

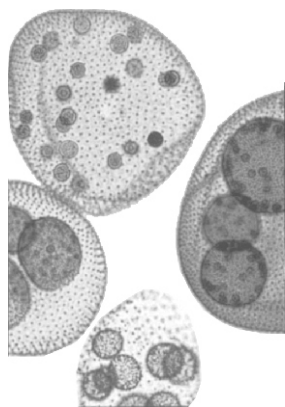
Biocraft's Permanent Micro-Prepared Slides

Differentially double or triple stained slides, showing all details. A vital function of our microtechnique laboratory is to inspect the accuracy of every slide at various stages of its manufacture in order to ensure the standard quality which is essentially required for teaching the subject. Slide boxes are charged extra at cost.

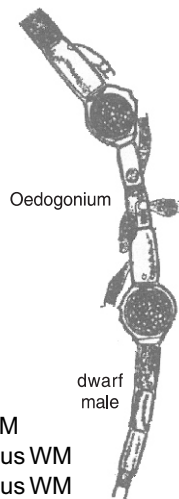
Code Value : A=24, B=28, C=32, D=40, E=64

Slides are Supplied Strictly on Approval Basis

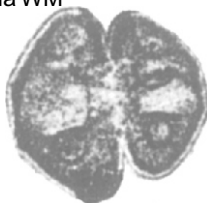
BBS	Price Rs.	BBS	Price Rs.
Algae Cyanophyceae			
1. Aulosira	B	40. Coleochaete WM	B
2. Anabaena WM	B	41. Coleochaete discoid WM	B
3. Aphanotheca WM	B	42. Coleochaete antheridia	B
4. Chroococcus WM	B	43. Coleochaete oogonium	B
5. Gleotrichia WM	B	44. Desmids mixed WM	B
6. Gleocapsa WM	B	45. Diatoms pinnate	B
7. Gleothecea WM	B	46. Diatom centric	B
8. Lyngbya WM	B	47. Drapanaldiopsis WM	B
9. Phormidium	B	48. Enteromorpha WM	B
10. Microcystis WM	B	49. Fristichella WM	B
11. Nostoc WM	B	50. Hydrodictyon WM	B
12. Nostoc in root section	B	51. Halimeda WM	B
13. Nostochopsis	B	52. Eudorina WM	B
14. Oscillatoria WM	B	53. Mougeotia WM	B
15. Rivularia WM	B	54. Nitella WM	B
16. Stigonema WM	B	55. Oedogonium vegetative	B
17. Scytonema WM	B	56. Oedogonium capcells WM	B
18. Spirulina WM	B	57. Oedogonium macrandrous WM	B
19. Schizothrix	B	58. Oedogonium nannandrous WM	B
20. Tolypothrix WM	B	59. Oedogonium oogonial WM	B
		60. Pandorina WM	B
		61. Pithophora WM	B
		62. Rhizoclanium	B
		63. Spirogyra vegetative WM	B
		64. Spirogyra scalariform conj. WM	B
		65. Spirogyra lateral conj. WM	B
		66. Stigoclonium WM	B
		67. Ulothrix vegetative WM	B
		68. Ulothrix reproductive WM	B
		69. Ulva thallus WM	B
		70. Vaucheria vegetative WM	B
		71. Vaucheria reproductive WM	B
		72. Volvox daughter colony WM	B
		73. Volvox oogonial colony WM	B
		74. Volvox antheridial colony WM	B
		75. Volvox zygote colony WM	B
		76. Volvox mixed stage colony WM	B
		77. Zygnuma vegetative WM	B
		78. Zygnuma conjugation WM	B
		79. Zygnumopsis	C



Volvox



Oedogonium
dwarf male



Goamarium



Vaucheria

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BBS

Price Rs.

