



# 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)

www.vidyasiricop.edu.in

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## SECOND SESSIONAL EXAM Question Paper (THEORY)

2021-22

Branch: D. Pharm

Year: I. D. Pharm

Subject & Subject Code: Human Anatomy and Physiology

Marks: 40

Date: 17/05/2022

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. Describe the mechanism of blood clotting?
2. Explain the anatomy of Heart with neat labeled diagram.
3. Explain Process of hemopoiesis.
4. Describe anatomy and physiology of GIT.

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

5. Define Arteries, Veins and Capillaries and their characteristics.
6. Give the composition and functions of blood.
7. Write a note on physiology of digestion.
8. Write a short note on respiratory organs.
9. Give characteristics and functions of RBCs.
10. Write a short note on physiology of absorption.

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

11. Define Plasma & Serum.
12. What are anticoagulants? Give example
13. Give the functions of WBCs.
14. Give a normal value of hemoglobin.
15. What are villi, give their functions
16. Name the enzymes which are involved in digestion process.
17. Give the functions of alveoli.
18. What are bronchioles?
19. Describe basic functions of digestive system.
20. Name the organs involved in complete digestion process.



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