



ZOOLOGY PAPER - I (NEW) : ZOO - 241 Chordates - II (24155)

P. Pages: 2

Time: Two Hours Max. Marks: 40

Instructions to Candidates:

- 1. Do not write anything on question paper except Seat No.
- 2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
- 3. Students should note, no supplement will be provided.
- 4. All questions are compulsory.
- 5. Figure to the right indicate full marks.
- 6. Draw neat labelled diagram wherever necessary.

4		Multip	le	Cho	ice.

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- a) The body of Rat is divisible into ----
 - i) Head, Neck, Trunk & Tail
 - ii) Head, Neck & Trunk
 - iii) Head, Neck & Tail
 - iv) Head & Trunk.
- b) There are ----- pairs of salivary glands in Rat.
 - i) One

ii) Three

iii) Four

- iv) Five.
- c) The right lungs of Rat is divided into ---- lobes.
 - i) Two

ii) Three

iii) Four

- iv) Six.
- d) Kidney contain vast number of ----
 - i) Seminiferous tubules ii)
- ii) Graafian follicles
 - iii) Uriniferous tubules
- iv) Vasa deferentia.
- e) There are ----- pairs of cranial nerves in Rat.
 - i) 9

ii) 10

iii) 12

iv) 15

	f)	The inner ear of Rat is often called i) Retina ii) Jacobson organ iii) Cornea iv) Membranus labrynth.							
	g)	A pairs of salivary glands i.e. parotid glands which secret poison or in the poison snake. i) Venin ii) Venom iii) Vemon iv) Vemam							
	h)	The eyeball of Rat is formed by distinct layer. i) Two ii) Three iii) Four iv) Five.							
2.	Define / Explain / Comments any four.								
	a)	Bile							
	b)	Neurotoxic							
	c)	Bronchi							
	d)	Double circulation							
	e)	Ultrafiltration							
	f)	Digestion.							
3.	Attempt any two.								
	a)	Sketch & label - Male Rat							
	b)	Duck billed platypus.							
	c)	Scales in fishes.							
4.	Attempt any two.								
	a)	Viviparity.							
	b)	Sketch a label - Female reproductive system of Rat							
	c)	Structure of tongue of Rat.							
5.	Attempt any one of the following.								
	a) Describe the internal structure of heart of Rat.								
	b)) Describe the central nervous system of Rat.							

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