Phaeophyceae (Brown Algae)

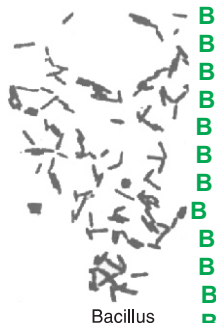
- 80. Corallina WM **B**
- 81. Dictyota apical dichotomy **B**
- 82. Dictyota oogonial thallus VS **B**
- 83. Dictyota antheridial thallus VS **B**
- 84. Dictyota tetrasporic thallus **B**
- 85. Ectocarpus unilocular WM **B**
- 86. Ectocarpus plurilocular WM **B**
- 87. Fucus thallus TS **B**
- 88. Fucus male conceptacle VS **B**
- 89. Fucus female conceptacle VS **B**
- 90. Padina thallus WM **B**
- 91. Sargassum thallus (leaf) TS **B**
- 92. Sargassum male conceptacle TS **B**
- 93. Sargassum female conceptacle TS **B**
- 94. Sargassum bladder TS **B**
- 95. Laminaria Thallus TS **B**
- 96. Laminaria Receptacle VS **B**

Rhodophyceae (Red Algae)

- 97. Amphiora WM **C**
- 98. Batrachospermum Veg. WM **B**
- 99. Batrachospermum fruiting WM **B**
- 100. Compsopogon WM **B**
- 101. Gracillaria thallus TS **B**
- 102. Gracillaria WM with cystocarp **B**
- 103. Gracillaria cystocarp TS **B**
- 104. Porphyra WM **B**
- 105. Polysiphonia antheridial WM **B**
- 106. Polysiphonia cystocarp WM **B**
- 107. Polysiphonia tetrasporic WM **B**
- 108. Polysiphonia vegetative WM **B**
- 109. Pedastrum WM **B**

Virology and Bacteriology

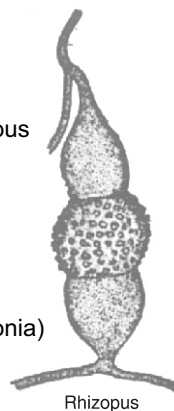
- 110. Bacteria typical **B**
- 111. Coccus form **B**
- 112. Bacillus form **B**
- 113. Spirill form **B**
- 114. Gram positive bacteria **B**
- 115. Gram negative bacteria **B**
- 116. Gram lacto spirillum **B**
- 117. Root nodule of legume TS **B**
- 118. Micrococcus WM **B**
- 119. Cocosococcus WM **B**
- 120. Streptococcus **B**
- 121. Vibrocomma **B**
- 122. Staphylococcus aureus **B**
- 123. Staphylococcus viridance **B**
- 124. Bacillus anthracis **B**



BBS

Price Rs.

- 125. Bacillus subtilis **B**
- 126. Clostridium tetni **B**
- 127. Corynebacterium diphtheri **B**
- 128. Escherichia coli **B**
- 129. Haemophilus **B**
- 130. Mycobacterium leprae **B**
- 131. Neisseria gonococcus **B**
- 132. Mycobacterium tuberculosis **B**
- 133. Pasteurella (Plague) **B**
- 134. Salmonella typhi **B**
- 135. Salmonella shiga **B**
- 136. Shigella dysenterae **B**
- 137. Spirochaetes (Syphlis) **B**
- 138. Vibrio cholera (Cholera) **B**
- 139. Pneumococcus (Pneumonia) **B**
- 140. Small pox virus **B**
- 141. Polio virus **B**



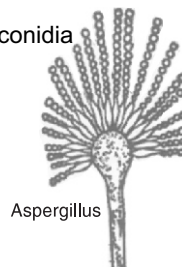
Phyco mycetes

- 142. Allomyces **B**
- 143. Bremia WM **B**
- 144. Cystopus conidia VS **B**
- 145. Cystopus sex organs VS **B**
- 146. Cystopus zygote VS **B**
- 147. Mucor veg. WM **B**
- 148. Mucor sporangia WM **B**
- 149. Mucor (Zygote) WM **C**
- 150. Phytophthora host leaf TS **B**
- 151. Perenospora WM **B**
- 152. Pilobolus WM **B**
- 153. Pythium WM **B**
- 154. Rhizopus veg. WM **B**
- 155. Rhizopus sporangia WM **B**
- 156. Rhizopus sexual WM **C**
- 157. Saprolegnia vegetative WM **B**
- 158. Saprolegnia sexual WM **B**
- 159. Stemonites WM **B**
- 160. Synchytrium host leaf TS **B**
- 161. Synchytrium Prosorus **B**



