

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

Michael Rajnik

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the name bar.

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Collected Works of Charles Kingsley: Westminster sermons Charles Kingsley, 1894 **Sir Tom** Mrs. Oliphant (Margaret), 1893 **The last of the giant killers; or, The exploits of sir Jack of Danby dale.** Illustr. ed John Christopher Atkinson, 1893 *A Valiant Ignorance* Mary Angela Dickens, 1894 **Cawnpore** George Otto Trevelyan, 1886

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My New Home Mrs. Molesworth, 1894 **Oxford University Gazette** University of Oxford, 1911 *Science-gossip*, 1899 *Chemical News and Journal of Industrial Science*, 1885 **The Reference Catalogue of Current Literature**, 1940 *The Saturday Review of Politics, Literature, Science and Art*, 1876 **At Last: a Christmas in the West Indies** Charles Kingsley, 1887 **The Chemical News and Journal of Industrial Science** William Crookes, James H. Gardiner, Gerald Druce, H. W. Blood-Ryan, 1897

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