



# VIDYA SIRI COLLEGE OF PHARMACY

( A Unit of Kasipathi Educational Trust @ 157/2017 -18)

(Recognized by Government of Karnataka, Affiliated to Pharmacy Council of India, New Delhi & Board of Examining Authority, Drugs Control Department, Government of Karnataka)

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## FIRST SESSIONAL EXAM Question Paper (THEORY)

2021-22

Branch: D. Pharm

Year: I. D. Pharm

Subject & Subject Code: Human Anatomy & Physiology-I

Marks: 40

Date: 15/03/2022

Time: 90 min

### *Instruction to Candidates:*

- 1) Attempt All three Sections
- 2) Draw neatly labeled diagrams wherever necessary.

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### **I. Long Answers (Answer any 3 out of 4 questions) 3 X 5 marks=15 Marks.**

1. Explain the structure & functions of mitochondria.
2. Describe the location & functions of epithelial, muscular, connective & nervous tissue.
3. Describe with example the different types of WBC & functions.
4. Describe the stages of cell cycle.

### **II. Short Answers (Answer any 5 out of 6 questions) 5 X 3 Marks= 15 Marks**

5. Write a note on endoplasmic reticulum.
6. Explain the different types of cartilage tissue.
7. Enumerate the functions of blood.
8. Classify connective tissue with example & their functions.
9. Write a note on plasma membrane.
10. Draw a neat labelled diagram of cell & label it.

### **III. Objective Answers (Answer all 10 out of 10 questions) 10 X 1 Marks = 10 marks**

11. Write the normal value of red blood cell.
12. What is the lifespan of WBC?
13. Write the composition of blood.
14. What is the normal count of platelets?
15. Write the functions of platelets.
16. Enumerate the functions of plasma.
17. Define embryology & endocrinology.
18. Write the functions of Golgi complex.
19. Lysosomes are called suicide bags of cell. why?
20. Blood is red in colour. Give reason.

**SUBMIT YOUR ANSWERS ON OR BEFORE 4:00PM TODAY to**  
[anatomyphysiology20@vidyasiricop.edu.in](mailto:anatomyphysiology20@vidyasiricop.edu.in)