

Model Question for Admission Test into 1st Year Honours

1. MCQ

(A) Choose the correct answer:

- (i) Autocrine system is related to
a) Immune system b) Endocrine system c) Autonomic nervous system d) Digestive system
- (ii) The largest energy reserve in human being is
a) Blood glucose b) Muscle glycogen c) Adipose tissue triacyl glycerol d) Liver glycogen

(B) Fill in the blanks:

- i) The favourable PH of ptyalin activity is -----.
ii) Agranular ER is involved in the synthesis of -----.

(C) Tick the odd man out

- (a) The following hormones do not act through intracellular receptors.
i) Thyroxine ii) Insulin iii) Glucagon iv) Adrenaline
- (b) Erythroblastosis foetalis is not a type of –
i) Cell carcinoma ii) Bone marrow disorder iii) Anaemia due to genetic disorder. iv) Liver disorder.

(D) Matching:

Match the following –

<u>Cell type</u>	<u>Location</u>
Pyramidal cell	Liver
Podocyte cell	Stomach
Kuffer cell	Kidney
Oxyntic cell	Cerebral cortex

(E) True / False

- i) Ribulose is a type of lipoprotein (T/F)
ii) Calcium chloride is the major component of bone tissue (T/F)

2. Short answer type questions:-

- a) Name any one of the internodal tracts present between SA node and AV node.
b) Why the diameter of the efferent arteriole is smaller than afferent arteriole?
