

৪। 'হৃদয়ে মাটি ও মানুষ' নামক কৃষি বিষয়ক অনুষ্ঠানে জিয়ান চীনের উন্নত কৃষি ব্যবস্থা স্বচক্ষে দেখতে পান। তার বাবা বলেন, চীনা প্রযুক্তি শেখা ও আমাদের মাঠ পর্যায়ে প্রয়োগ করা জরুরী। জিয়ানের মা বলেন, স্বাধীন বাংলাদেশে কৃষির যথেষ্ট উন্নতি হয়েছে।

- ক) বৃটিশ সরকার বাংলার কোথায় কৃষি ইন্সটিটিউট স্থাপন করেন? ১
খ) ভারতকে বৈচিত্র্যময় দেশ বলা হয় কেন? ২
গ) উদ্দীপকের উল্লেখিত প্রযুক্তিটি ব্যাখ্যা কর। ৩
ঘ) জিয়ানের মার উক্তিটির স্বপক্ষে তোমার মতামত ব্যক্ত কর। ৪

৫। জারিফ সাহেব এর আগে কখনো গম চাষ করেননি। তাই একজন কৃষিবিদ-এর সাথে পরামর্শ করে গম চাষের সঠিক পদ্ধতি জেনে নেন। এরপর তিনি ৩ হেক্টর জমিতে সেচ ছাড়া গম চাষ শুরু করেন।

- ক) শর্করার প্রধান উৎস কী? ১
খ) বিলস চাষে গম আবাদ করা হয় কেন? ২
গ) উদ্দীপকের ব্যক্তিটির জমিতে সারের পরিমাণ নির্ণয় কর। ৩
ঘ) গম চাষে উক্ত ব্যক্তির ভালো ফলন পাওয়ার সম্ভাবনা বিশ্লেষণ কর। ৪

৬। নিম্নে একটি সড়কের চিত্র দেয়া হল :-



- ক) সামাজিক বনায়ন কাকে বলে? ১
খ) কৃষি বনায়ন কীভাবে আমাদের পরিবেশকে প্রভাবিত করে? ২
গ) চিত্রের একপাশে বৃক্ষরোপণ কৌশলসহ নকশা অংকন কর। ৩
ঘ) আবাদী জমির পরিমাণ কমে যাওয়ার প্রেক্ষিতে উক্ত ধরনের বনায়ন কর্মসূচির গুরুত্ব বিশ্লেষণ কর। ৪

৭। জোবায়ের সাহেবের বাড়ি উত্তর-পূর্বাঞ্চলে। তাদের এলাকায় প্রচণ্ড রোদ ও অনাবৃষ্টি দেখা দেয়। ফলে তাদের ক্ষেতের ফসল পুড়ে যায় ও গবাদিপশুর খাদ্যের অভাব দেখা দেয়। এর কিছু দিন পর পাহাড়ি ঢলে ডুবে যায় বোরো ধান। ধীরে ধীরে ডুবে যায় বাড়িঘর। ঘোলা পানির স্রোত রাস্তাঘাট কর্দমাক্ত হয়।

- ক) বাংলাদেশে ক্রমশঃ সময়ে বেশি বৃষ্টিপাত হয়? ১
খ) বিরূপ আবহাওয়ার কুফল ব্যাখ্যা কর। ২
গ) প্রথম দুর্যোগটিতে জোবায়ের সাহেবের করণীয় কী? বর্ণনা কর। ৩

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