic reticulum
(B) Golgicomplex
(C) Ribosome
(D) Mitochondria

36. Which organell is responsible for the formation of acrosome of spermatozoa?
(A) Endoplasmic reticulum
(B) Mitochondria
(C) Ribosome
(D) Golgibodii
37. Which organelle called suicidal bag?
   (A) Mitochondria
   (B) Ribosome
   (C) Golgibodii
   (D) Lysosome

38. Insect wing is made up of
   (A) Chitin
   (B) Cellulose
   (C) Skin
   (D) Cuticle

39. Some parasites need more than one host during their life cycle called
   (A) Ecto parasite
   (B) Parasite
   (C) None of these
   (D) Obligate parasite

40. Organs which are similar in structure but different in functions called
   (A) Homologous organs
   (B) Vestigial organs
   (C) None of these
   (D) Analogous organs
41  The role of Peripetus in connecting link between
(A) Arthropod and Mollusca
(B) Aves and Mammals
(C) Annelid and Echinodermata
(D) Annelid and Arthropod

42  करामियुं आ __________ छ.
(A) अम्ब पोएपणवी
(B) घुणान
(C) अम्बानी अंक पहा नयी
(D) अंतःपोएपणवी

Ascaris is
(A) Ecto parasite
(B) Host
(C) None of these
(D) Endo parasite

43  नवा जन्मता आणखी अथवा दूर अंक वाक्यांनी पूर्वजोन्यांच्या वाक्यिकतांमधून देखावी ते
(A) उदाहरणारा
(B) न्यित
(C) आम्बाची अंकपणास नयी
(D) पूर्वजता

Some remote ancestor's characters are suddenly found in new born is known as
(A) Evolution
(B) Mutation
(C) None of these
(D) Atavism
44. Behaviour inherited from parents to progeny called
   (A) Atavism
   (B) Innate behaviour
   (C) Personal behaviour
   (D) Social behaviour

45. Behaviour acquired by experience is called
   (A) Social Behaviour
   (B) Innate Behaviour
   (C) None of these
   (D) Acquired Behaviour

46. Who discovered Lysosome?
   (A) Di- Duve
   (B) Camilologolgi
   (C) Robert Cook
   (D) Porter
47. The fluid between plasma membrane and nucleus is called
(A) Matrix
(B) Nuclear membrane
(C) None of these
(D) Layer

48. Length of male ascaris is about
(A) 40-50 cm
(B) 30-41 cm
(C) 51-61 cm
(D) 15-31 cm

49. Which organelle is responsible for photosynthesis?
(A) Chloroplast
(B) Ribosome
(C) Mitochondria
(D) Lysosome

50. Smallpox vaccine was invented by
(A) Edward Jenner
(B) Robert Brown
(C) Robert Hook
(D) Ronald Ross