

জীববিজ্ঞান: ১ম পত্র

সুজননীল প্রশ্ন

বিষয় কোড :

১ ২ ৩

সময়-২ ঘণ্টা ৩০ মিনিট

(প্রশ্নমালা: ১০০ পদের মধ্যে ৮০টির প্রশ্নের সুবিধার আশ্রয়।) প্রশ্নের উত্তর শুধুমাত্র চিত্র দ্বারা এবং সত্যিই-ভুল প্রশ্নের বস্তুনিষ্ঠ উত্তর দিতে হবে। (১০ ক্রমের ৫ টি প্রশ্নের উত্তর দিতে হবে।)

- ১ ▶ আনিকোমী থেকে বহুকোমী জীবের শুরুর থেকে সকল পর্যায়ে বিভিন্ন ধরনের কোষ বিভাজন দেখা যায়। A টাইপের কোষ বিভাজন দেখের আকার বৃদ্ধি করে এবং B টাইপের কোষ বিভাজনে জনন কোষ তৈরি করে।

- ক. মিয়োসিস কোষ বিভাজন কী? ১
খ. মাইটোসিস কোষ বিভাজনের ২টি পুরুত্ব লিখ। ২
গ. উকীপকে উল্লেখিত দেহের আকার বৃদ্ধির জন্য দায়ী কোষ বিভাজনের তিনটি ধাপ ব্যাখ্যা কর। ৩
ঘ. A টাইপের কোষ বিভাজন বাতীত জীবের বৃদ্ধি অসম্ভব বিশ্লেষণ কর। ৪

- ২ ▶ জীববিজ্ঞান শিক্ষক মি. রফিক দুটি পলিস্যাকারাইড নিয়ে আলোচনা করছিলেন। এদের মধ্যে একটি আমরা প্রতিদিন খাদ্য হিসেবে গ্রহণ করি। দ্বিতীয়টি গৃহপালিত পশু দ্বারা গৃহীত হয়।

- ক. লিপিড কী? ১
খ. রিডিউসিং সুগার অর্থ কী? ২
গ. মি. রফিকের আলোচনাকৃত প্রথম যৌগটির গঠন ব্যাখ্যা কর। ৩
ঘ. প্রত্যাখিক জীবনে দ্বিতীয় যৌগটির গুরুত্ব মূল্যায়ন কর। ৪



- ক. ইনটাইন কী? ১
খ. ইমালুলেশন সম্পর্কে ব্যাখ্যা দাও। ২
গ. নিষেকের পূর্বে P অংশ কীভাবে গঠিত হয়? ৩
ঘ. প্রদত্ত চিত্রের অন্যান্য অংশ থেকে O বেনি ব্রুতপূর্ণ - উক্তিটি বিশ্লেষণ কর। ৪



- ক. লেটিসেল কী? ১
খ. জিম্বনোম্পার্থ এ ফল হয় না কেন? ২
গ. P এর কার্যক্রম O দ্বারা নিয়ন্ত্রিত হয় - ব্যাখ্যা কর। ৩
ঘ. উভিদের খাদ্য তৈরিতে P এর গুরুত্ব মূল্যায়ন কর। ৪



- ক. এপিগ্রেমা কী? ১
খ. বাইকোল্যাকটেরাল ডাঙ্কলার বাউল ব্যাখ্যা কর। ২
গ. X ও Y অঙ্কলের তিনটি অভ্যন্তরীণ পার্বক্য উল্লেখ কর। ৩
ঘ. পরিবেশের পরিবর্তনের সাথে সাথে চিহ্নিত C, P এবং Q অঙ্কল কীভাবে নিজেদেরকে পরিবর্তিত করে। ৪



- ক. ফটোসিন্থেসিসের ইলেকশন কী? ১
খ. শ্বসনের সমীকরণটি ব্যাখ্যা কর। ২
গ. উকীপকের শারীরবৃত্তীয় প্রক্রিয়াটি সম্পর্কে Y কীভাবে Z কে সাহায্য করে - বর্ণনা কর। ৩
ঘ. উক্ত শারীরবৃত্তীয় প্রক্রিয়ায় নির্দেশিত বাহ্যিক প্রভাবকগুলোর ভূমিকা লিখ। ৪

- ৩ ▶ কৃষিবিজ্ঞানী দুটি বিপরীত বৈশিষ্ট্যে ডাই-হাইব্রিড ক্রসে F₂ এ গোলাকার হলুদ মণ্ডের বীজ পায় এবং এদের জিনোটাইপ RrYy প্রচ্ছন্ন জীন r এবং y কৃষ্ণতা করে সবুজ বীজের জন্য দায়ী, বরং এ সময় এরা হোমোজাইগাস অবস্থায় থাকে।

- ক. অ্যালিলের সংজ্ঞা দাও। ১
খ. law of segregation এ ফিনোটাইপ ও জিনোটাইপের অনুপাত এক থাকে না কেন ব্যাখ্যা কর। ২
গ. উকীপকে থেকে এক জোড়া জিন নিয়ে মেডেলের ফিনোটাইপিক অনুপাত দেখাও। ৩
ঘ. উকীপকের আলোকে দুটি প্রচ্ছন্ন জীন কীভাবে হোমোজাইগাস অবস্থানে আসে বর্ণনা কর। ৪



- ক. খাদ্য জাল কী? ১
খ. food weav বলতে কী বোঝ? ২
গ. চিত্র-M বর্ণনা কর। ৩
ঘ. উকীপকের চিত্রে B এর সংখ্যা বেড়ে গেলে ইকোসিস্টেমের কী অবস্থা হবে? ৪

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RD Boyd



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Table of Contents Hsc Biology 1st Paper Model Question

1. Understanding the eBook Hsc Biology 1st Paper Model Question
 - The Rise of Digital Reading Hsc Biology 1st Paper Model Question
 - Advantages of eBooks Over Traditional Books
2. Identifying Hsc Biology 1st Paper Model Question
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Hsc Biology 1st Paper Model Question
 - User-Friendly Interface
4. Exploring eBook Recommendations from Hsc Biology 1st Paper Model Question
 - Personalized Recommendations
 - Hsc Biology 1st Paper Model Question User Reviews and Ratings
 - Hsc Biology 1st Paper Model Question and Bestseller Lists
5. Accessing Hsc Biology 1st Paper Model Question Free and Paid eBooks
 - Hsc Biology 1st Paper Model Question Public Domain eBooks
 - Hsc Biology 1st Paper Model Question eBook Subscription Services
 - Hsc Biology 1st Paper Model Question Budget-Friendly Options
6. Navigating Hsc Biology 1st Paper Model Question eBook Formats

- ePub, PDF, MOBI, and More
- Hsc Biology 1st Paper Model Question Compatibility with Devices
- Hsc Biology 1st Paper Model Question Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Hsc Biology 1st Paper Model Question
 - Highlighting and Note-Taking Hsc Biology 1st Paper Model Question
 - Interactive Elements Hsc Biology 1st Paper Model Question
- 8. Staying Engaged with Hsc Biology 1st Paper Model Question
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Hsc Biology 1st Paper Model Question
- 9. Balancing eBooks and Physical Books Hsc Biology 1st Paper Model Question
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Hsc Biology 1st Paper Model Question
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Hsc Biology 1st Paper Model Question
 - Setting Reading Goals Hsc Biology 1st Paper Model Question
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Hsc Biology 1st Paper Model Question
 - Fact-Checking eBook Content of Hsc Biology 1st Paper Model Question
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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