



ST. XAVIER'S COLLEGE OF EDUCATION

Digha Ghat P.O., Patna – 800 011, Bihar, India

Phone : 0612 2260253

E-mail: sxcepatna@gmail.com

www.sxcepatna.edu.in

NAAC Accredited with 'A' Grade 3rd Cycle

Biological Science Laboratory

Charts

1. Anatomy of Stems
2. Anatomy of Root
3. Anatomy of Leaf
4. Plant Tissue
5. Mitosis of Plant
6. Meiosis in Plant
7. Human Ear
8. Soil Erosion
9. Food Chain
10. Digestive System
11. Endocrine System
12. Male Reproductive System
13. Female Reproductive System
14. Excretory System
15. Nervous System
16. Muscular System
17. Human Embryology
18. Kidney, Skin & Excretory System
19. Respiratory System
20. Human Heart
21. Human Skeleton
22. Human Muscles
23. Blood Circulation System
24. Human Eye
25. Lymphatic System
26. Soil Conservation
27. Pollen System
28. Brain and Spinal Cord
29. Budding in Hydra
30. Neuron
31. T.S. of Spinal Cord
32. Parts of a Flower
33. Structure of Heart
34. The Skin
35. Transpiration in Plant
36. Transport and Exchange of O₂ and CO₂
37. प्रोकैरियाटिककोशिक
38. जंतुकोशिका
39. जलोद्भिदपौधा
40. अमीबामें द्विखंडन
41. पादपमें द्विनिषेचन
42. पौधोमेंपदार्थोकापरिवहन
43. पादपउत्तक
44. जीवोमेंअलैगिकजनन
45. मानवउत्सर्जनतंत्र
46. वायुप्रदूषण के प्रभाव
47. मानव श्वसनतंत्र

Model

1. Digestive System
2. Lungs with Heart
3. Respiratory System
4. Human Circulatory System
5. Human Circulatory System
6. Circulation of Blood
7. Urinary System
8. Nutrition in Amoeba
9. Human Skeleton
10. Gas Plant
11. Cells
12. Human Heart
13. Neuron
14. Excretory System
15. Venus Fly Trap
16. Bio gas Plant
17. Respirometer
18. Biosphere
19. Mitochondria
20. जलचक्र
21. मानव नेत्र
22. रेशमकीटका जीवन चक्र
23. मनुष्य काउत्सजीतंत्र



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Chemicals

1. Chemicals - Benedict's Solution
2. Chemicals - Binret reagent
3. Chemicals - Filter Paper (Box)
4. Chemicals - Millon's reagent
5. Chemicals - Sudan III
6. Chemicals - Whatman's No. 4

Equipment

1. Cover Slip (Pkt)
2. Cover slips (Pkts)
3. Disecting Kit (Set)
4. Disecting Tray with Wax
5. Glass Slide
6. Microscope Compound (Olympus)
7. Microscope Disecting (HAS)
8. Microscope Electrical
9. Permanent Slides - Stages of mitosis
10. Permanent Slides - T.S. of Artery
11. Permanent Slides - T.S. of mammalian ovary
12. Permanent Slides - T.S. of mammalian spinal cord
13. Permanent Slides - T.S. of Vein
14. Permanent Slides - Types of Plant Tissues
15. Watch Glasses (Pcs)
16. Apparatus - Lesihman's stair
17. Apparatus - Mortar and pestle
18. Apparatus - Needle (for pricking)
19. Apparatus - Petri Dish
20. Apparatus - Universal PH Paper (Box)

Presentation

1. Photosynthesis in Plants
2. Respiratory System
3. Cellular Respiration
4. Reproduction in Plants and Humans
5. Mitosis and Meiosis (Cell Division)
6. Cell and Cellular Organelles
7. Seed
8. Vegetative Propagation
9. Nutritive in Animals
10. Nucleus
11. Excretion in Human Beings
12. Human Digestive System
13. Bacteria
14. Structure of DNA
15. Wild Life and Forest Conservation
16. Cell Organelles
17. Biology Museum
18. Aquarium
19. Field Trip
20. Science Exhibition
21. Improvisation

Videos

1. Photosynthesis
2. Respiration
3. Mitosis and Meiosis
4. Cell Organelles
5. Transportation across cell membrane
6. Double Fertilization
7. DNA Replication and Transcription
8. Natural Cycles