



ZOOLOGY PAPER - I : ZOO - 121 Chordates - I (12155)

P. Pages: 3

Time: Two Hours

Max. Marks: 40

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Instru	ctions	to Ca	ınaia	ates:

- 1. Do not write anything on question paper except Seat No.
- 2. Answer sheet should be written with blue ink only. Graph or diagram should be drawn with the same 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. Figures to right indicate full marks.
- 6. Draw neat labelled diagrams wherever necessary.

1.	Att	empt the following.		
	, i)	In an adult frog	_ pairs of cranial nerves are present	t.
		a) 12 b) 10	c) 14 d) 11	
	ii)	In frog, fertilization is _	The state in the Arm Transfer in	
		a) external c) in the water	b) internal d) a and c are correct	
	iii)	Type of teeth in frog ar	e Allandia de la compania del compania de la compania del compania de la compania del compania de la compania del compania de la compania del compania d	
		a) Homodont c) acrodont	b) Polyphyodont d) all	
	iv)	Abundance of nutrition develop gonads like ad	and oxygen supply the larval stage ult called	
		a) neoteny c) polyteny	b) paedogenesis d) both a & b	

iii) Sexual dimorphism iv) Excretion v) Pericardium vi) Gastric gland Attempt any two of the following. i) Describe the composition of blood of frog. ii) Sketch & label V.S. of eye of frog.	v) _1	erminar part or rectun	ir is called
a) May to September c) June to October d) July to September vii) Select the proper answer from the following. a) external ear present in frog. b) Middle ear present in frog. c) internal ear present in frog. d) both b and c are correct. viii) In frog, heart receives blood. a) oxygenated b) venous c) mixed d) none of the above Define / Explain / comment any four. i) Inspiration ii) Mesovarium iii) Sexual dimorphism iv) Excretion v) Pericardium vi) Gastric gland Attempt any two of the following. ii) Describe the composition of blood of frog. iii) Sketch & label V.S. of eye of frog.	p. 0 2	이 그 사람이 가장 하는데 이 집에 되었다.	그리는 이번 그렇게 하이는 사람들이 살아가면 하면 살아보고 있다면 하는 것이 되었다. 그는 사람들은 그렇게 되는 것이 되었다면 그렇게 되었다. 그렇게 없는 그렇게 되었다.
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시 기업을 위해 하는 이번 사람이 되었다. 이번 사람들은 사람들은 사람들이 되었다. 이번 사람들은 사람들은 사람들은 사람들이 되었다. 그런 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들이 되었다. 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	i) De	escribe the composition	on of blood of frog.
	ii) Sk	cetch & label V.S. of e	eye of frog.
iii) Describe the structure of uriniferous tubule.	iii) De	escribe the structure (of uriniferous tubule.

4.		a)	Attempt any two of the following.	6
			i) Write notes on "Sphenedon"	
			ii) Explain the food & feeding mechanism in frog.	
			iii) Give the functions of medulla oblongata of brain of frog.	
		b)	Explain – ventricle of heart of frog.	2
5.		Atte	empt any one of the following.	8
	٠	i)	Describe the female reproductive system of frog.	

ii) Explain the brain of frog.