

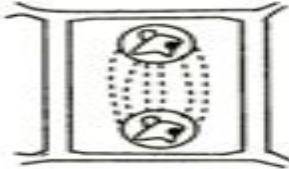
সময়—৩ ঘণ্টা
পূর্ণমান—(৬০ + ৪০)=১০০
সৃজনশীল প্রশ্ন
মান—৬০

[প্রটো—ডান পাশের সংখ্যা প্রশ্নের পূর্ণমান জ্ঞাপক। প্রদত্ত উদ্দীপকগুলো মনোযোগসহকারে পড় এবং সংশ্লিষ্ট প্রশ্নগুলোর উত্তর দাও।
যে কোনো ছয়টি প্রশ্নের উত্তর দিতে হবে।]

১।



ধাপ-A



ধাপ-B

- (ক) জীন কী? ১
(খ) মিয়োসিসকে ক্রাসমুলক বিভাজন বলা হয় কেন? বুঝিয়ে লেখ। ২
(গ) উদ্দীপকের B ধাপটিতে কী ধরনের পরিবর্তন ঘটে—ব্যাখ্যা কর। ৬
(ঘ) উদ্দীপকে উল্লিখিত প্রক্রিয়াটি সঠিকভাবে না ঘটলে জীবে কী সমস্যা হতে পারে—বিশ্লেষণ কর। ৪

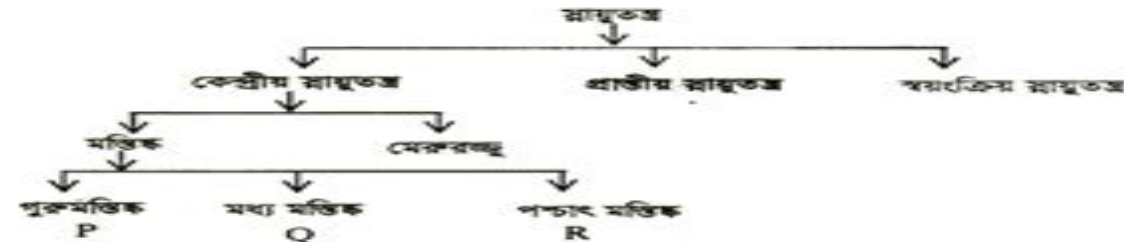
২। জুন থেকে বাসায় ফিরে আবার লক্ষ্য করলো বাসার টবে থাকা গাছগুলো সব নেতিয়ে পড়েছে। বিকেল বেলা সে গাছগুলোতে পানি দিল। পরদিন সকালে দেখল টবের গাছগুলো সতেজতা ফিরে পেয়েছে।

- (ক) ইমবাইবিশন কী? ১
(খ) ব্যাপন ও অভিস্রবণের মধ্যে দুটি পার্থক্য লিখ। ২
(গ) টবে থাকা গাছগুলো নেতিয়ে পড়ার কারণ ব্যাখ্যা কর। ৬
(ঘ) পরবর্তীতে গাছগুলো কিভাবে সতেজতা ফিরে পেল—বিশ্লেষণ কর। ৪

৩। রহিমা বেগম পান খাওয়ার জন্য একটি পাত্রে চুন ভিজিয়ে রাখলেন। পাত্র থেকে চুন নেওয়ার সময় লক্ষ্য করলেন, পাত্রটি অনেক গরম এবং পাত্রে তার নিঃশ্বাস পড়ায় পানি খানিকটা ছোলা হয়ে যায়।

- (ক) এসিড কী? ১
(খ) নির্দেশক বলতে কি বুঝায়? ২
(গ) উদ্দীপকে উল্লিখিত পাত্রে ভিজানো যৌগটির বিভিন্ন ক্ষেত্রে ব্যবহার ব্যাখ্যা কর। ৬
(ঘ) উদ্দীপকে প্রথম উৎপন্ন যৌগটি ক্ষার ও ক্ষারক উভয় ধর্ম প্রদর্শন করে—যুক্তিসহ বিশ্লেষণ কর। ৪

৪।



- (ক) নিউরন কি? ১
(খ) মেরুঝু বলতে কি বুঝায়? ব্যাখ্যা কর। ২
(গ) চিত্রে R চিহ্নিত অংশের গঠন বর্ণনা কর। ৬
(ঘ) জ্ঞান, বুদ্ধি, বিবেক ও পেশি চালনার কার্যকলাপ নিয়ন্ত্রণ করাই 'P' চিহ্নিত অংশটির কাজ—উক্তিটি বিশ্লেষণ কর। ৪

[পর পৃষ্ঠা প্রটো]

বাকী পৃষ্ঠাগুলি নিচের লিঙ্কে ক্লিক করে ডাউনলোড করে পড়ুন।

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web compressor capacity is volume of compressed air flow upon a particular given time and is expressed in m³ hour or l min
various compressor types vary in capacity to specify particular application of compressor equipment amount of inlet air
consumed upon a particular given time prior to compression is also considered a unit capacity

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clearance viz 2 2 5 1 and 7 9 of rotor blade height at the exit at three flow