EXERCISE - II

NON LIVING INCLUSION, S VACUOLES

1. The stems and leaves of grasses are rough due to
(1) Calcium carbonates
(2) Resins
(3) Silica
(4)Calcium oxalate

2. Resin canals abundantly occur in :
(1) Conifers (2) Cycads
(3) Gnetales (4) Dicots

3. Starch grain present in latex are :
(1) Prismatic (2) Rod shaped
(3) Oval shaped (4)Dumble shaped

4. Deposition of ligning mainly occurs in :
(1) Primary cell wall
(2) Secondary cell wall
(3) Tertiary cell wall
(4) Middle lamella

5. Euglena stores food in the form of paramylum ($^{\beta 1 \rightarrow 3}$glucan) which is conversion product of
(1) Starch (2) Fructose
(3) Hyaluronic acid (4) Pectin

6. By the process of lignification cell become :
(1) More active
(2) Less active
(3) Dead
(4)Actively dividing

7. Suberisation mainly occurs in :
(1) Middle lamella (2) Pri-cell wall
(3) Sec. -cell wall (4) Cytoplasm

8. Tonoplast, the membrane of vacuole is :
(1) Living membrane
(2) Non living membrane
(3) Impermeable
(4) Permeable

9. Stored food in onion lieaves :
(1) Starch (2) Sugars
(3) Inulin (4) Glycogen

10. Ripening fruits softene due to :
(1) Conversion of starch into sugars
(2) Solubilistion of pectates in middle lamella
(3) Formation of organic acids
(4) Conversion of fats into carbohydrates

11. Resins are :
(1) Cell wall degradation products
(2) Alkaloids
(3) Glycosidic derivative
(4) Oxidation products of essential oils

12." Durs" are :
(1) Crystals of calcium carbonate
(2) Crystals of calcium oxalate
(3) Alkaloids
(4) Crytals of silica

13. Star shaped group of minerals are called :
(1) Lithocyte (2) Cytolith
(3) Raphides (4) Druses

14. Mineral Crystal Raphides found in :
(1) Rubber plant (2) Papaver
(3) Sunflower (4) Brinjal

15. The shape of starch granules in potato :
(1) Oval, Eccentric and Simple
(2) Oval, Concentric, Simple
(3) Oval, Eccentric, Compound
(4)oval,Concentriccompound