

Lakshya NEET (2025)

Zoology

DPP: 8

Human Health and Diseases

Q1 Opium is obtained from

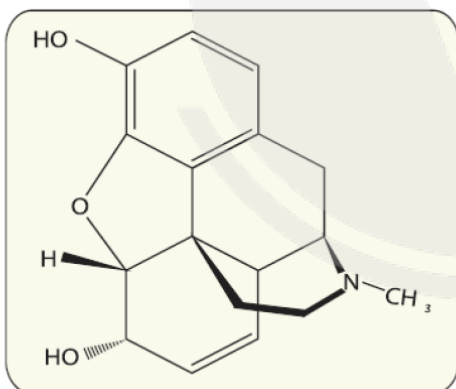
- (A) *Oryza sativa*
- (B) *Coffea arabica*
- (C) *Thespesia populnea*
- (D) *Papaver somniferum*

Q2 Smack is a drug obtained from the

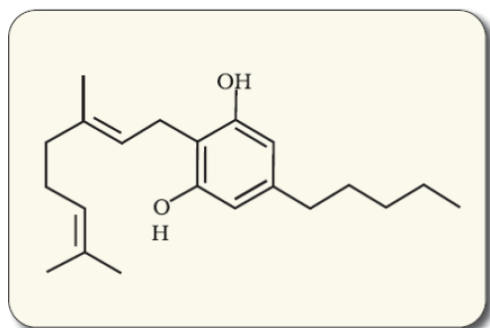
- (A) Latex of *Papaver somniferum*
- (B) Leaves of *Cannabis sativa*
- (C) Flowers of *Datura wrightii*
- (D) Fruits of *Erythroxylum coca*

Q3 The given below figures show

(A)



(B)



(A) **A**-Cannabinoid, **B**- Morphine

(B) **A**-Morphine, **B**- Cannabinoid

(C) **A**-Morphine, **B**- Quinine

(D) **A**- Quinine, **B**-Cannabinoid

Q4 The flower tops, leaves and resin of *Cannabis sativa* produce

- (A) Marijuana
- (B) Hashish
- (C) Charas
- (D) All of the above

Q5 Drug called Heroin is synthesised by

- (A) Methylation of morphine
- (B) Acetylation of morphine
- (C) Glycosylation of morphine
- (D) Nitration of morphine

Q6 Opium, morphine and heroin are collectively called as

- (A) Tranquilisers
- (B) Stimulants
- (C) Hallucinogens
- (D) Opiate narcotics

Q7 The use of *Cannabis* products (bhang, ganja, charas, marijuana or hashish) causes

- (A) Depression of brain activity and feeling of calmness
- (B) Alters thoughts, perceptions and feelings
- (C) Suppression of brain function and relieves pain
- (D) Stimulates the nervous system and increases alertness and activity

Q8 The drug useful to increase cardiovascular



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effects in human beings is

- (A) Cocaine (B) Barbiturate
(C) Benzodiazepine (D) Insulin

Q9 Barbiturates are

- (A) Hallucinogens (B) Sedatives
(C) Narcotics (D) Antibiotics

Q10 Cocaine interferes with transport of

- (A) GABA (B) Acetylcholine
(C) Dopamine (D) Glutamate

Q11 Opioids are the drugs which bind to specific opioid receptors present in our CNS and GIT.

Heroin, commonly called smack is chemically _____ which is a white, odourless, bitter crystalline compound, obtained by _____ of morphine

- (A) Diacetylmorphine, methylation
(B) Diacetylmorphine, acetylation
(C) Benzodiazepines, amination
(D) Amphetamines, acetylation

Q12 Which of the following combination is not a cannabinoids?

- (A) Charas, Hashish
(B) Marijuana, Bhang
(C) Charas, Ganja
(D) Datura, LSD

Q13 Which of the following is correct for LSD, morphine and charas respectively?

- (A) *Claviceps*, *Papaver somniferum*, *Trichoderma*
(B) *Claviceps*, *Cannabis*, Coca plant
(C) *Claviceps*, *Papaver somniferum*, *Cannabis*
(D) *Papaver somniferum*, *Claviceps*, *Cannabis*

Q14 _____ is a very effective sedative and painkiller and is very useful in patients who have

undergone surgery.

- (A) Cocaine (B) Marijuana
(C) Morphine (D) Nicotine

Q15 Building up of _____ is observed as a result of smoking which reduces the _____ availability to the tissues

- (A) Carbon dioxide, carbon monoxide
(B) Carbon dioxide, oxygen
(C) Carbon monoxide, oxygen
(D) Oxygen, carbon monoxide

Q16 Smoking is not associated with increased incidence of cancers of

- (A) Lungs
(B) Throat
(C) Urinary bladder
(D) Liver

Q17 Fill in the blank.

_____ is the tendency of the body to manifest a characteristic and unpleasant withdrawal syndrome if regular dose of the drug is abruptly discontinued

- (A) Addiction
(B) Dependence
(C) Allergy
(D) Autoimmune disorder

Q18 Which categories of drugs are used by sportsmen?

- (A) Certain hormones
(B) Anabolic steroids
(C) Diuretics
(D) All of the above

Q19 *Datura* is a _____ plant

- (A) Sedative (B) Hallucinogenic
(C) Excitatory (D) Health tonic



Answer Key

Q1 (D)
Q2 (A)
Q3 (B)
Q4 (D)
Q5 (B)
Q6 (D)
Q7 (B)
Q8 (A)
Q9 (B)
Q10 (C)

Q11 (B)
Q12 (D)
Q13 (C)
Q14 (C)
Q15 (C)
Q16 (D)
Q17 (B)
Q18 (D)
Q19 (B)



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