

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(END SEMESTER EXAMINATION)**

**CLASS: B.PHARM  
BRANCH: PHARMACY**

**SEMESTER: VIII  
SESSION: SP/2025**

**SUBJECT: BP802T SOCIAL AND PREVENTIVE PHARMACY**

**TIME: 3.00 Hours**

**FULL MARKS: 75**

**INSTRUCTIONS:**

1. The missing data, if any, may be assumed suitably.
2. Before attempting the question paper, be sure that you have got the correct question paper.
3. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
4. This question paper consists of (03) three parts. Read the part wise instructions before attempting the questions.

**PART-I**

**Q1. Objective types questions (Instruction: Answer all questions) (10 x 2 = 20 Marks)**

- A. Define health and balanced diet.
- B. Differentiate between monitoring and surveillance.
- C. What are the functions of Vitamin A and Vitamin D?
- D. Write brief information about Dengue fever
- E. What is Influenza
- F. Write briefly about chikungunya
- G. What is Ebola Virus
- H. What is SARS
- I. What is COVID-19
- J. What is NACO

**PART-II**

**Short Answers**

**(Instruction: Answer seven out of nine questions)**

**(7 x 5 = 35 Marks)**

- Q2. Illustrate different levels of prevention of disease.
- Q3. Describe various concepts of health.
- Q4. What is nutrition? Explain about different macronutrients which are essential in body.
- Q5. List the functions, sources and deficiencies of calcium, iron, magnesium and phosphorus in body.
- Q6. Describe detailed about aetiology, symptoms and medical treatment for SARS patients
- Q7. Describe detailed about aetiology, symptoms and medical treatment of Filariasis patients
- Q8. Elaborate aetiology, symptoms and medical treatment of Pneumonia patients.
- Q9. Describe aetiology, symptoms and medical treatment of AIDS patients.
- Q10. Describe briefly about National Health Program.

**PART-III**

**Long Answers**

**(Instruction: Answer two out of three questions)**

**(2 x 10 = 20 marks)**

- Q11. Elaborate different dimensions which contributes health promotion.
- Q12. Explain types, causes and different stages of Cancer with Cancer cell cycle
- Q13. Elaborate aetiology, symptoms and diagnostic test for cholerae infection and explain different treatment regimens for cholerae patients.

**:::::26/04/2025 E:::::**