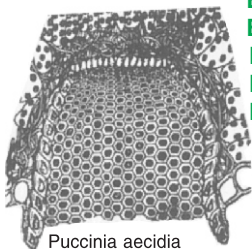
Ascomycetes

- 162. Aspergillus (Euratum) conidia **B**
- 163. Ascobolus VS **B**
- 164. Cyathus **B**
- 165. Erysiphae WM **B**
- 166. Lycoperdon VS **B**
- 167. Morchella TS **B**
- 168. Neurospora TS **B**
- 169. Penicillium veg **B**
- 170. Penicillium Conidial **B**
- 171. Phyllactinia WM/TS **B**

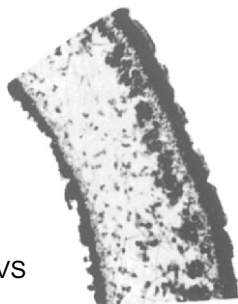


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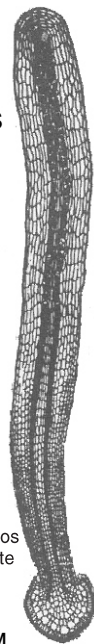
BBS	Price Rs.	BBS	Price Rs.
172. Protomyces on host TS	B	215. Funaria archegonia VS/WM	B
173. Peziza apothecia VS	B	216. Funaria capsule LS/TS	B
174. Taphrina VS	B	217. Lunularia gemma cup VS	B
175. Uncinula WM	B	218. Marchantia thallus TS	B
176. Xylaria stroma CS/LS	B	219. Marchantia gemmae cup VS	B
177. Yeast budding	B	220. Marchantia gemmae WM	B
178. Yeast cell	B	221. Marchantia antheridial head VS	B
Basidiomycetes		222. Marchantia archegonial head VS	B
179. Agaricus stipe TS	B	223. Marchantia sporophyte VS	B
180. Agaricus pileus VS	B	224. Moss protonema WM	B
181. Agaricus stipe & Pileus VS	B	225. Moss leaf WM/TS	B
182. Agaricus button stage VS	B	226. Moss stem TS	B
183. Polyporus TS/LS	B	227. Moss archegonial head VS/WM	B
184. Puccinia uredo on wheat leaf TS	B	228. Moss antheridial WM/VS	B
185. Puccinia teleuto on wheat stem TS	B	229. Moss capsule LS/TS	B
186. Puccinia aecidia on barberry leaf	B	230. Moss peristome	B
187. Puccinia pycnia VS	B	231. Moss plant with capsule WM	B
188. Ustilago spores WM	B	232. Notothyllus sporophyte WM	B
189. Ustilago with host	B	233. Notothyllus sporophyte LS	B
190. Uromyces VS	B	234. Plagiochasma thallus	B
191. Ravenilia VS	B	235. Plagiochasma receptacle	B
192. Melampsora TS	B	236. Porella veg. WM	B
Deuteromycetes		237. Porella antheridial	B
193. Alternaria	B	238. Porella archegonial	B
194. Cercospora	B	239. Porella sporophyte	B
195. Fusarium	B	240. Polytrichum archegonial VS/WM	B
196. Aspergillus	B	241. Polytrichum Antheridial VS/WM	B
197. Curvularia	B	242. Polytrichum capsule VS/TS	B
198. Helminthosporium	B	243. Riccia thallus TS/WM	B
199. Colletotrichum	B	244. Riccia antheridial VS	C
Lichens		245. Riccia archegonial VS	C
200. Lichen thallus TS	B	246. Riccia mature sporophyte VS	C
201. Lichen thallus WM	B	247. Riccia zygote TS	C
202. Lichen soredia WM	B	248. Sphagnum WM	B
203. Lichen apothecium VS	B	249. Sphagnum sporophyte	C
Bryophyta		250. Sphagnum antheridial	C
204. Anthoceros thallus LS/TS	B	251. Sphagnum archegonial	C
205. Anthoceros sporophyte WM	B	252. Targonia thallus TS	B
206. Anthoceros sorophyte TS/LS	B	Pteridophytes	
207. Anthoceros archegonia WM/TS	B	253. Azolla sporocarp VS	B
208. Anthoceros antheridia WM/TS	B	254. Adiantum rhizome TS	B
209. Cyathodium thallus TS	B	255. Adiantum root TS	B
210. Conocephalum anthd./archeg. TS	B	256. Adiantum petiole TS	B
211. Conocephalum thallus TS	B	257. Adiantum sorus VS	B
212. Cryptomitrium thallus TS	B	258. Botrychium rhizome TS	B
213. Dumortiera thallus TS	B	259. Botrychium root TS	B
214. Funaria antheridia VS/WM	B	260. Botrychium stipe TS	B
		261. Equisetum prothallus VS	B
		262. Equisetum root TS	B



