

2020
 ZOOLOGY Sem 5 (200 M)
 Practical
 Paper E-502
 Full mark-100
 Time: Five hours

1. Draw the diagram of bacteria present in cured and write its characters. $2+4=6$

କିଛି ଜୀବମାନଙ୍କୁ ଚିକିତ୍ସା କରିବା ପାଇଁ ବ୍ୟବହାର କରାଯାଏ ଏବଂ ଏହାକୁ କିଛି ନିୟମାବଳୀ ମଧ୍ୟ ମାନିବାକୁ ପଡ଼ିଥାଏ ।

2. Write the principle and procedure of preparation of temporary slide from the onion root tip. $2+4=6$

ଅଣୁଜୀବୀ ସ୍ଲାଇଡ୍ ପ୍ରସ୍ତୁତ କରିବା ପାଇଁ ଏହା ଏକ ସାଧାରଣ ପଦ୍ଧତି ଅଟେ । ଏହାକୁ ପଢ଼ିବା ପାଇଁ ଏହାକୁ ଠିକ୍ ଭାବରେ ପ୍ରସ୍ତୁତ କରିବାକୁ ପଡ଼ିଥାଏ ।

3. Write the staining techniques of nucleus and nucleolus. $4+4=8$

କୋଷକେନ୍ଦ୍ର ଏବଂ ଅନ୍ତର୍ଦେଶ୍ୟକ କୋଷକେନ୍ଦ୍ରକୁ ଠିକ୍ ଭାବରେ ଚିତ୍ରଣ କରିବା ପାଇଁ ଏହା ଏକ ସାଧାରଣ ପଦ୍ଧତି ଅଟେ ।

4. Identify and write important characters of the following permanent slides. $3 \times 7 = 21$

A B C D E F G

କିଛି କିଛି ସ୍ଥାୟୀ ସ୍ଲାଇଡ୍ ଉପରେ ଲିଖିତ ଚିହ୍ନାଙ୍କ ଏବଂ ଏହାକୁ ଠିକ୍ ଭାବରେ ଚିତ୍ରଣ କରିବାକୁ ପଡ଼ିଥାଏ ।

5. Identify and write characters of the following permanent slides of embryonic stages. $3 \times 8 = 24$

H I J K L M N O

କିଛି କିଛି ସ୍ଥାୟୀ ସ୍ଲାଇଡ୍ ଉପରେ ଲିଖିତ ଚିହ୍ନାଙ୍କ ଏବଂ ଏହାକୁ ଠିକ୍ ଭାବରେ ଚିତ୍ରଣ କରିବାକୁ ପଡ଼ିଥାଏ ।

