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**DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS & SCIENCE FOR WOMEN
(AUTONOMOUS)**



(For Candidates admitted from 2020-2021 onwards)

UG DEGREE EXAMINATIONS APRIL – 2021

B.SC - NUTRITION & DIETETICS

HUMAN PHYSIOLOGY

Time: 3 Hrs

Max.Marks: 75

PART - A

CHOOSE THE CORRECT ANSWER:

(10X1=10)

1. Salivary amylase acts on starch and convert it into_____
 - a) Lactose
 - b) Maltose
 - c) Lactulose
 - d) Fructose
2. Oesophagus is also called as_____
 - a) wind pipe
 - b) food pipe
 - c) a &b
 - d) none of the above
3. The another name for W.B.C is_____
 - a) Erythrocytes
 - b) Leucocytes
 - c) hepatocytes
 - d) All of the above
4. _____ is called as natural pacemaker of heart.
 - a) SA node
 - b) AV node
 - c) AV bundle
 - d) bundle of his.
5. _____ is called as “voice box”
 - a) pharynx
 - b) larynx
 - c) oropharynx
 - d) nasopharynx
6. _____ plays a major role in homeostasis
 - a) Skin
 - b) Digestive system
 - c) Liver
 - d) Kidney
7. The function of Thyroid hormones are _____
 - a) maintains body weight (b) energy level (c) regulate body temperature (d) all of these
8. Name the hormone that maintains Pregnancy?_____
 - a) Estrogen
 - b) GSH
 - c) Progestrone
 - d) Oxytocin
9. Which one of these is not a part of brain?_____
 - a) Thalamus
 - b) Pons
 - c) cerebellum
 - d)spinal cord
10. Retina consist of _____ layer
 - a) rod
 - b) cone
 - c) rods& cones
 - d) none of the above

PART - B

ANSWER ALL THE QUESTIONS

(5X7=35)

11. a) Classify Tissues

(OR)

b) List the functions of Liver.

12. a) Give the composition of Blood.

(OR)

b) Diagrammatically explain the structure of Heart.

13. a) Enumerate on structure of Respiratory system.

(OR)

b) Explain Micturition.

14. a) Bring out the functions of thyroid and adrenal glands

(OR)

b) Schematically explain Menstruation cycle.

15. a) State the functions of cerebrum and cerebellum.

(OR)

b) Draw and explain the parts of Eye.

PART-C

ANSWER ANY THREE QUESTIONS:

(3X10=30)

16. Elaborately explain the structure and Functions of Pancreas

17. Write an essay on Blood Grouping.

18. Elucidate the structure and functions of skin

19. Explain Physiology of Pregnancy.

20. Describe Human Brain.