

**Assignment details**

**Class: B.Sc. 1<sup>st</sup> Semester Biotechnology**

**Session: July- December 2024**

S.No	Name of student	Father's Name	Assignment Topic
1	Abhishek Sahu	Lomash Sahu	The modern concept of origin of life
2	Anjali Sahu	Raj Kumar Sahu	Contribution of Indian Scientists in biology
3	Bhojkumari	Moti Ram	Structure of Prokaryotic Cells
4	Chandrakala Thakur	Hemant Prasad Thakur	Structure of Plant Cell
5	Domeshwari	Laxman Tarak	Structure of Animal Cell
6	Dharna Sahu	Banshi Lal Sahu	Cell Organelles -Mitochondria
7	Dipti	Pokhan Lal	Cell Organelles - Chloroplast
8	Dolly Sahu	Bhisham Kumar Sahu	Cell division- Meiosis
9	Durgeshnandini Diwan	Jodhi Ram Kanwar	Cell Organelles - Endoplasmic Reticulum
10	Duwa Rizwi	Jamal Rizwi	Cell Organelles - Golgi body
11	Harshit Kumar	Jeevan Lal	Chromosome ultrastructure
12	Harshita	Mukesh Kumar	Cell Organelles - Lysosome, Peroxisome
13	Hempushpa	Reman Singh	Cell division- Mitosis
14	Jhamman Lal Sahu	Chinta Ram Sahu	Apoptosis
15	Kanchan Sahu	Purnanand Sahu	Biology of Cancer
16	Karan Bharti	Jageshwar Bharti	Carbohydrate-Monosaccharides
17	Kashis	Gajanand	Carbohydrate- Oligosaccharides
18	Ketu Man Sahu	Ashok Kumar Sahu	Carbohydrate-Homopolysaccharides
19	Khushbu Sahu	Abhay Ram Sahu	Carbohydrate-Heteropolysaccharides
20	Khushbu	Horilal	Lipid-Introduction and Functions
21	Meenakshi	Mukesh Kumar	Lipid-Classification
22	Nidhi	Vimal Kumar	Lipid-Structures
23	Nisha Sahu	Ritesh Sahu	Glycolysis
24	Om Narayan Yadav	Kamal Narayan Yadav	Kreb's Cycle
25	Pankaj Sahu	Narshing	Gluconeogenesis
26	Payal Nirmalkar	Sudama Nirmalkar	Amino Acid- Introduction, Structure & Functions
27	Pooja Kurre	Madhu Kumar Kurre	Glycogenesis
28	Ritu	Manik Ram	Amino Acid-Classification
29	Roma Sahu	Omprakash Sahu	Proteins- Introduction, Function
30	Rudra Pratap Sahu	Jageshwar Kumar Sahu	Beta oxidation of fatty acids
31	Sadhana	Thanuram	Fatty acid biosynthesis
32	Samiksha Verma	Shanker Verma	Protein - Structure (Primary & Secondary)
33	Sandhya	Shrawan Kumar	Protein - Structure (Tertiary)
34	Tejswani	Santosh Kumar Sahu	Protein - Structure (Quartnary)



35	Toshan Kumar	Tikesh	Enzyme-Nomenclature
36	Tuleshwari	Ramkhillawan	Enzyme Classification
37	Vidhi Singh Rajput	Manish Singh Rajput	Enzyme Mechanism of Action
38	Yugal Kishor	Rakesh Kumar	Enzyme- Factors affecting Enzyme action

**Note:** 1. Each students should submit the assignment (write-up) on their respective topic on or before 15/10/2024.

2. The assignment must be handwritten and not more than 10-15 pages (A4 size).

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