6. Practical note Book 5

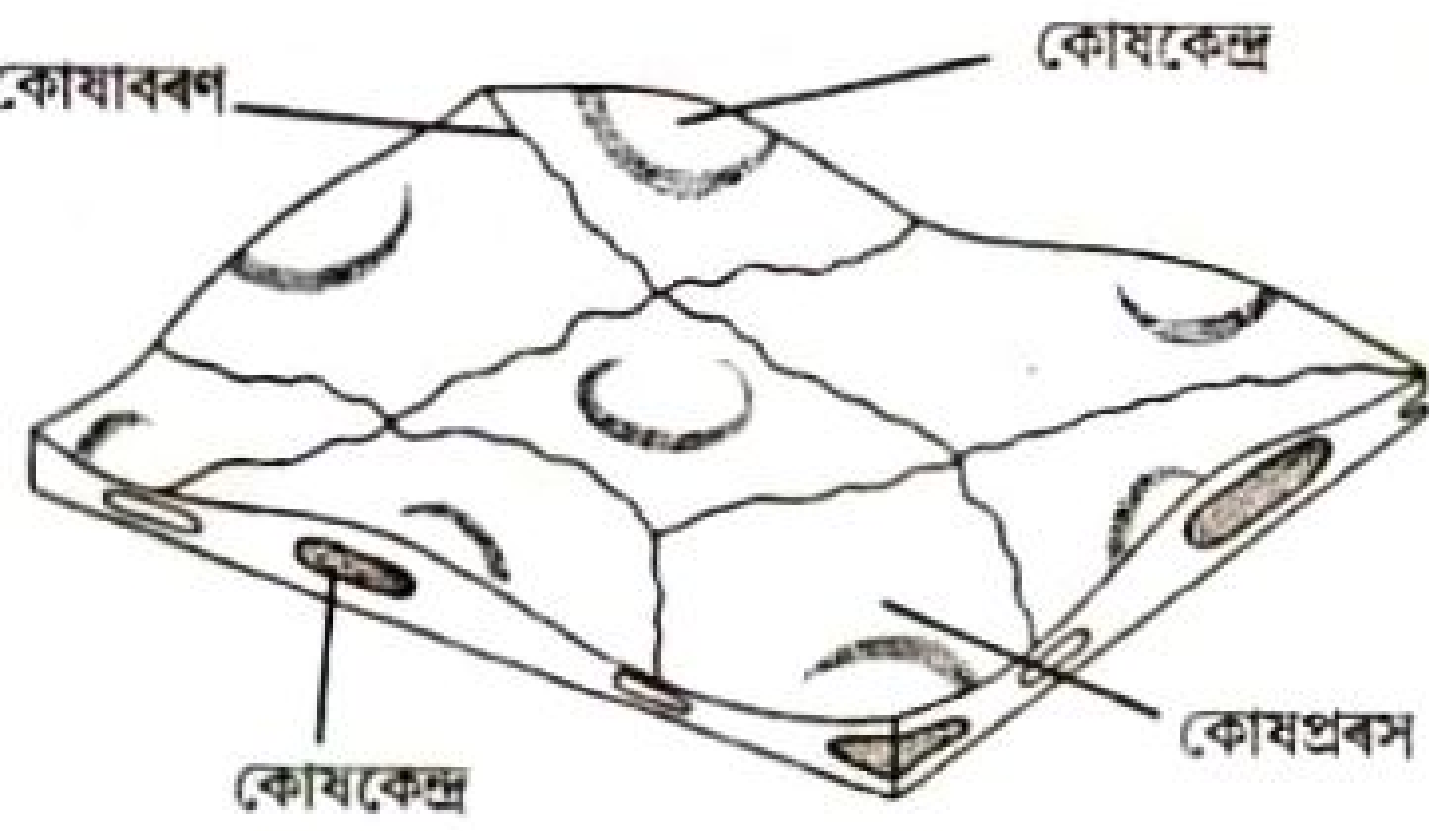
ବ୍ୟବହାରିକ ନୋଟ୍ ବୁକ୍ ।

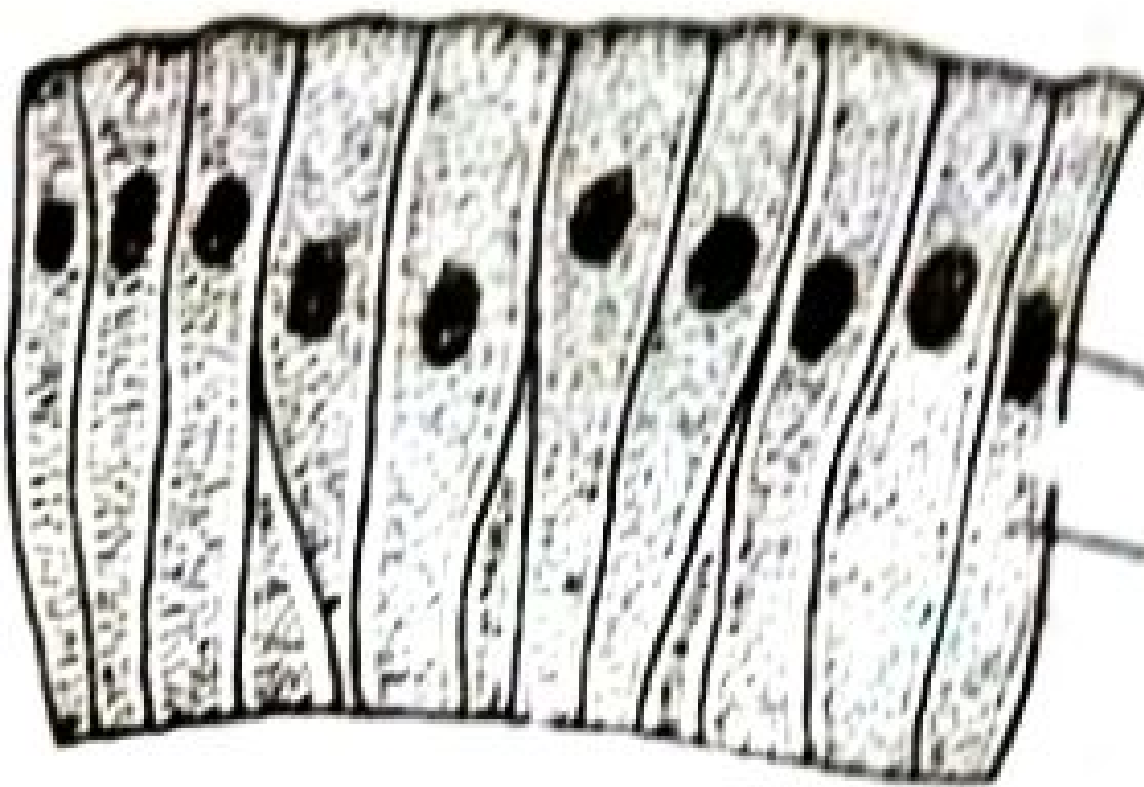
7. Viva-Voce

ଉପସ୍ଥାପନା ପ୍ରଶ୍ନ

10