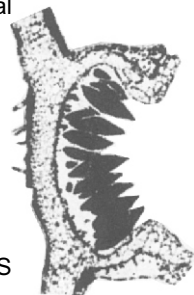
Puccinia aecidia



Lichen Thallus



Anthoceros sorophyte



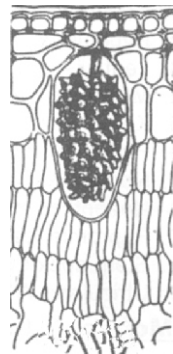
Marchantia Gemma Cup, sec

Code Value : A=24, B=28, C=32, D=40, E=64

BBS	Price Rs.	BBS	Price Rs.
359. Cedrus male cone TS	C	405. Chlorenchyma	B
360. Cedrus female cone TS	C	406. Stone cells TS	B
361. Cedrus ovule LS	C	407. Glandular tissue nectary VS	B
362. Gnetum stem TLS/RLS	B	408. Latex cells TS	B
363. Gnetum stem TS	B	409. Mucilage duct section	B
364. Gnetum petiole TS	B	410. Oil cavities, citrus fruit VS	B
365. Gnetum root TS	C	411. Xylem elements proto & meta TS	B
366. Gnetum leaf TS	B	412. Xylem, spiral and annular vessels	B
367. Gnetum male cone TS/LS	C	413. Xylem elements pitted vessels	B
368. Gnetum female cone TS/LS	C	414. Xylem elements bordered vessels	B
369. Gnetum ovule VS	C	415. Phloem elements	B
370. Aurocaria leaf TS	B	416. Sieve tubes	B
371. Aurocaria stem TS	B	417. Unicellular hairs WM	B
372. Aurocaria male cone TS	C	418. Multicellular hairs WM	B
373. Aurocaria female cone TS	C	419. Stellate hairs WM	B
374. Zamia ovule VS	C	420. Glandular hairs WM	B
375. Zamia petiole TS	B	421. Stinging hairs WM	B
376. Zamia leaf TS	B	422. Wheat grain TS	B
377. Podocarpus Stem TS	B	423. Maize grain TS	B
Angiosperm			
<i>Cell & Its Contents</i>			
378. Typical plant cell (onion)		424. Paddy grains TS	B
379. Cucurbita epidermal hairs WM		425. Lenticels	B
380. Tradescantia epidermal Hairs		426. Resin canal	B
381. Allium root apex mitosis		427. Stomata	B
382. Starch grains eccentric		428. Protostele in section	B
383. Starch grains concentric		429. Actinostele in section	B
384. Potato tuber VS		430. Plecostele in section	B
385. Bean cotyledon TS		431. Siphonostele in section	B
386. Compound starch grains		432. Solenostele in section	B
387. Semi compound grains		433. Dicotystele in section	B
388. Schizo genous cavity		434. Actostele in section	B
389. Lysigenous cavity		435. Polystele in section	B
390. Aleurone layers, grain TS		435 (A) Tracheids	B
391. Protein bodies		Dicotyledon Stem	
392. Raphides, WM		436. Achyranthus stem TS	B
393. Sphaeroraphides		437. Amaranthus stem TS	B
394. Cystolith		438. Aristolochia young stem TS	B
395. Tanin cell		439. Aristolochia old stem TS	B
396. Inulin (dahalia root TS)		440. Avecenia stem TS	B
397. Sclereids in section		441. Begonia stem TS	B
398. Water storage cells silica deposits		442. Boerhavia stem TS	B
398A. Calcium oxalate crystals		443. Nelum bium stem TS	B
Tissue Slides			
399. Trichoblasts in section	B	444. Bougainvillia stem TS	B
400. Apical stem meristem LS	B	445. Brassica (mustard) stem TS	B
401. Aerenchyma TS or WM	B	446. Cactus cladode TS	B
402. Collenchyma TS or WM	B	447. Calotropis stem TS	B
403. Sclerenchyma TS or WM	B	448. Casurina stem TS	B
404. Sclerenchyma fibersmacerated	B	449. Chenopodium stem TS	B
		450. Clematis stem TS	B
		451. Cosmos stem TS	B
		452. Capparis stem T.S.	B



