Question: If a regular dose of drug or alcohol is not provided to an addicted person, he shows some withdrawal symptoms. List any four such withdrawal symptoms.

Answer: such four withdrawal symptoms are anxiety, shakiness, nausea and sweating.

Question: Many secondary metabolites of plants have medicinal properties. It is their misuse that creates problems. Justify the statement with an example.

Answer: Morphine is an example of a plant metabolite that is a potent analgesic. However, many individuals abuse morphine for intoxication. Likewise, codeine is derived from opium plants. The cough suppressant codeine is used in cough syrups and is highly effective. However, many individuals consume the entire bottle of cough syrup to become inebriated. A person who abuses drugs becomes hallucinatory and, as a result, useless to both society and himself. In extreme circumstances, drug addicts would commit tiny crimes in order to obtain funds for their daily fix. Therefore, substance misuse is both a behavioural and a social problem.

Question: Why cannabinoids are banned in sports and games?

Answer: Cannabinoids are restricted due to the following reasons: They harm athletes' health, boost performance, and violate the sport's essence. Relaxing, reducing discomfort, sickness, and anxiety increases an athlete's endurance.

Question: What is secondary metabolism?

Answer: Non-essential chemicals are created by organisms. However, they can be vital ecologically or otherwise. Secondary metabolites are the end products of primary metabolites since they engage the same mechanisms.

Examples: medicines, poisons, pheromones, enzyme inhibitors. Novel secondary metabolites come from Streptomyces's and actinomycetes.

Question: From which plant cannabinoids are obtained? Name any two cannabinoids. Which part of the body is affected by consuming these substances?

Answer: Cannabinoids come from Cannabis sativa flowers. Cannabinoids include marijuana, hashish, ganja. These substances interact with brain cannabinoid receptors. These drugs harm the heart.