DE-2918
B. Sc. (Sem. I) Examination
March/April – 2016
Zoology : Paper - I

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. I)

Name of the Subject:
Zoology : Paper - 1

Subject Code No.: 2 9 1 8 Sector No. (1, 2,.....) Nil

(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.

重要说明 : 填写 O.M.R. Sheet 的重要说明

O.M.R. Sheet 也附有在背面提供的 O.M.R. Sheet 的副本。

Important instructions to fillup O.M.R. Sheet are given on back side of the provided O.M.R. Sheet.
1. Study of external features of animal is called
   (A) Anatomy
   (B) Taxonomy
   (C) Genetics
   (D) Morphology

2. The branch related to the study of cell structure is called
   (A) Cytology
   (B) Embryology
   (C) Microbiology
   (D) Anatomy

3. Paramaecium belongs to phylum
   (A) Protozoa
   (B) Porifera.
   (C) Coelenterate
   (D) Nemenhelminthes
4. 'Osculum' is characteristic of phylum
(A) Porifera
(B) Platyhelminthes
(C) Annelida
(D) Protozoa

5. Which of the following animal belongs to annelid?
(A) Leech
(B) Cockroach
(C) Hydra
(D) Fish

6. 'Salpa' is an example of
(A) Urochordata
(B) Cyclostomata
(C) Hemichordata
(D) Cephalochordata
7. ‘Placoid scales’ are characteristic of
   (A) Bony fish
   (B) Amphibia
   (C) Cartilaginous fish
   (D) Cyclostomata

8. Which one is the warm-blooded animal from given below?
   (A) Fish
   (B) Frog
   (C) Snake
   (D) Pigeon

9. Which phylum has characteristic of four-chamber heart?
   (A) Fish
   (B) Amphibia
   (C) Aves
   (D) Protochordates

10. The tissue which connects different parts of body with each other is
    (A) Epithelial tissue
    (B) Connective tissue
    (C) Muscle tissue
    (D) Edipose tissue
11 Which of the following tissue has yellow and white fibres?
(A) Aeriolar tissue
(B) Skeleton tissue
(C) Muscular tissue
(D) Adipose tissue

12 Bath sponge belongs to which phylum?
(A) Protozoa
(B) Porifera
(C) Coelenterata
(D) Nemelminthes

13 Which is liquid connective tissue?
(A) Skeleton tissue
(B) Adipose tissue
(C) Aeriolar tissue
(D) Blood
14 Nerve fiber with well developed myelinated sheath is called
(A) Non medulated nerve fibers
(B) Nerve fiber
(C) Synapse
(D) Medulated nerve fiber

15 What is responsible for red color of mammalian blood?
(A) Haemoglobin
(B) Oxygen
(C) WBC
(D) Bone marrow

16 'Orictolagus cuniculus' is the scientific name of
(A) Human
(B) Rat
(C) Rabbit
(D) Sparrow
17. As per food habit the rabbit is
(A) Herbivorous
(B) Omnivorous
(C) Carnivorous
(D) None of these

18. How many pairs of salivary glands are present in rabbit?
(A) 2
(B) 4
(C) 1
(D) 6

19. How many total teeth are present in rabbit?
(A) 28
(B) 10
(C) 20
(D) 30

20. Which types of teeth are absent in rabbit?
(A) Incisor
(B) Canine
(C) Premolar
(D) Molar
21 The stomach of rabbit is mainly divided into how many chambers?

(A) 3
(B) 4
(C) 5
(D) 6

22 The islets of Langerhans are found in

(A) Pancreas
(B) Liver
(C) Stomach
(D) Intestine

23 In rabbit the blood is purified by

(A) Liver
(B) Heart
(C) Lungs
(D) Kidney
24 What is the function of olfactory lobe?
(A) Smell
(B) Vision
(C) Emotion
(D) Memory

25 'Loop of Henle' is found in which system?
(A) Reproductive system
(B) Respiratory system
(C) Excretory system
(D) Nervous system

26 What type of blood circulation is found in rabbit?
(A) Double circulation
(B) Triple circulation
(C) Single circulation
(D) None of these
27. आमालीदेखि 84 वर्षों पुरानी प्रणीत है?
   (A) सर्वोग्र"प
   (B) विज्ञान
   (C) साहन
   (D) भूमि
   Bat belongs to class
   (A) Reptile
   (B) Aves
   (C) Mammals
   (D) Fishes

