

BIOLOGY

91. Plants produce an enormous diversity of substances that have no apparent roles in growth and development processes and are classified under the heading of
[NCERT XI, Pg. No. 146]
- (1) Primary metabolites
 - (2) Secondary metabolites
 - (3) Necessary metabolites
 - (4) Tertiary metabolites
92. Which one of the following is secondary metabolite? [NCERT XI, Pg. No. 146]
- (1) Amino acid
 - (2) Sugar
 - (3) Flavonoids and antibiotics
 - (4) Protein
93. Which one of the following statement is incorrect? [NCERT XI, Pg. No. 146]
- (1) Primary metabolite has identifiable functions.
 - (2) Some secondary metabolites have ecological importance.
 - (3) Secondary metabolites like rubber, drugs, species, scents and pigments are useful to human welfare.
 - (4) Secondary metabolites are found in fungi, microbes and plants.
94. Which of the following are pigments?
[NCERT XI, Pg. No. 146]
- (1) Morphine
 - (2) Vinblastine
 - (3) Carotenoids and anthocyanin
 - (4) Ricin
95. Which one of the following is not a polymeric substance? [NCERT XI, Pg. No. 146]
- (1) Rubber
 - (2) Morphine
 - (3) Protein
 - (4) Cellulose
96. Which of the following secondary metabolites are used as drugs? [NCERT XI, Pg. No. 146]
- (1) Abrin + Ricin
 - (2) Vinblastine + Curcumin
 - (3) Anthocyanin
 - (4) Monoterpenes
97. Which one of the following is secondary metabolite? [NCERT XI, Pg. No. 146]
- (1) Lemon oil grass
 - (2) Sucrose
 - (3) Lactose
 - (4) Glycine
98. Which one of the following are secondary metabolites? [NCERT XI, Pg. No. 146]
- (1) Flavonoids and rubber
 - (2) Antibiotics, coloured pigments and essential oils.
 - (3) Scents, gums and spices
 - (4) All of these
99. Select the incorrect statement from the following. [NCERT XI, Pg. No. 152]
- (1) Acetic acid becomes cholesterol is an example of biosynthetic or anabolic pathway.
 - (2) Glucose becoming lactic acid in our skeletal muscles is an example of degradation or catabolic pathway.
 - (3) Flow of metabolite through metabolic pathway does not have a definite rate and direction
 - (4) Anabolic pathway requires energy, whereas catabolic pathway releases energy.
100. Bond energy, which is stored in our body in the form of ATP is utilized in
[NCERT XI, Pg. No. 153]
- (1) Biosynthetic phase
 - (2) Osmotic work
 - (3) Mechanical work
 - (4) All of these