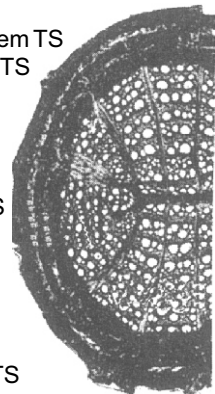
Starch grains



Cystolith



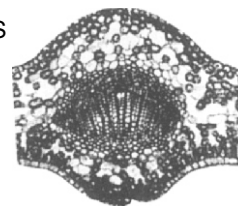
Stellate hair



Aristolochia

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BBS	Price Rs.	BBS	Price Rs.
452. Cucurbita young stem TS	B	Monocotsledon Stem	
453. Cucurbita old stem TS	B	499. Asparagus TS	B
454. Cucurbita stem LS	B	500. Dracaena stem TS	B
455. Cuscuta with host TS	B	501. Grass stem TS	B
456. Ficus stem TS	B	502. Hydrilla stem TS	B
457. Helianthus young stem TS/LS	B	503. Maize mature stem TS	B
458. Helianthus old stem TS/LS	B	504. Maize stem LS	B
459. Ipomea stem TS	B	505. Ruscus stem TS	B
460. Jussiaea stem TS	B	506. Smilax stem TS	B
461. Leptadenia stem TS	B	507. Triticum (wheat) stem TS	B
462. Euphorbia stem TS	B	Monocotyledon Root	
463. Bignonia stem TS	B	508. Maize root TS	B
464. Leucas stem TS	B	509. Maize root LS	B
465. Mirabilis stem TS	B	510. Maize root TS & LS on same slide	B
466. Moringa stem TS	B	511. Orchid root showing velamen TS	B
467. Muhlenbeckia cladode TS	B	512. Root with root hairs WM	B
468. Nyctanthus stem TS	B	513. Root with root cap LS	B
469. Nymphaea stem TS	B	514. Asparagus root TS	B
470. Pepromia stem TS	B	Dicotyledon Leaves	
471. Piper stem TS	B	515. Bryophyllum leaf TS	B
472. Portulaca stem TS	B	516. Drosera leaf WM	B
473. Ricinus (castor) stem TS	B	517. Dicot leaf typical TS	B
474. Ranuncullus stem TS	B	518. Dionaea leaf TS to show glands	B
475. Salvadoria stem TS	B	519. Ficus leaf TS	B
476. Tinospora stem TS	B	520. Helianthus leaf TS	B
477. Trapa stem TS	B	521. Cucurbita leaf TS	B
478. Tillia stem TS	B	522. Nyphaea leaf TS	B
479. Vinca rosea stem TS	B	523. Leaf skeleton WM	B
480. Vitis stem TS	B	524. Mesophytic leaf TS	B
481. Xanthium stem TS	B	525. Xerophytic leaf TS	B
Dicotyledon Root		526. Hydrophytic leaf TS	B
482. Avicenia pneumatophore TS	B	528. Nepenthes pitcher TS	B
483. Boerhevia roots TS	B	529. Pepromia leaf TS	B
484. Beet root TS	B	530. Stem apex LS origin of leaves	B
485. Brassica root TS	B	531. Utricularia WM	B
486. Cucurbita root TS	B	Monocotyledon leaves	
487. Cuscuta haustoria VS	B	532. Allium leaf TS	B
488. Dicot root primary TS	B	533. Dracaena leaf TS	B
489. Dicot TS commencement of sec. growth	B	534. Hydrilla leaf TS	B
490. Dicot root old TS	B	535. Orchid leaf TS	B
491. Dicot root TS origin or lateral roots	B	536. Maize leaf TS	B
492. Ficus aerial roots TS	B	537. Eichornia leaf TS	B
493. Helianthus root TS/LS	B	538. Monocot typical leaf TS	B
494. Legume root with nodules TS	B	539. Trapa leaf TS	B
495. Nymphaea root TS	B	540. Triticum (wheat) leaf TS	B
496. Pananus aerial root TS	B	541. Vallisneria leaf TS	B
497. Ranunculus root TS	B	542. Rhizophora leaf TS	B
498. Tinospora aerial root TS	B		