28. अक्तमा 47 रंगबुलों प्राणी अंदेशे.
   (A) टर्नर सी-ग्रूम
   (B) क्लिनफेल्टर सी-ग्रूम
   (C) डाउन सी-ग्रूम
   (D) लीक्सीप्ला
   The present of 47 chromosomes in human is
   (A) Turner's syndrome
   (B) Klinefelter syndrome
   (C) Down's syndrome
   (D) Leukemia

29. वंशावैणी पृथक्करण प्रभाव पुरुष मात्र कई संख्या वर्षरह छ?
   (A) शेरस
   (B) ओग्गा
   (C) खिलाशा
   (D) बंबारोफ्स
   Which symbol is use for male in pedigree analysis?
   (A) Square
   (B) Round
   (C) Triangle
   (D) Rectangle

30. रंगपास पर प्रत्येक जलील भोक्स अथवा भोक्सवेलु होष है, तेने शुं कहे है?
   (A) डी.एन.ए.
   (B) ए.एन.ए.
   (C) भोक्स
   (D) अभावी एक पवन नक्की
   The arrangement of gene over appropriate chromosome is known as
   (A) D.N.A.
   (B) R.N.A.
   (C) Locus
   (D) None of these
31. The expression of gene is inhibited by similar other gene is known as
   (A) Epistasis
   (B) Locus
   (C) Factor
   (D) Mutation

32. The universal donor blood group is
   (A) A
   (B) B
   (C) O
   (D) AB

33. 'Setae' is the characteristic of
   (A) Earthworm
   (B) Amoeba
   (C) Cockroach
   (D) Pila
34. Animals which can't regulate their body temperature as per atmospheric temperature are called
   (A) Homothermous animal
   (B) Heterothermous animal
   (C) Special animal
   (D) None of these

35. वनकट कोष कच्चे पेशीमां जो वा मचे के?
   (A) कंकन पेशी
   (B) मेहदुसूद पेशी
   (C) संतुष्ट पेशी
   (D) चेतापेशी

Phagocytes are found in which tissue?
   (A) Skeleton tissue
   (B) Adipose tissue
   (C) Aeriole tissue
   (D) Nerve tissue

36. तुम्हारे रक्तमां कितना टका पानी होये?
   How much percentage of water present in blood plasma?
   (A) 90%
   (B) 80%
   (C) 50%
   (D) 100%

37. निसेल ग्रानुले किस घटक आणि अनेकी ही?
   (A) प्रोटीन
   (B) विटामिन
   (C) फ़्रॉस्फ़ाटिंग
   (D) फ़्रॉस्फ़ाटिंग

Nisel's granules are made up of
   (A) Protein
   (B) Vitamin
   (C) Phospholipid
   (D) Phosphoprotein
38. Pancreas secretes
   (A) Insulin
   (B) HCl
   (C) Hiperin
   (D) None of these

39. Which enzyme is found in saliva?
   (A) Tripsin
   (B) Pepsin
   (C) Renin
   (D) Ptylin

40. Impure blood is found in which artery of rabbit?
   (A) Pulmonary artery
   (B) Dorsal aorta
   (C) Caudal artery
   (D) Gonadal artery
41 Which gland provides nourishment to sperm?
(A) Cowper gland
(B) Anal gland
(C) Prostate gland
(D) Perineal gland

42 Lamprey is an example of
(A) Fishes
(B) Cyclostomata
(C) Protozoa
(D) Amphibia

43 The gestation period in rabbit is
(A) 28
(B) 30
(C) 20
(D) 11

44 Which of the animal is having non-nucleated RBC?
(A) Shark
(B) Frog
(C) Monkey
(D) Snake
45. The enzyme responsible to convert fat in to fatty acids and glycerol
   (A) Lipase
   (B) Maltase
   (C) Ptylin
   (D) None of these

46. Who first used the word 'factor' for gene?
   (A) Watson
   (B) Mendle
   (C) Darwin
   (D) Johnson

47. Plasmodium belongs to phylum
   (A) Porifera
   (B) Protozoa
   (C) Coelenterate
   (D) Annelid
48. Seahorse is an example of
   (A) Bony fish
   (B) Mammals
   (C) Amphibia
   (D) Reptile

49. Respiratory pigment found in mammals is
   (A) Haemocynin
   (B) Haemoglobin
   (C) Haemoerythrin
   (D) None of these

50. The branch in which the study of virus and bacteria
   (A) Ecology
   (B) Microbiology
   (C) Medicine
   (D) Taxonomy