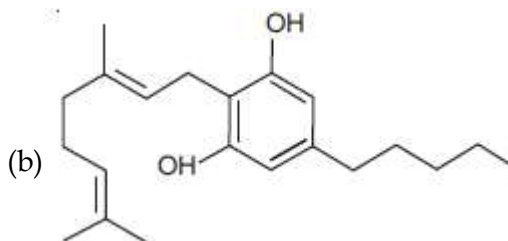
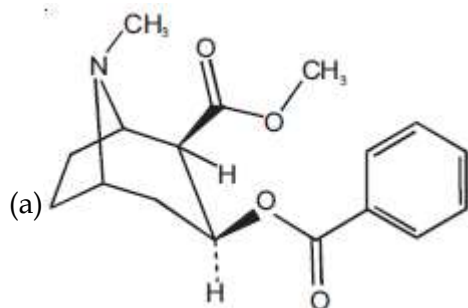


111. Which one of the following is not a property of cancerous cells whereas the remaining three are?
- (1) They show contact inhibition
 - (2) They compete with normal cells for vital nutrients
 - (3) They do not remain confined in the area of formation
 - (4) They divide in an uncontrolled manner
112. Identify the molecules (a) and (b) shown below and select the right option giving their source and use



Options :

	Molecule	Source	Use
(1)	(a) Cocaine	<i>Erythroxylum coca</i>	Accelerates the transport of dopamine
(2)	(b) Heroin	<i>Cannabis sativa</i>	Depressant and slows down body functions
(3)	(b) Cannabinoid	<i>Atropa belladona</i>	Produces hallucinations
(4)	(a) Morphine	<i>Papaver somniferum</i>	Sedative and pain killer

113. Injecting functional adenosine deaminase into a patients blood cells may be considered as
- (1) Gene Modification
 - (2) Enzyme replacement therapy
 - (3) Both (1) & (2)
 - (4) Genetic engineering
114. A person likely to develop tetanus is immunised by administering
- (1) Preformed antibodies
 - (2) Wide spectrum antibiotics
 - (3) Weakened germs
 - (4) Dead germs
115. Which one of the following statements is correct ?
- (1) Benign tumours show the property of metastasis.
 - (2) Heroin accelerates body functions.
 - (3) Malignant tumours may exhibit metastasis.
 - (4) Patients who have undergone surgery are given cannabinoids to relieve pain.
116. Today, transgenic models exist for many human diseases which includes
- (1) Cancer
 - (ii) Cystic fibrosis
 - (iii) Rheumatoid arthritis
 - (iv) Alzheimer's disease
- (1) (i) and (iii) only
 - (2) (ii) and (iii) only
 - (3) (i), (ii) and (iii) only
 - (4) All of these
117. Which one of the following depresses brain activity and produces feelings of calmness, relaxation and drowsiness?
- (1) Charas
 - (2) Morphine
 - (3) Hashish
 - (4) Cocaine

118. Other than gene therapy, which of the following temporary remedies have been previously used for treating ADA deficiency?
- (1) Therapy with monoclonal antibodies
 - (2) Bone marrow transplantation
 - (3) Plasma therapy
 - (4) Treatment with antibiotic or vaccines
119. The Indian parliament has recently cleared which amendment of the Indian patents bill.
- (1) 1st (2) 3rd (3) 2nd (4) 4th
120. Mark the incorrect statement
- (1) Opioids are the drugs which bind to opioid receptors present in our central nervous system and gastrointestinal tract
 - (2) Cocaine is obtained from coca plant *Erythroxylum coca*
 - (3) Natural cannabinoids are obtained from the inflorescence of the plant *Cannabis sativa*
 - (4) LSD (Lysergic Acid Diethylamide) is most powerful hallucinogen extracted from *Papaver somniferum*