

NEET HUMAN HEALTH AND DISEASE — DRUGS AND ALCOHOL ABUSE — PYQS

Max. Marks: 64
Questions: 16

Section A (MCQ) — 16 questions

Q.1 Match **List I** with **List II:** [NEET (UG) 2026]

List I (Drug)		List II (Effect)	
A.	Nicotine	I.	Causes sense of euphoria and increased energy
B.	Morphine	II.	Stimulates adrenal gland to release catecholamines into blood circulation
C.	Heroin	III.	Effective sedative and painkiller
D.	Cocaine	IV.	A depressant; slows down body function

 (1) A-II, B-III, C-I, D-IV (2) A-III, B-II, C-IV, D-I
 (3) A-III, B-II, C-I, D-IV (4) A-II, B-III, C-IV, D-I

 Scan or tap for the full solution 
Q.2 Which of the following is used as an effective sedative and painkiller for treating post-surgery patients? [RE-NEET (UG) 2026]

 (1) Anti-retroviral drugs (2) Interferon
 (3) Antibiotics (4) Morphine

 Scan or tap for the full solution 
Q.3 Match **List I** with **List II:**

List - I		List - II	
A.	Cocaine	I.	Effective sedative in surgery
B.	Heroin	II.	<i>Cannabis sativa</i>
C.	Morphine	III.	<i>Erythroxylum</i>
D.	Marijuana	IV.	<i>Papaver somniferum</i>

Choose the correct answer from the options given below: [NEET (UG) 2024]

 (1) A-IV, B-III, C-I, D-II (2) A-I, B-III, C-II, D-IV
 (3) A-II, B-I, C-III, D-IV (4) A-III, B-IV, C-I, D-II

 Scan or tap for the full solution 
Q.4 Match **List I** with **List II.**

List I		List II	
A.	Heroin	I.	Effect on cardiovascular system
B.	Marijuana	II.	Slow down body function
C.	Cocaine	III.	Painkiller
D.	Morphine	IV.	Interfere with transport of dopamine

Choose the correct answer from the options given below: [NEET (UG) 2023]

 (1) A-I, B-II, C-III, D-IV (2) A-IV, B-III, C-II, D-I
 (3) A-III, B-IV, C-I, D-II (4) A-II, B-I, C-IV, D-III

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Q.5 Drug called 'Heroin' is synthesized by :

[NEET (UG) 2019]

 (1) glycosylation of morphine
 (2) nitration of morphine
 (3) methylation of morphine
 (4) acetylation of morphine

 Scan or tap for the full solution 
Q.6 Which part of poppy plant is used to obtain the drug "smack"? [NEET 2018]

(1) Flowers (2) Latex (3) Roots (4) Leaves

 Scan or tap for the full solution 
Q.7 Which is the particular type of drug that is obtained from the plant whose one flowering branch is shown below? [AIPMT 2014]



- (1) Hallucinogen (2) Stimulant
(3) Depressant (4) Pain-killer

Scan or tap for the full solution



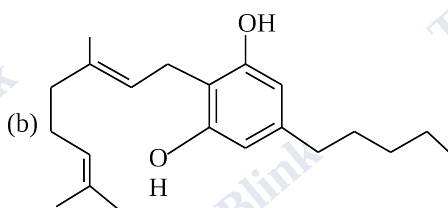
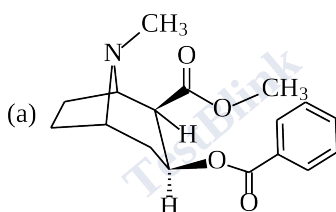
Q.8 Which one of the following is a hallucinogenic drug? [NEET 2013 (Karnataka)]

- (1) Morphine
(2) Opium
(3) Caffeine
(4) Lysergic acid diethylamide

Scan or tap for the full solution



Q.9 Identify the molecules (a) and (b) shown below and select the right option giving their source and use. [AIPMT 2012 (Mains)]



- (1) Molecule → (b) Heroin, Source → *Cannabis sativa*, Use → Depressant and slows down body functions
(2) Molecule → (a) Morphine, Source → *Papaver somniferum*, Use → Sedative and pain killer
(3) Molecule → (a) Cocaine, Source → *Erythroxylum coca*, Use → Accelerates the transport of dopamine
(4) Molecule → (b) Cannabinoid, Source → *Atropa belladonna*, Use → Produces hallucinations

Scan or tap for the full solution



Q.10 Cirrhosis of liver is caused by the chronic intake of [AIPMT 2012 (Prelims)]

- (1) Cocaine (2) Alcohol
(3) Tobacco (Chewing) (4) Opium

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Q.11 Select the correct statement from the ones given below : [AIPMT 2010 (Prelims)]

- (1) Cocaine is given to patients after surgery as it stimulates recovery
(2) Chewing tobacco lowers blood pressure and heart rate
(3) Barbiturates when given to criminals make them tell the truth
(4) Morphine is often given to persons who have undergone surgery as a pain killer

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Q.12 Which one of the following is the correct statement regarding the particular psychotropic drug specified? [AIPMT 2008]

- (1) Hashish causes after thought perceptions and hallucinations
(2) Morphine leads to delusions and disturbed emotions
(3) Opium stimulates nervous system and causes hallucinations
(4) Barbiturates cause relaxation and temporary euphoria

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Q.13 A person showing unpredictable moods, outbursts of emotion, quarrelsome behaviour and conflicts with others is suffering from- [AIPMT 2006]

- (1) Mood disorders
- (2) Addictive disorders
- (3) Schizophrenia
- (4) Borderline Personality Disorder (BPD)

Scan or tap for the
full solution



Q.14 Which one of the following depresses brain activity and produces feelings of calmness, relaxation and drowsiness ? [AIPMT 2005]

- (1) Hashish
- (2) Amphetamines
- (3) Morphine
- (4) Valium

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Q.15 Which one of the following is correct match ? [AIPMT 2001]

- (1) Bhang – Analgesic
- (2) Cocaine – opiate narcotic
- (3) Morphine – Hallucinogenic
- (4) Reserpine – Tranquilliser

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full solution



Q.16 L.S.D. is : - [AIPMT 2001]

- (1) Stimulant
- (2) Tranquilliser
- (3) Hallucinogenic
- (4) Sedative

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full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	4	4	4	4	4	2	1	4	2	2	4
Ques.	12	13	14	15	16						
Ans.	1	4	4	4	3						