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

Time : 2 Hours] [Total Marks : 50

सूचना / 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 : ZOOLOGY : PAPER - 2

Subject Code No. : 2919 Section No. (1,2,...)

Seat No. : 

(2) प्रथमतम ५० प्रश्न है, जिन्हें कवर नहीं किया जा सकता है. दूसरे प्रश्नों (१) अंक गुणा है.
There are 50 questions, each question carries one (1) mark and all are compulsory.

(3) दूसरे प्रश्नों का सामने आया हो तो उन्हें अव्यवस्थापन करें और विकल्प पसंद करें.
Read the question carefully before selecting the correct option.

O.M.R. Sheet भरनी अंगी अवस्था सूचनाओं आधार
O.M.R. Sheet-वी पाण्य अपेक्षा है.
Important instructions to fill up O.M.R. Sheet is given back side of provided O.M.R. Sheet.

DE-2919_A ] 1 [ Contd...
1. Which structure is helpful for locomotion in living organisms?
   (A) Vacuole
   (B) Flagella
   (C) Lysosome
   (D) Peroxisome

2. Who discovered golgi complex?
   (A) Camillo Golgi
   (B) Robert Brown
   (C) Robert
   (D) Darwin

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

4. Which cells are responsible for inducing cell immunity in the body?
   (A) B – Cells
   (B) T – Cells
   (C) D – Cells
   (D) R – Cells
5 What is the scientific name of ascaris?
(A) Ascaris lumbricoides
(B) Ascaris
(C) Ascaris sapiens
(D) Round worm

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

7 The flea is which type of parasite?
(A) Endo parasite
(B) Ecto parasite
(C) Host
(D) None of these
8. What is the meaning of "Ancestral Worm" in human?
   (A) Newly developed organs
   (B) Absent organs
   (C) Special organs
   (D) Atavistic organs

9. Archaeopteryx is an example of
   (A) Seroprotein and epidermis
   (B) Shell and exoskeleton
   (C) Serous membrane
   (D) Bone and cartilage

10. Which is the example of ancestral organ in human?
    (A) Newly developed organs
    (B) Atavistic organs
    (C) Special organs
    (D) Puerperal fistula

   Cervical fistula in human is an example of
   (A) Analogous organs
   (B) Vestigial organs
   (C) Homologous organs
   (D) Atavism
11 Scientific study of animal behavior is called
(A) Ethology
(B) Genetics
(C) Cytology
(D) Anatomy

12 Cell theory was given by
(A) Perkinje
(B) Sliden – Swone
(C) Plove
(D) Robert brown

13 Which one is vestigial organ in human?
(A) Tongue
(B) Wisdom tooth
(C) Stomach
(D) Ear
14 suvani pavithro bhano koshu banaare che?
(A) nar
(B) maa
(C) nar ane maa bane
(D) akh pado nahi
Who build the nest in weaver bird?
(A) Male
(B) Female
(C) Male and Female
(D) None of these

15 bhupabhoomi pavahitma vibhish arth koshu kare che?
(A) nar
(B) rashtri
(C) arthaaro
(D) akh pado nahi
Who does different tasks in colony of honey bees?
(A) Drone
(B) Queen
(C) Workers
(D) None of these

16 astitwa musalwale shana banewa khow che?
(A) aksho
(B) alayaglycopeetin
(C) vitamina
(D) glycopeetin
Antigen is chiefly made up of
(A) Fat
(B) Glycoprotein
(C) Vitamin
(D) Carbohydrates
17. Bat's wing is made up of
(A) Skin
(B) Chitin
(C) Cellulose
(D) Fibers

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

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

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

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

23 Protein is synthesized by
(A) Lysosome
(B) Ribosome
(C) Nucleus
(D) Centriole
24 Which of the following is necessary for the protection of the cell?
(A) Ayme
(B) Robert Hook
(C) Camilogolgi
(D) Perkinje

Plasma membrane is necessary for protection of cell was suggested by
(A) Plove
(B) Robert Hook
(C) Camilogolgi
(D) Perkinje

25 Which cell organelle was discovered by Porter?
(A) Mitochondria
(B) Endoplasmic reticulum
(C) Golgic simplex
(D) Ribosome

26 Which organelle is responsible for the formation of acrosome of spermatozoa?
(A) Golgiboidii
(B) Endoplasmic reticulum
(C) Mitochondria
(D) Ribosome
27 Which organelle called suicidal bag?
(A) Lysosome
(B) Mitochondria
(C) Ribosome
(D) Golgibodi

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

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

30 Organs which are similar in structure but different in functions called
(A) Analogous organs
(B) Homologous organs
(C) Vestigial organs
(D) None of these
31 Peripetus अने कोणे जोडती करी आहे?
(A) गुप्तर अने संधिपात
(B) संधिपात अने मुख्यकय
(C) विक्रम अने संस्तन
(D) गुप्तर अने शून्यवाणी

Peripetus is connecting link between
(A) Annelid and Arthropod
(B) Arthropod and Mollusca
(C) Aves and Mammals
(D) Annelid and Echinodermata

32 करमियुं अने _______ आहे.
(A) अंतःपरोपकारी
(B) अष्ट परोपकारी
(C) पुजारी
(D) आमाची अंदक पण नाही.

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

33 नवा जन्माने भाषकांना अवान दूरे नौ बुद्धीशिऱ्यापासून देखावी ते
(A) पूर्वजवता
(B) संतती
(C) पितृती
(D) आमाची अंदक पण नाही.

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

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

36. Who discovered Lysosome?
(A) Porter
(B) Di- Duve
(C) Camillogolgi
(D) Robert Cook
37. Which of the following is true about the fluid between plasma membrane and nucleus?
(A) A layer
(B) Matrix
(C) Nuclear membrane
(D) None of these

38. The length of male ascaris is about:
(A) 15-31 cm
(B) 40-50 cm
(C) 30-41 cm
(D) 51-61 cm

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

40. Smallpox vaccine was invented by:
(A) Ronald Ross
(B) Edward Jenner
(C) Robert Brown
(D) Robert Hook
41. Which animal has a similar structure to Ascaris?
   (A) Mollusk
   (B) Insect
   (C) Scleractinian
   (D) Arthropod

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

42. What is the name of the third eyelid in humans?
   (A) Upper lid
   (B) Lower lid
   (C) Tarsal lid
   (D) Vestigial

   Third eyelid of human being is an example of
   (A) Special Organ
   (B) Analogous Organ
   (C) Homologous Organ
   (D) Vestigial Organ

43. Which behavioral disorder is found in humans?
   (A) Schizophrenia
   (B) Autism Spectrum Disorder
   (C) Dementia
   (D) None of these

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

44. Moulting in the life cycle of Ascaris occurs
   (A) 4
   (B) 2
   (C) 6
   (D) 1
45. Which bird of the following build pendant type nest?
(A) Sparrow
(B) Parrot
(C) Hornbill
(D) Weaver bird

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

47. Who discovered nucleus of cell?
(A) Robert Hook
(B) Robert Cook
(C) Robert Brown
(D) Robert

DE-2919_A ] 15  [ Contd...
48  Organs which are similar in function but different in structure called
(A) Analogous organs
(B) Homologous organs
(C) Vestigial organs
(D) Special organs

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

50  Which organelle produces heat and energy by respiration process?
(A) Peroxisome
(B) Lysosome
(C) Mitochondria
(D) Ribosome