

PGCET-BOTANY-PRACTICE BITS

LIPID METABOLISM

1. Lipids are insoluble in
A) Chloroform B) Benzene C) Water D) Acetone
2. Which bond is found b/w Alcohol & Fatty acid in Lipids?
A) Glycosidic B) Hydrogen C) Phospho ester D) Ester
3. The lipids which are made up of only Alcohol & Fatty acid are known as
A) Simple lipids B) Compound lipids C) Derived lipids D) All of these
4. If the lipids are solid state in which alcohol is Glycerol, they are called as
A) oils B) Fats C) Wax D) Butter
5. The lipids in which alcohol is other than Glycerol, they are called as
A) oils B) Fats C) Wax D) Butter
6. Cuticle of leaves is an example for
A) Wax B) Fats C) Oils D) Fatty acid
7. Find out the compound lipids from the following?
A) Phospholipids B) Glycolipids C) Lipoproteins D) All of these
8. Phospholipids are structural components in
A) Cell walls B) Plasma membrane C) Nucleic acids D) Hormones
9. If the lipids are liquid state in which alcohol is Glycerol, they are called as
A) oils B) Fats C) Wax D) Butter
10. In most of the Plants, Lipids are stored in
A) Leaves B) Tubers C) Pericarp D) Endosperm
11. Simplest fatty acid is
A) Formic acid B) Acetic acid C) Propionic acid D) Butyric acid
12. Find out the derived lipid from the following
A) Fatty acid B) Glycerol C) Wax D) Oils
13. Derived lipids are formed from
A) Simple lipids B) Compound lipids C) Sterols D) Both A & B
14. Find out the sterol from the following
A) Cholesterol B) Ergosterol C) Phytosterol D) All of these
15. The fatty acids without Double or Triple bonds are known as
A) Unsaturated B) Saturated C) Poly unsaturated D) Omega
16. Usually, most of the lipids are synthesized in
A) Cytosol B) Nucleus C) SER D) Mitochondria
17. Precursor for Glycerol synthesis is
A) G-3-P B) DHAP C) Phospho Glycerate D) Acetyl Co-A
18. Which of the following is essential for elongation of fatty acids?
A) G-3-P B) DHAP C) Malonyl Co-A D) Acetyl Co-A
19. Lecithin is an example for
A) Glycolipid B) Sulpholipid C) Phospholipid D) Derived lipid
20. In most of the cases, Catabolism of fatty acids occur through
A) α -Oxidation B) β -Oxidation C) ω -Oxidation D) Peroxidation
21. β -Oxidation was first discovered by
A) Lipmann B) Lehninger C) Green D) Knoop
22. β -Oxidation occurs in
A) Cytosol B) Chloroplast C) Mitochondria D) SER
23. Which of the following has more calorific value?
A) Lipids B) Proteins C) Carbohydrates D) Nucleic acids
24. "Connecting link" between Respiration & Lipid metabolism is
A) Glucose B) Pyruvate C) Acetyl-CoA D) DHAP
25. The plastids which store lipids are known as
A) Amyloplasts B) Aleuroplasts C) Elaioplasts D) Leucoplasts

KEY: 1-C 2-D 3-A 4-B 5-C 6-A 7-D 8-B 9-A 10-D 11-B 12-A 13-D
14-D 15-B 16-A 17-B 18-D 19-C 20-B 21-D 22-C 23-A 24-C 25-C

By
D.R