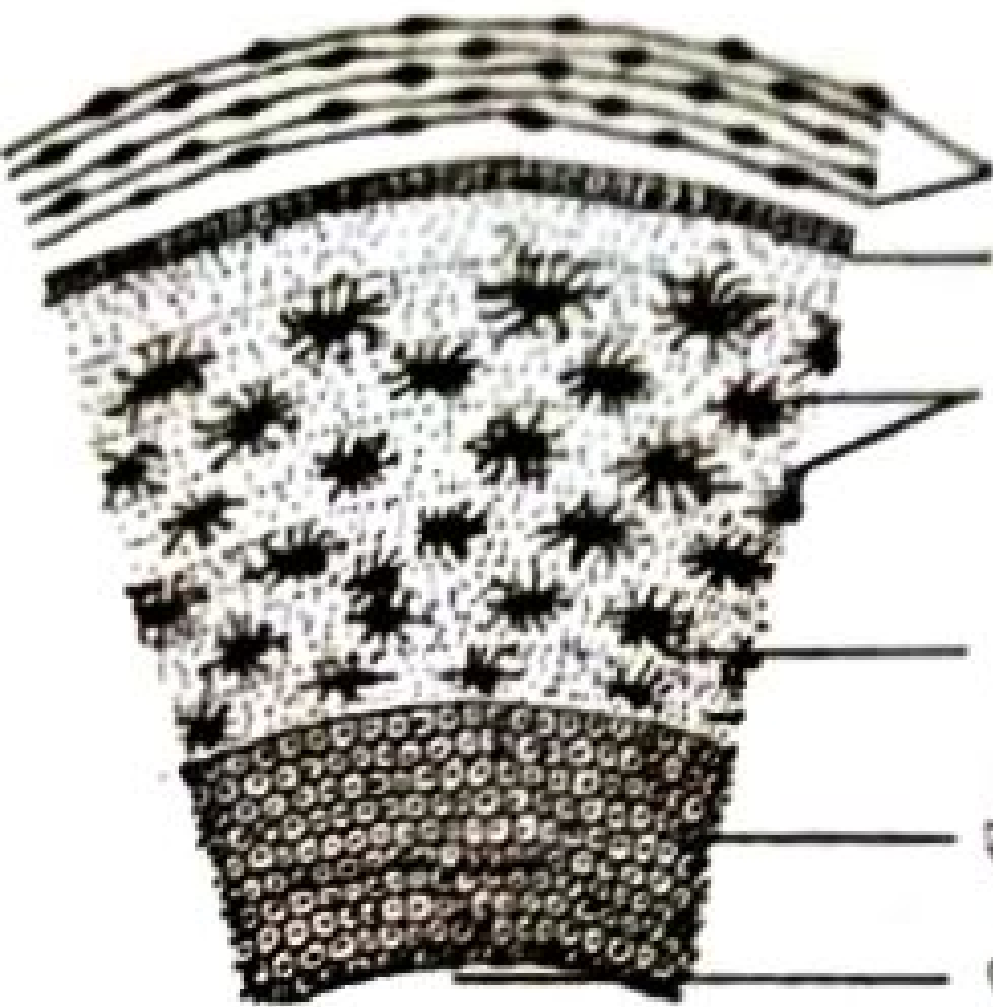
8. Internal Assessment. 20



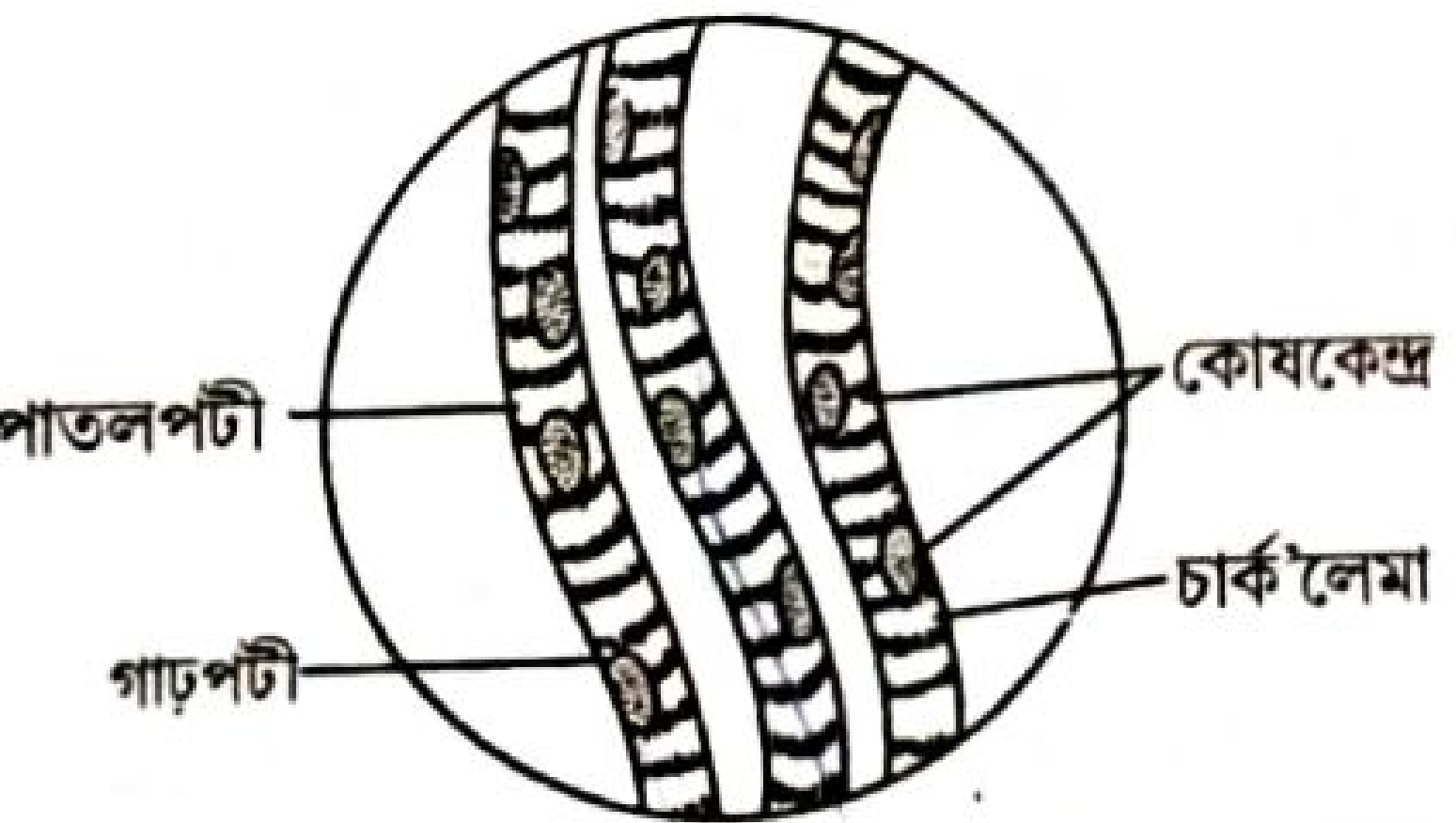


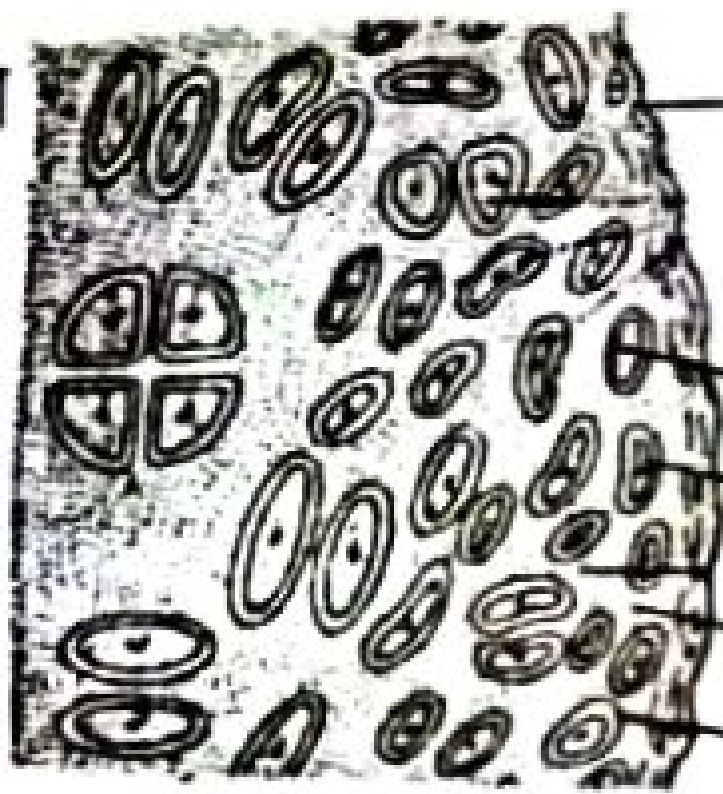
कोशिकाएँ

