

PYQSide

NEET BIOMOLECULES (BIOLOGY) — ANALYSIS OF CHEMICAL COMPOSITION, PRIMARY AND SECONDARY METABOLITES — PYQS

Max. Marks: 44

Questions: 11

Section A (MCQ)

Q.1 Arrange the following elements in descending order of their contribution to percentage weight of the human body.

- A. Oxygen B. Carbon
C. Hydrogen D. Nitrogen

[RE-NEET (UG) 2026]

- (1) B, A, C, D (2) A, B, C, D
(3) C, A, B, D (4) B, C, D, A

Scan or tap for the full solution



Q.2 Match List-I with List-II

List - I		List - II	
A.	Adenosine	I.	Nitrogen base
B.	Adenylic acid	II.	Nucleotide
C.	Adenine	III.	Nucleoside
D.	Alanine	IV.	Amino acid

Choose the option with all correct matches.

[NEET (UG) 2025]

- (1) A-III, B-II, C-I, D-IV (2) A-II, B-III, C-I, D-IV
(3) A-III, B-IV, C-II, D-I (4) A-III, B-II, C-IV, D-I

Scan or tap for the full solution



Q.3 Which one of the following statements refers to Reductionist Biology? [NEET (UG) 2025]

- (1) Chemical approach to study and understand living organisms
(2) Behavioural approach to study and understand living organisms
(3) Physico-chemical approach to study and understand living organisms
(4) Physiological approach to study and understand living organisms

Scan or tap for the full solution



Q.4 Match List-I with List-II

List-I		List-II	
a.	Adenine	i.	Pigment
b.	Anthocyanin	ii.	Polysaccharide

List-I		List-II	
c.	Chitin	iii.	Alkaloid
d.	Codeine	iv.	Purine

Choose the correct answer from the options given below [NEET (UG) 2022 (Phase 2)]

- (1) (a) - (i), (b) - (iv), (c) - (iii), (d) - (ii)
(2) (a) - (iv), (b) - (i), (c) - (ii), (d) - (iii)
(3) (a) - (iv), (b) - (iii), (c) - (ii), (d) - (i)
(4) (a) - (iii), (b) - (i), (c) - (iv), (d) - (ii)

Scan or tap for the full solution



Q.5 Which of the following are not secondary metabolites in plants? [NEET (UG) 2021]

- (1) Rubber, gums (2) Morphine, codeine
(3) Amino acids, glucose (4) Vinblastin, curcumin

Scan or tap for the full solution



Q.6 Identify the incorrect pair [NEET (UG) 2021]

- (1) Drugs - Ricin
(2) Alkaloids - Codeine
(3) Toxin - Abrin
(4) Lectins - Concanavalin A

Scan or tap for the full solution



Q.7 Match the following

Column-I		Column-II	
a.	Inhibitor of catalytic activity	i.	Ricin
b.	Possess peptide bonds	ii.	Malonate
c.	Cell wall material in fungi	iii.	Chitin
d.	Secondary metabolite	iv.	Collagen

Choose the correct option from the following

[NEET (UG) 2020]

- (1) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)
(2) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)
(3) (a)-(ii), (b)-(iv), (c)-(iii), (d)-(i)
(4) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

Scan or tap for the full solution



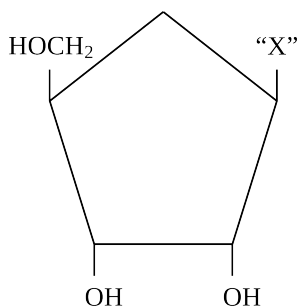
Q.8 Concanavalin A is: [NEET (UG) 2019]

- (1) a lectin (2) a pigment
(3) an alkaloid (4) an essential oil

Scan or tap for the full solution



Q.9 The given diagrammatic representation shows one of the categories of small molecular weight organic compounds in the living tissues. Identify the category shown and the one blank component "X" in it. [AIPMT 2012 (Prelims)]



(1)

Category	Component
Cholesterol	Guanine

(2)

Category	Component
Amino acid	NH ₂

(3)

Category	Component
Nucleotide	Adenine

(4)

Category	Component
Nucleoside	Uracil

Scan or tap for the full solution



Q.10 About 98 percent of the mass of every living organism is composed of just six elements including carbon, hydrogen, nitrogen, oxygen and

[AIPMT 2007]

- (1) sulphur and magnesium
(2) magnesium and sodium
(3) calcium and phosphorus
(4) phosphorus and sulphur

Scan or tap for the full solution



Q.11 In which one of the following nitrogen is not a constituent ? [AIPMT 2003]

- (1) Pepsin (2) Invertase
(3) Idioblast (4) Bacteriochlorophyll

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	2	1	3	2	3	1	3	1	4	4	3