

# 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.)

### ZOOLOGY (XII)

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.

### 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 homeothermal and Ectothermal are called:  
A) Hemitherms      B) Poikilotherms      C) Heterotherms      D) Ectotherms
- ii) The vernix 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 is depends upon the intensity of stimulus called.  
A) Taxis      B) Reflexes      C) Kinesis      D) FAP

# Zoology Practical Past Paper A Uos

**J Ma**



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Nature ,1884      **The Bookseller** ,1885      Chemical News and Journal of Physical Science ,1896      *British Books* ,1908      Catalogue Bernard Quaritch (Firm), 1894

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