वृद्धि तंतु



পেয়িঅষ্টিয়ান
বহিঃ অষ্টিঅ'দ্রাষ্ট
অস্থিকোষ
কেনালিকুলি
অন্তঃ অষ্টিঅ'দ্রাষ্ট
অস্থিমজ্জা





পৰিউপাস্থি বা পেৰিকম্ব্ৰিয়াম
বিভাজন অৱস্থাত

উপাস্থি কোষ

কোষকেন্দ্ৰ

বিত্তাশয়ৰ ভিতৰত

উপাস্থি কোষ

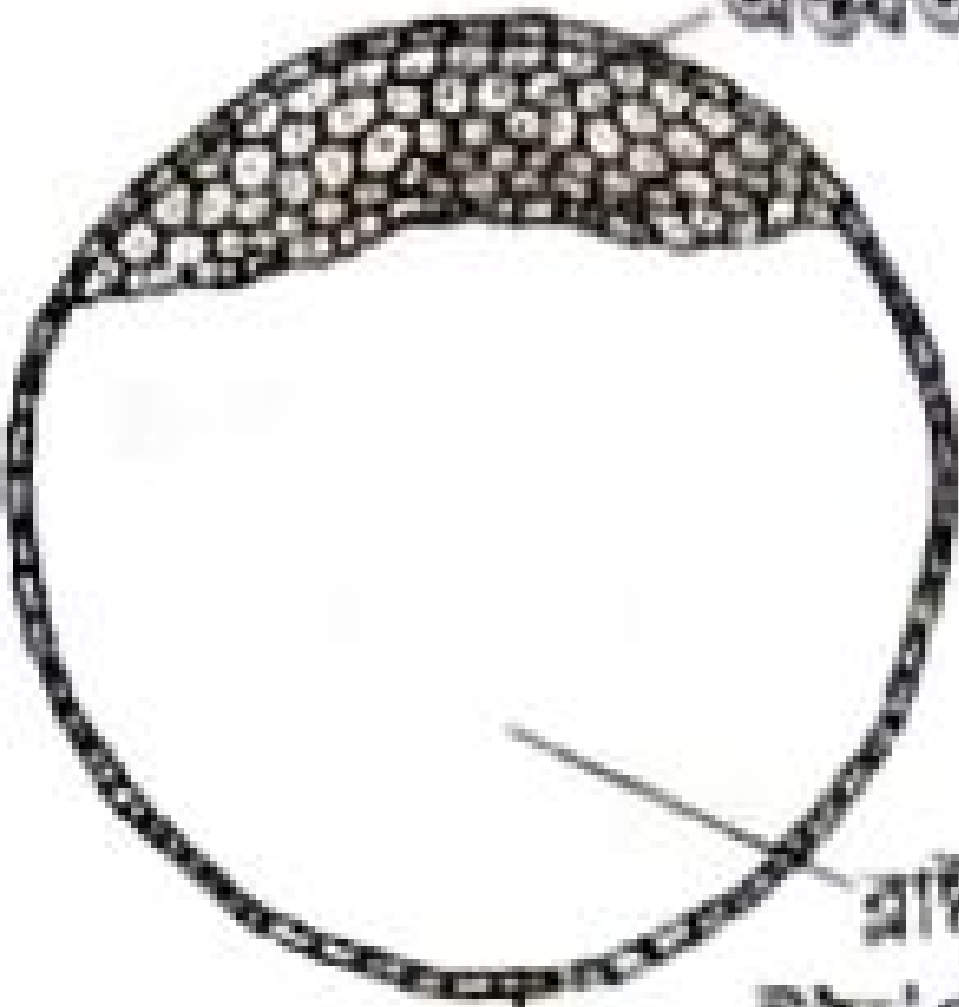
আধাৰ দ্ৰব্য

বিত্তাশয়





অসুস্থতা কোষ সমষ্টি



ব্রাউন স্ট্রিং

ট'ফ'এস্ট'ডার্ম

