

**DEPARTMENT OF NUTRITION**  
**PAPER- PRINCIPLES OF FOODS**  
**INTERNAL-I QUESTION BANK**

1. What is the primary function of starch in plants \_\_\_\_\_

Ans:- **Energy storage**

2. \_\_\_\_\_ enzyme is responsible for breaking down starch into maltose

Ans :- **Amylase**

3. \_\_\_\_\_ is not a polysaccharide of glucose

Ans :- **Fructose**

4. \_\_\_\_\_ is a common commercial use of starch

Ans:- **Thickening agent in food**

5. \_\_\_\_\_ can be used to detect the presence of starch

Ans :- **Iodine test**

6. Gluten is very unique protein present in \_\_\_\_\_

Ans :- **Wheat**

7. Milk is an emulsion of \_\_\_\_\_ in water

Ans :- **Oil**

8. \_\_\_\_\_ fat-soluble vitamins are present in milk

Ans:- **A & D**

9. Combination of glucose ( $C_6H_{12}O_6$ ) and galactose ( $C_6H_{12}O_6$ ) molecules result in

Ans :- **Lactose**

10. \_\_\_\_\_ minerals functions by building strong bones and teeth.

Ans :- **Calcium**

11. Amylose has \_\_\_\_\_ glycoside linkage

Ans:- **Alpha 1,4**

12. Amylopectine has \_\_\_\_\_ glycoside linkage.

Ans:- **Alpha 1,6**

13. Starch also known as \_\_\_\_\_

Ans:- **Amylum**

14. Body building foods are \_\_\_\_\_

Ans :- **Milk egg and meat**

15. Perosis in poultry due to deficiency \_\_\_\_\_

Ans:- **Manganese**

16. The number of eggs laid by a hen on consecutive days without break is called as \_\_\_\_\_

Ans:- **Clutch**

17. \_\_\_\_\_ chicken breeds lays most eggs in india.

Ans :- **Plymouth Rock**

18. \_\_\_\_\_ disease popularly known as fowl plague.

Ans :- **Bird Flue**

19. External factors of gelatinization is \_\_\_\_\_

Ans:-**Temperature**

20 . Starch is \_\_\_\_\_ saccharides .

Ans:- **Homopolysaccharides**

21. The enzymes present in pancreatic juice **Amylase, Trypsinogen, Peptidase, Rennin**

**22. Cholecystokinin and secretin hormones** stimulates the production of pancreatic juice and bicarbonate

23. Carboxypeptidase requires **Zn** for its activity

**24. Proteases** hydrolytic enzymes act in low pH

**25. Glycogen** is synthesized and stored in the liver cells

**26.** The disease caused due to deficiency of nicotinic acid is **pellagra**

**27. 1.44 kg to 1.66 kg** statements is true about the weight of the human liver

**28. Production of bile** is the function of the human liver

**29.** Albumin is the most important protein in blood serum. It is produced by **Liver**

**30.** Where is the liver located in the human body **Above the abdominal cavity**