

ICSE Class 10th Biology 2024 Answer Key

Question Number	Answer
1.i	B. Centromere
1.ii	C. Photophosphorylation
1.iii	D. Guttation
1.iv	B. Vasopressin
1.v	C. Magnesium ions
1.vi	D. Boy
1.vii	A. Stapes
1.viii	D. P, Q, and R
1.ix	C. Ciliary Muscles
1.x	B. R and S
1.xi	C. A selective permeable membrane
1.xii	A.24
1.xiii	A. Both A and R are True
1.xiv	A. 1 year
1.xv	B. Peppered Moth
2 (i) a	Root hairs
2 (i) b	Astigmatism
2 (i) c	Anemotropism
2 (i) d	Urea
2 (i) e	Implantation
2 (ii) a	Australopithecus, Neanderthal man, Homo erectus, Cro-Magnon
2 (ii) b	Pupil, Aqueous humour, Vitreous humour, Retina

2 (ii) c	Receptor, Sensory neuron, Motor neuron, Effector
2 (ii) d	Bowman's Capsule, Proximal convoluted tubule, Loop of Henle, Distal convoluted tubule
2 (ii) e	Soil water, Ascent of Sap, Leaves, Water vapour
2 (iii) a	Photosynthesis
2 (iii) b	Destarch
2 (iii) c	CO ₂
2 (iii) d	Brown
2 (iii) e	Blue-black
2 (iv) a	Albumin: Clotting factors
2 (iv) b	Glomerulus: Lymphatic system
2 (iv) c	Monocytes: Granulocytes
2 (iv) d	Styrofoam: Biodegradable waste
2 (iv) e	Pulmonary artery: Carry deoxygenated blood
2 (v) a	Leydig Cell: Testosterone
2 (v) b	Stoma: Diffusion of respiratory gases
2 (v) c	Ova: Haploid cells
2 (v) d	Cranial nerves: 12 pairs
2 (v) e	Cretinism: Lack of in thyroxine children