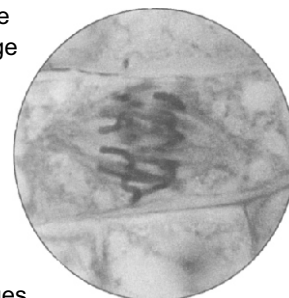
Dicot leaf



Monocot leaf

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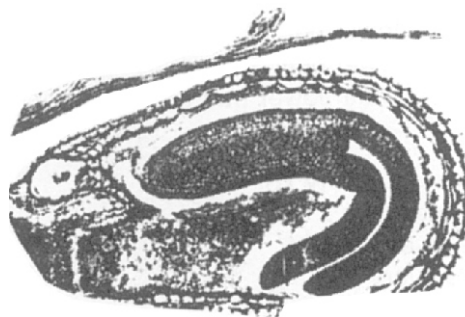
BBS	Price Rs.	BBS	Price Rs.
<u>Comparative Study Slides</u>			
543. Dicot and Monocot stem on the same slide	C	581. Helianthus ovary TS	B
544. Herbaceous and Woody stem TS on same slide	C	582. Hibiscus ovary TS	B
545. Primary and Secondary stem TS on same slide	C	583. Nelumbium ovary TS	B
546. Monocot and Dicot root TS on same slide	C	584. Solanum ovary TS	B
547. Dicot and Monocot leaf on the same slide	C	<u>Type of Ovules</u>	
548. Dicot stem TS and LS on the same slide	C	585. Amphitropous	B
549. Monocot stem TS and LS on the same slide	C	586. Anatropous	B
550. Primary and Secondary root on same slide	C	587. Campylotropous	B
<u>Vascular Bundles Type</u>			
551. Radial	C	588. Orthotropous	B
552. Conjoint Collateral open	C	589. Circinotropous	B
553. Conjoint Collateral closed	C	<u>Placentation</u>	
554. Conjoint bicollateral	C	590. Axile placentation	B
555. Concentric Amphivasal	C	591. Basal placentation	B
556. Concentric Aphicribal	C	592. Free central placentation	B
<u>Floral Morphology</u>			
557. Anona flower bud LS/TS	C	593. Marginal placentation	B
558. Anther WM/TS	C	594. Parietal placentation	B
559. Citrus flower bud LS/TS	C	595. Superficial placentation	B
560. Epigynous flower LS	C	<u>Inflorescences</u>	
561. Hypogynous flower LS	C	596. Raceme VS	C
562. Perigynous flower LS	C	597. Spike LS	C
563. Nelumbium flower bud LS	B	598. Ficus hypenthodium	C
564. Nymphaea flower bud TS	B	599. Sun flower capitulum	C
565. Pollen grains different types	B	600. Cyathium inflorescence	C
566. Pollen grains germinating	C	601. Verticillaster inflorescence	C
567. Pollinia of Calotropis	C	602. Anona inflorescence	C
568. Rose bud LS	B	<u>Craft Meiosis cell Division</u>	
569. Typical flower bud LS	B	In plant material with extremely large and distinct chromosomes a set of 12 slides	12C
570. Typical flower bud TS	B	603. Microspore mother cell preparing for division	C
571. Tradescantia flower bud LS	B	604. Leptotene stage	C
<u>Ovary</u>			
572. Argemone ovary TS	B	605. Zygotene stage	C
573. Brassica ovary TS	B	606. Pachytene stage	C
574. Cassia ovary TS	B	607. Diplotene stage	C
575. Citrus ovary TS	B	608. Diakinesis stage	C
576. Coriandrum ovary TS	B	609. Metaphase I	C
577. Cucurbita ovary TS	B	610. Anaphase/ Telophase I	C
578. Calotropis ovary TS	B	611. Metaphase II	C
579. Datura ovary TS	B	612. Anaphase/ Telophase II	C
580. Guava ovary TS	B	613. Meiosis I all significant stages in one slide	C



