

B. Sc. DEGREE END SEMESTER EXAMINATION - OCT. 2020: FEBRUARY 2021**SEMESTER –1: COMPLEMENTARY 1 FOR B Sc PSYCHOLOGY****COURSE: 20U1CPBHS1 – BODY SYSTEMS AND BEHAVIOUR - I***(For Regular - 2020 Admission)*

Time: Three Hours

Max. Marks: 75

PART A***Answer all questions. Each question carries 1 mark***

1. Erythrocytes contain the oxygen-carrying protein which is a pigment called
2. is the most numerous blood plasma proteins which functions as transport proteins for fatty acids.
3. is the oval central portion of the bony labyrinth
4. is a thin, transparent outer layer of the heart wall.
5. The right ventricle is separated from the left ventricle by a partition called the
6. Each lung is enclosed and protected by a double-layered serous membrane called the
7. help stop blood loss from damaged blood vessels.
8. The first part of the small intestine is the which is the shortest region.
9. Cardiac excitation normally begins in the located in the right atrial wall.
10. Iris regulate the amount of light entering the eyeball through the hole called

(1 x 10 = 10)

PART B***Answer any eight of the following in not more than 50 words each******Each question carries 2 marks***

11. Enumerate four functions of digestive system.
12. Differentiate between sclera and cornea.
13. Write notes on Superior colliculus.
14. What is binocular vision?
15. Comment on semicircular canals.
16. What is coronary sulcus?
17. What is Bradycardia?
18. How are hormones transported to target organs?
19. What are globulins?
20. What is James-Lange theory?

(2 x 8 = 16)

PART C***Answer any five of the following in not more than 200 words each******Each question carries 5 marks***

21. Describe the role of saliva in digestion.
22. Differentiate between aqueous humor and vitreous humor.

23. Briefly explain the 3 theories of emotion.
24. Explain the structure and function of monocyte with the help of a neat labelled diagram.
25. Explain systemic circulation
26. Describe the architecture of different chambers of heart.
27. Write short notes on nervous connections of ear (5 x 5 = 25)

PART D

Answer any two of the following in not more than 500 words each

Each question carries 12 marks

28. Write an essay on the anatomy of eye with the help of a neat labelled diagram
29. Describe in detail the conducting system of heart
30. Discuss the role of amygdala and hippocampus in emotionality
31. Write an essay on the structure and function of different types of leucocytes. (12 x 2 = 24)
