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NEET CHEMICAL COORDINATION AND INTEGRATION — PANCREAS — PYQS

Max. Marks: 20 **Questions:** 5

Section A (MCQ) — 5 questions

Q.1 Which one of the following statements is incorrect? [RE-NEET (UG) 2026]

(1) β-cells of pancreas secrete insulin
(2) α-cells of pancreas secrete glucagon
(3) α-cells of pancreas secrete insulin
(4) Glucagon stimulates glycogenolysis

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Q.2 Which of the following glucose transporters is insulin-dependent? [NEET (UG) 2019]

(1) GLUT III (2) GLUT IV
(3) GLUT I (4) GLUT II

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Q.3 Name a peptide hormone which acts mainly on hepatocytes, adipocytes and enhances cellular glucose uptake and utilisation. [NEET 2016 (Phase 2)]

(1) Insulin (2) Glucagon
(3) Secretin (4) Gastrin

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Q.4 Which of the following represents the action of insulin? [NEET 2013 (Karnataka)]

(1) Increases blood glucose level by stimulating glucagon production.
(2) Decreases blood glucose levels by forming glycogen.
(3) Increases blood glucose levels by promoting cellular uptake of glucose.
(4) Increases blood glucose levels by hydrolysis of glycogen.

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Q.5 Which one of the following pairs is incorrectly matched? [AIPMT 2010 (Prelims)]

(1) Glucagon – Beta cells (source)
(2) Somatostatin – Delta cells (source)
(3) Corpus luteum – Relaxin (secretion)
(4) Insulin – Diabetes mellitus (disease)

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ANSWER KEY

Ques.	1	2	3	4	5						
Ans.	3	2	1	2	1						