Onion Mitosis

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BBS	Price Rs.	BBS	Price Rs.
614. Meiosis II all significant stage in one slide	C	638. LS ovule showing megagametogenesis	D
Mitosis Cell Division - Set of 5 Slides		639. LS grain showing caryopsis, endosperm and embryo	D
615. Metabolic nucleus stage	C	Sunflower Embryology -A set of 5 slides	5D
616. Prophase stage	C	640. Pollen grain WM	D
617. Metaphase stage	C	641. Germinating Pollen grains	D
618. Anaphase stage	C	642. Male gametophyte	D
619. Telophase stage	C	643. Female gametophyte	D
Mitosis Cell Division - Onion root tip smear full set of five slides	5C	644. Ovary LS	D
Special Cytological Events		Anther Development -A set of 5 slides	
620. Chromatin bridge	D	645. TS young anther showing mass of parenchymatous cells	C
621. Laggard formation	D	646. TS young anther showing differentiation of archesporial cells	D
622. Ring formation	D	647. TS anther showing different wall layers and sporogenous tissue	D
623. Giant Chromosome	D	648. TS anther showing microspore tetrads	D
624. Chiasma formation	D	649. TS mature anther with pollen grains	D
625. Multivalent formation	D	Capsella Embryology -A set of 9 slides	9D
626. Sticky chromosomes formation	D	650. One celled stage LS	D
627. Precoceous separation of chromosomes	D	651. Two celled stage LS	D
628. Unequal distribution of Chromosomes	D	652. Quadrant stage LS	D
629. Polyad formation	D	653. Octant stage LS	D
Embryological Slides		654. Globular or Heart Shaped Embryo	D
Dicotyledonous Embryology -A set of following 5 slides	5D	655. Differentiation of cotyledons	D
630. TS anther showing microsporogenesis	D	656. Precotyledon	D
631. TS mature anther with pollen grains	D	657. Bending of cotyledons	D
632. LS ovule showing megasporogenesis	D	658. Mature Embryo LS	D
633. LS ovule showing globular/heart-shaped embryo	D		
634. LS seed showing seed coat, embryo and endosperm	D		
Monocotyledonous Embryology -A set of 5	5D		
635. TS anther showing microsporogenesis	D		
636. TS mature anther with pollen grains	D		
637. LS ovule showing megasporogenesis	D		



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