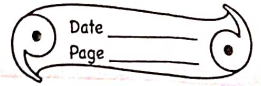


H/W  
21/08/22

## HOME ASSIGNMENT



① Why adrenal gland is gland is named so?

Ans Ad means above and Renal means kidney. Thus, Adrenal gland is located above the kidneys, that is why the gland is named so.

② Name the emergency hormone. When it is secreted?

Ans Adrenaline is the emergency hormone which is secreted to provide extra energy in the adverse situations like when we are feeling anxiety, fear, nervous etc.

③ Pancreas acts as both endocrine and exocrine gland. Explain.

Ans

Pancreas acts as an endocrine gland because it secretes Pancreatic juices which is the enzyme through ducts to the upper part of the small intestine (duodenum) which is the target organ.

Pancreas also acts as an exocrine gland as it also secretes insulin and glucagon which are the hormones, which are poured directly into the blood & are then carried by to the target organs.

Thus, Pancreas acts as both endocrine and exocrine gland.