

Sample Paper - Semester 3

SYBSc Zoology Paper II (December 2020)

1	<p>The products of digestion of maltose are glucose and</p> <ol style="list-style-type: none"> <li>Fructose</li> <li>Mannose</li> <li>Glucose</li> <li>Galactose</li> </ol> <p><b>Answer: Glucose</b></p>
2	<p>Cockroach can be termed as</p> <ol style="list-style-type: none"> <li>Herbivorous</li> <li>Graminivorous</li> <li>Omnivorous</li> <li>Carnivorous</li> </ol> <p><b>Answer: Ominivorous</b></p>
3	<p>Find the odd term</p> <ol style="list-style-type: none"> <li>Lactase</li> <li>Maltase</li> <li>Lipase</li> <li>Sucrase</li> </ol> <p><b>Answer: Lipase</b></p>
4	<p>Urea is formed in the</p> <ol style="list-style-type: none"> <li>Kidney</li> <li>Liver</li> <li>Spleen</li> <li>Cortical nephrons</li> </ol> <p><b>Answer: Liver</b></p>
5	<p>Birds are</p> <ol style="list-style-type: none"> <li>Uricotelic</li> <li>Ammonotelic</li> <li>Ureotelic</li> <li>Guanotelic</li> </ol> <p><b>Answer: Uricotelic</b></p>
6	<p>I. Air moves twice over lungs -in Pigeon II. Air moves only once over lungs -in Pigeon</p> <ol style="list-style-type: none"> <li>Statement I is true</li> <li>Statement II is true</li> <li>Both statements are true</li> <li>Both statements are False</li> </ol> <p><b>Answer: Statement I is true</b></p>
7	<p>Choose correct order – with respect to Shark</p> <ol style="list-style-type: none"> <li>Conus arteriorus, Sinus venosus, Auricle, Ventricle</li> <li>Ventricle, Conus arteriorus, Sinus venosus, Auricle,</li> <li>Auricle, Conus arteriorus, Sinus venosus, Ventricle</li> <li>Sinus venosus, Auricle, Ventricle, Conus arteriorus</li> </ol> <p><b>Answer: Sinus venosus, Auricle, Ventricle, Conus arteriorus</b></p>
8	<p>Heart chambers in Frog are</p> <ol style="list-style-type: none"> <li>1</li> <li>3</li> <li>3.5</li> </ol>

	d. 2.5 <b>Answer: 3</b>
9	Choose the correct option a. Only Crab shows open circulation b. Crab, Centipede and Crocodile show open circulation c. Only Crab and cockroach shows open circulation d. Only Crocodile show open circulation <b>Answer: Only crab and Cockroach shows open circulation</b>
10	Frog erythrocytes are? a. Nucleated and biconvex b. Nucleated and biconcave c. Eucleated and biconvex d. Eucleated and biconcave <b>Answer: Nucleated and biconvex</b>
11	When single sperm fertilises an egg it is called a. Multispermy b. Polyspermy c. Parthenogenesis d. Monospermy <b>Answer: Monospermy</b>
12	Which of these is a paired fin? a. Pectoral b. Anal c. Dorsal d. Caudal <b>Answer: Pectoral</b>
13	Paramecium locomotes with help of a. Flagella b. Cilia c. Pseudopodia d. Tube feet <b>Answer: Cilia</b>
14	Which is the odd term with respect to neurotransmitters a. Acetylcholine b. Norepinephrine c. Dopamine d. Cholinesterase <b>Answer: Cholinesterase</b>
15	Nerve net is found in a. Amoeba b. Paramecium c. Spongilla d. Hydra <b>Answer: Hydra</b>