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

(2) प्रश्नांक ५० प्रश्न है, और सभी के जवाब देने के लिए अनौपचारिक हैं। हर प्रश्न (१) स्पष्टा है।
There are 50 questions, each question carries one (1) mark and all are compulsory.

(3) किसी प्रश्न को काफी अध्याय के अन्तर्गत या अध्याय के बाद पर पढ़ें।
Read the question carefully before selecting the correct option.

O.M.R. Sheet बरसा अंग्रेजी अंग्रेजी सूचनाओं आपेक्ष
O.M.R. Sheet-ला पाने ठेंड वे।
Important instructions to fillup O.M.R. Sheet are given on back side of the provided O.M.R. Sheet.
1. The stomach of rabbit is mainly divided into how many chambers?
   (A) 5
   (B) 6
   (C) 3
   (D) 4

2. 'Islets of Langerhans' are found in
   (A) Stomach
   (B) Intestine
   (C) Pancreas
   (D) Liver

3. In rabbit the blood is purified by
   (A) Lungs
   (B) Kidney
   (C) Liver
   (D) Heart
4. What is the function of olfactory lobe?
(A) Emotion
(B) Memory
(C) Smell
(D) Vision

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

6. What type of blood circulation is found in rabbit?
(A) Single circulation
(B) None of these
(C) Double circulation
(D) Triple circulation
7. Which animal belongs to class
(A) Mammals
(B) Fishes
(C) Reptile
(D) Aves

8. The present of 47 chromosomes in human is
(A) Down's syndrome
(B) Leukemia
(C) Turner's syndrome
(D) Klinefelter syndrome

9. Which symbol is use for male in pedigree analysis ?
(A) Triangle
(B) Rectangle
(C) Square
(D) Round

10. The arrangement of gene over appropriate chromosome is known as
(A) Locus
(B) None of these
(C) D.N.A.
(D) R.N.A.
11. The expression of gene is inhibited by similar other gene is known as
(A) Factor
(B) Mutation
(C) Epistasis
(D) Locus

12. काॅ तुविर जूड सर्वदा हो छ ?
The universal donor blood group is
(A) O
(B) AB
(C) A
(D) B

13. वजसे खो या कय प्राणीहरु वासले हु छ ?
(A) बंदो
(B) पाईबा
(C) अबस्ट्रूम
(D) अब्झाओ
'Setae' is the characteristic of
(A) Cockroach
(B) Pila
(C) Earthworm
(D) Amoeba

DE-2918_C ] 5 [ Contd...
14 Which animals cannot regulate their body temperature as per atmospheric temperature are called
(A) Special animal
(B) None of these
(C) Homothermous animal
(D) Heterothermous animal

15 Which organs do not contain phagocytes?
(A) Intestine
(B) Lungs
(C) Kidneys
(D) Heart

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

16 How much percentage of water present in blood plasma?
(A) 50%
(B) 100%
(C) 90%
(D) 80%

17 Which component does Nisel's granules are made of?
(A) Phospholipid
(B) Phosphoprotein
(C) Protein
(D) Vitamin
18. Which secretory gland releases insulin?
   (A) Pancreas
   (B) Adrenal gland
   (C) Liver
   (D) Parathyroid gland

   Pancreas secretes
   (A) Hiperin
   (B) None of these
   (C) Insulin
   (D) HCl

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

20. Which artery of the rabbit carries impure blood?
   (A) Caudal artery
   (B) Gonadal artery
   (C) Pulmonary artery
   (D) Dorsal aorta
21 Which gland provides nourishment to sperm?
(A) Prostate gland
(B) Perineal gland
(C) Cowper gland
(D) Anal gland

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

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

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

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

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

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

30. The branch in which the study of virus and bacteria
(A) Medicine
(B) Taxonomy
(C) Ecology
(D) Microbiology
31 प्राणीं बालाकर, कु छ अनेक विविध अंगोंने अनुवादीप करवातां आयतां अभ्यासाने शुळे वठे हे?
(A) वनस्पतिविद्या
(B) ग्रंथिकारविद्या
(C) अंतरालक्षणविद्या
(D) विज्ञानकारविद्या

Study of external features of animal is called
(A) Genetics
(B) Morphology
(C) Anatomy
(D) Taxonomy

32 कोणाची स्वयंचे अभ्यास करती शाखा आश्चर्यें शुळे हे?
(A) भार्गवाचारयोज्य
(B) अंतरालविद्या
(C) कृषिविद्या
(D) अभ्यासविद्या

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

33 पेसा-मिश्रितम अं कु छ समुदायानु प्राणी हे?
(A) आयंगरी
(B) पुश्करिण
(C) प्राण
(D) अष्टङ्ग

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

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

36. 'Salpa' is an example of
   (A) Hemichordata
   (B) Cephalochordata
   (C) Urochordata
   (D) Cyclostomata
37. Which of the following is the correct term for 'Placoid scales'? (A) Cartilaginous fish (B) Cyclostomata (C) Bony fish (D) Amphibia

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

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

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

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

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

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

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

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

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

50. Which types of teeth are absent in rabbit?
   (A) Premolar
   (B) Molar
   (C) Incisor
   (D) Canine