

Total No. of Questions: 6

Total No. of Printed Pages:1

Enrollment No.....



Faculty of Pharmacy
End Sem Examination Dec-2023
PY3RC01 Remedial Biology

Programme: B. Pharm.

Branch/Specialisation: Pharmacy

Duration: 3 Hrs.

Maximum Marks: 35

Note: All questions are compulsory. Internal choices, if any, are indicated. Assume suitable data if necessary. Notations and symbols have their usual meaning.

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|-----|------|---|---|
| Q.1 | i. | Define living organism. | 1 |
| | ii. | What is blood? | 1 |
| | iii. | Full form of RAAS? | 1 |
| | iv. | Name the photosynthetic pigment. | 1 |
| | v. | Define Glycolysis. | 1 |
| Q.2 | i. | Explain general anatomy of root and stem. | 6 |
| OR | ii. | Elaborate Binomial nomenclature. | 6 |
| Q.3 | i. | Explain structure of human heart with its physiology. | 6 |
| OR | ii. | Discuss human alimentary canal with digestive glands. | 6 |
| Q.4 | i. | Explain human excretory system with structure and function. | 6 |
| OR | ii. | Illustrate female reproductive system. | 6 |
| Q.5 | i. | Give the roles of different macro and micronutrients. | 6 |
| OR | ii. | Explain the process of photosynthesis. | 6 |
| Q.6 | i. | Classify epithelial and muscular tissue. | 6 |
| OR | ii. | Discuss structure and function of cell. | 6 |

Marking Scheme

PY3RC01 - Remedial Biology

Q.1	i)	Definition of Living organism-	1 Mark	1
	ii)	Explanation of blood –	1 Mark	1
	iii)	Full form of RAS –	1 Mark	1
	iv)	Name the photosynthetic pigment –	1 Mark	1
	v)	Definition Glycolysis-	1 Mark	1
Q.2	i.	Explanation general anatomy of root and stem- 3 and 3 Mark each		6
OR	ii.	Elaboration of Binomial nomenclature-	6 Marks	6
Q.3	i.	Explanation of structure of human heart with its physiology. 3 mark – structure 3 Marks & – physiology. 3 Marks		6
OR	ii.	Discussion of human alimentary canal with digestive glands. 4 Mark human alimentary canal, - digestive glands 2 Mark		6
Q.4	i.	Explanation of human excretory system with structure and function. Structure – 4 Mark , Function 2 Mark		6
OR	ii.	Illustrate female reproductive system. Diagram 3 Mark & explanation 3 Mark		6
Q.5	i.	Give the roles of different macro and micronutrients. Macro- 3 Marks & Micro – 3 Marks.		6
OR	ii.	Explanation of process of photosynthesis.	6 Marks	6
Q.6	i.	Classify epithelial and muscular tissue.	3 Marks each	6
OR	ii.	Discuss structure and function of cell. - structure & function.	3 Marks 3 Marks	6
