
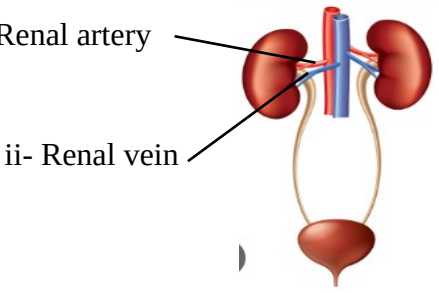


Second Terminal Evaluation 2024-25 Class 9 - BIOLOGY

Answer Key (Eng medium)		
<p>1. a). Krebs cycle. b). 28 3. b). i incorrect, ii, iii correct. 5. d). Both statement and reason correct.</p>	<p>2. Pancreas, Others are part of lymphatic system. 4. Osteoporosis. 6. a). A- iii, B- i, C-ii</p>	5x1
<p>7. Man-Lungs, Amoeba-Cell membrane, Fish-Gills Earthworm-Skin. 8. a). Tendon. Connects muscles to bones. b). Extensor muscle contracts, while the flexor regains its normal state. 9. Diabetes, Urinary tract infections, Liver disease/Jaundice, Kidney stone. 10. a). Carbaminohaemoglobin. c). 70% 11. Efficiency of heart increases. Dilates blood vessels/ Increases blood flow. Vital capacity of lungs increases, gaseous exchange becomes efficient. 12. During day time, photosynthesis and respiration take place simultaneously Carbon dioxide formed as a result of respiration is utilised for photosynthesis. 13. Cartilage is softer and more flexible. Blood vessels and nerves are absent. Growth is slow.</p>		6x2
<p>14. a). A- Grana, B- Lamella, C- Stroma, D- Thylakoid. b). Hydrogen, Oxygen. 15. A- Appendicular skeleton. B,C,D- Sternum,Ribs,Vertebral column. E,F- Pelvic girdle, Forelimb 16. Heart attack or failure. [Lack of exercise, fatty food, obesity, hypertension, alcohol consumption, smoking, mental stress ..] (Any2) 17. A- Flagellar movement. B- Movement of white blood cells C- Ciliary movement. D- Different movements (like running, walking, movement of lips...) 18. a). Haemodialysis. b). To prevent clotting of blood. c). It badly affects the diffusion of waste in to the fluid. 19. Insects- Uric acid – Malpighian tubules. Amoeba - Ammonia – Contractile vacuoles. Frog - Urea – Kidney.</p>	<p>20. A- Exoskeleton. B- Fluid filled chambers in the body. C,D- Earthworm/Hydra/ Snail/Jelly fish. E,F- Crab/Mussel/Oyster/Grasshopper/Cockroach.</p>	5x3
<p>21. a). A- Skeletal muscle B- Smooth muscle. b). (diagram) c). In A, the cells are cylindrical shaped with out branch. Voluntary. In B, the cells are cylindrical and branched. Involuntary.</p>		
<p>22. A- Inspiration B- Expiration C,D- Contracts E- Rises. F,G- Returns to its original state. H- Lowers.</p>		
<p>23. (diagram) a). i- Renal artery, ii- Renal vein. b). Carry urine to urinary bladder from kidneys.</p>		2x4
<p>Prepared by Rasheed Odakkal, GVHSS Kondotty</p>		(40)