



IAT Tech Month



Quiz Answers

How well did you do with our questions on the human and animal body?



Which of these proteins is synthesised by the Liver?

Albumin is a protein produced by the liver that plays a crucial role in maintaining fluid balance in the blood, transporting substances, and is a key indicator of overall health, particularly liver and kidney function



In which organ are male gametes produced?

The male gamete is the sperm cell. Sperm are continuously produced in the **testes** of adult male mammals.



Which of these blood vessels is responsible for carrying deoxygenated blood from the heart to the lungs?

A **pulmonary artery** is the artery that carries deoxygenated blood from the right side of the heart to the lungs.



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Produced in the Pancreas, what is Glucagon responsible for?

Glucagon is a hormone produced by the pancreas that **raises blood sugar** levels by stimulating the liver to release stored glucose (glycogen) and promoting the production of new glucose



Which cardiac ventricular wall is thickest?

The **left ventricular** wall is significantly thicker than the right ventricular wall because the left ventricle must pump blood throughout the entire body, requiring a stronger and more powerful pump.



Which of these is a gland located on the top of the Kidney?

The **adrenal glands**, also called suprarenal glands, are small, triangular-shaped endocrine glands located on top of each kidney, producing hormones that regulate metabolism, immune system, blood pressure, and stress response.



Which of the four lobes of the Brain is responsible for memory?

The **temporal lobe**, located on the sides of the brain near the temples and ears, plays a crucial role in processing auditory information, forming memories, and understanding language.



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Which cells in our skin are responsible for skin colour?

Skin colour is primarily determined by the amount and type of melanin, a pigment produced by specialised cells called **melanocytes** and influenced by genetics and environmental factors like sunlight exposure.



Which cells in the eye are responsible for vision in low light conditions?

The eye contains two types of photoreceptor cells: rods and cones. **Rods** are responsible for vision in low light conditions (night vision), while cones are responsible for colour vision and function best in bright light.



Which of these is part of the small intestine?

The intestines consist of the small and large intestines. The small intestine has three parts: the duodenum, jejunum, and **ileum**, while the large intestine includes the cecum, colon (ascending, transverse, descending, and sigmoid), rectum, and anal canal.
