

D. PHARM PART-I (R/S) EXAMINATION JANUARY 2025 (ER2020)**SOCIAL PHARMACY (ER20-15T)****Time: 3 Hours****Total marks: 80**

[NOTE: Indicate the question number correctly for each answer.
Answers to questions 1-20 should be provided in the first pages as a single unit.
Give labelled diagrams/flow chart wherever necessary. Use only blue/black ink.]

Answer all the following.**(1 x 20 = 20)**

1. Immunoglobulin provides ---- type of immunity.
2. One gram of protein provides ---- calories of energy.
3. Deficiency of Vitamin C causes ----.
4. ---- is a rich source of Vitamin A.
5. Protein energy malnutrition leads to a condition called ----.
6. ---- is an example for Intra Uterine Contraceptive Device.
7. ---- is an example for water borne disease.
8. Rubella viral infection causes ----.
9. ---- is a permanent method of sterilization in females.
10. ---- is a synthetic analogue of Vitamin K.
11. Deficiency of which element causes goitre?
12. Elaborate the abbreviation SARS.
13. Give another name for Vitamin B12.
14. Which vitamin is associated with regulation of normal calcium levels in the body?
15. Give an example for a sexually transmitted disease.
16. Give an example for an arthropod borne infection.
17. Give an example for a live, attenuated vaccine.
18. Write an example for disease spreading through droplet infection.
19. Give an example for an infectious disease spread from animal to man.
20. Mention an example for substance causing addiction.

Answer any 10 of the following.**(3 x 10 = 30)**

21. Name the causative agent and mode of transmission of chicken pox.
22. List different methods for the prevention of water pollution.
23. List down the ill-effects of noise pollution.
24. Explain occupational diseases, with an example.
25. Differentiate between pandemic and endemic.
26. What is mortality rate?

27. Describe artificial ripening agents with one example?
28. Explain zoonotic diseases, with an example.
29. Explain the important preventive methods for tuberculosis.
30. Explain the term incubation period.
31. What are micro nutrients? Give two examples?

Answer any 6 of the following.

(5 x 6 = 30)

32. Discuss the roles of pharmacist in public health care system.
33. Give a short account of millennium development goals.
34. Write briefly on hormonal contraceptives.
35. Explain the immunization schedule for children in India.
36. Explain the goals and mode of operation of DOTS.
37. Give an account of fortified foods.
38. Describe various methods for solid waste disposal.
