

# PRACTICAL CENTRE

B-14, Block# 1, Gulshan-e-Iqbal, Karachi. Phone: 34976530-34812547-34984762

## Comprehensive Examination - 2024

(According to the new pattern of the Board of Secondary Education, Karachi.)

Time: 2 Hours

Max. Marks: 45

**Notes:** Section "A": It consists of 18 Multiple choice questions (MCQs) and all of these are to be answered.

Section "B": It consists of 15 Short answer questions of which 09 questions are to be answered.

Section "C": It comprises 04 Descriptive answer questions of which 02 questions are to be answered.

## ZOOLOGY (XII)

### SECTION "A" (MULTIPLE CHOICE QUESTIONS) (M.C.Qs.)

**Note:** (i) Attempt all questions.

(ii) Do not copy the questions. Write only the answer against the proper number of question and its part.

(iii) Each question carries **HALF** mark.

#### Q.1 Choose the correct answer from the given options:-

(09 Marks)

i) The animal which can switch between homoiothermal and Ectothermal are called:  
A) Hemitherms      B) Poikilotherms      C) Heterotherms      D) Ectotherms

ii) The vermix caseosa is developed in a human embryo in the month of:  
A) 7 Month      B) 4 Month      C) 9 Month      D) 8 Month

iii) The outer most layer of uterus is:  
A) Endometrium      B) Myometrium      C) Perimetrium      D) Perimysium

iv) An example of a secondary organizer is:  
A) PAZ      B) ZPA      C) ZAP      D) ZZW

v) The umbilical cord contains:  
A) One Vein, Two arteries      B) Two Veins, One Artery      C) One Vein, One Artery      D) Two Veins, Two Arteries

vi) The presence of stone in kidney is known as:  
A) Urolithiasis      B) Lithonephritis      C) Urethritis      D) Cystitis

vii) The seminiferous tubule contains cells which produce sperms.  
A) Sertoli cells      B) Germ Cells      C) Interstitial Cells      D) Root Cells

viii) If the source of food is away from 90 meter, the bees show dance called.  
A) Round dance      B) Jumping dance      C) Waggle dance      D) Cat dance

ix) The hormone of adrenal medulla is derived from this amino acid.  
A) Alanine      B) Serine      C) Valine      D) Tyrosine

x) If the stimulus is not capable to excite and fail to arise any response called.  
A) Threshold stimulus      B) Polarized      C) Depolarized      D) Sub-threshold stimulus

xi) The non-myelinated part of axon between Schwann cells called.  
A) Node of Ranvier      B) Interneuron      C) Cell body      D) Neurolemma

xii) The human axial skeleton composed of bones.  
A) 70      B) 90      C) 80      D) 72

xiii) The short chain amino acid hormones called.  
A) Peptide hormone      B) Protein hormone      C) Steroid hormone      D) Biogenic amines

xiv) The numbers of bones in pectoral girdle along with both fore limbs are.  
A) 64      B) 68      C) 62      D) 60

xv) The strong male of gorilla troops called.  
A) Gold back      B) Red back      C) Silver back      D) Orange back

xvi) The soma having special body called.  
A) Neurotransmitter      B) Nissl's Body      C) Axoplasm      D) Oligodendrocyte

xvii) The enzyme containing part of sperm is known as.  
A) Myosome      B) Acrosome      C) Head      D) Flagellum

xviii) The movement of wood lice depends upon the intensity of stimulus called.  
A) Taxis      B) Reflexes      C) Kinesis      D) FAP

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**Sebastian Brünink**

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