

জেএসসি পরীক্ষা ২০১৪ এর মডেল প্রশ্ন

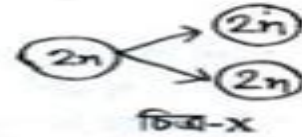
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সময় : ২ ঘণ্টা ১০ মিনিট

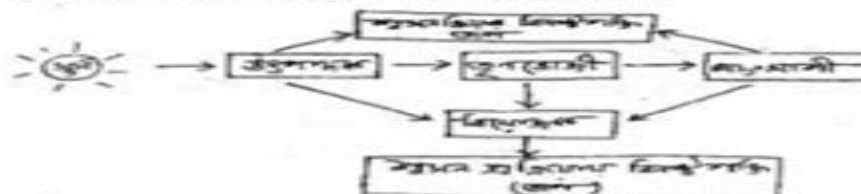
পূর্ণমান—৬০

(যে কোন ছয়টি প্রশ্নের উত্তর দিতে হবে।)

১।



- ক) সেন্ট্রোমিয়ার কী? ১
- খ) ক্রোমোজোমকে বংশগতির ভৌত ভিত্তি বলা হয় কেন? ২
- গ) উদ্ভীপকের চিত্র y এর কোষ বিভাজনটি ব্যাখ্যা কর। ৩
- ঘ) প্রাণীর জীবনে চিত্র x এবং চিত্র y এর গুরুত্ব বিশ্লেষণ কর। ৪
- ২। ঈদের দিন, বাসায় সেমাই রান্না হচ্ছে। সুমন তার মার পাশে দাঁড়িয়ে আছে। মা তাকে কিছু কিসমিস দিতে বলল। সে দেখল কিসমিসগুলো সেমাইয়ের দুধে ছাড়ার পর ফুলে ফুলে উঠছে।
- ক) প্রস্বেদন কাকে বলে? ১
- খ) পরিবহণ টিস্যু বলতে কী বুঝায়? ২
- গ) উদ্ভীপকের কিসমিসগুলো ফুলে যাওয়ার কারণ ব্যাখ্যা কর। ৩
- ঘ) উদ্ভিদ জীবনে উদ্ভীপকের বিশেষ প্রক্রিয়াটির গুরুত্ব বিশ্লেষণ কর। ৪
- ৩। সকল জীবই অনুভূতিপ্রবণ এবং উদ্ভীপনায় সাড়া দেয়। উপযুক্ত প্রতিবেদন সৃষ্টি করে। নিউরণ প্রাণীর এক বিশেষ ধরনের দেহকোষ যা অনুভূতি সৃষ্টিতে ভূমিকা রাখে।
- ক) ফাইটোহরমোন কী? ১
- খ) ট্রপিক চলন বলতে কী বুঝ? ২
- গ) উদ্ভীপকের বিশেষ দেহকোষটির গঠন বর্ণনা কর। ৩
- ঘ) উদ্ভীপকের প্রথমোক্ত উক্তিটি বিশ্লেষণ কর। ৪
- ৪। নিচের উদ্ভীপকটি লক্ষ কর এবং প্রশ্নগুলোর উত্তর দাও :



- ক) ফাইটোপ্রাক্টিন কী? ১
- খ) খাদ্য শৃঙ্খল বলতে কী বুঝায়? ২
- গ) উদ্ভীপকের প্রবাহচিত্রটি দ্বারা ব্যাখ্যা কর বস্তুতন্ত্রে শক্তিপ্রবাহ একমুখী। ৩
- ঘ) একটি নির্দিষ্ট এলাকায় উদ্ভীপকের তন্ত্রটি প্রাকৃতিকভাবে নিয়ন্ত্রিত বিশ্লেষণ কর। ৪

বাকী পৃষ্ঠাগুলি নিচের লিঙ্কে ক্লিক করে ডাউনলোড করে পড়ুন।

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