

16326(J) June-16

B. Pharmacy (Ayurveda) 4th Semester Examination

Applied Physiology (NS)

BPA-422

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt all questions.

Each question of 2 marks.

1. What is the role played by peroxisomes?
2. What is "milieu interieur"?
3. What are characteristics of protein channels?
4. What is acidosis and alkalosis?
5. What is immunity?
6. What are antigens?
7. What is phagocytosis?
8. What are state caloric values of Fat, Protein & Carbohydrate?
9. Where are the vitamins stored in body?
10. What is BMR?
(2×10=20)

[P.T.O.]

Each question of 10 marks.

11. Explain the role of various systems of the body in homeostasis.
12. Describe the functions of plasma proteins.
13. What is glomerular filtration rate (GFR), what are the factors affecting it?
14. Describe the mechanism of respiration.
15. What is the effect of GH on fat and carbohydrate metabolism?
(5×10=50)