

12425

03 Hours / 80 Marks



20115

Seat No.

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- Instructions* –
- (1) All Questions are *Compulsory*.
 - (2) Answer each next main Question on a new page.
 - (3) Illustrate your answers with neat sketches wherever necessary.
 - (4) Figures to the right indicate full marks.
 - (5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. **Attempt any SIX of the following:** **30**
- a) Define Health. Explain dimensions of health.
 - b) What is scope of family planning? Classify methods of contraception.
 - c) Define Vaccine and Immunization. Describe various types of vaccines.
 - d) What is microbiology? Differentiate between bacteria and virus. Give examples of protozoa.
 - e) Write causative agent, mode of transmission symptoms and types of Tuberculosis.
 - f) Write causative agent, mode of transmission and prevention of any two:
 - i) AIDS
 - ii) Dengue
 - iii) Leprosy
 - g) List any four ongoing National health program for NCDs and explain one.
2. **Attempt any TEN of the following:** **30**
- a) Enlist the priority areas in NHP 2017. When was first National Health Policy launched?
 - b) Explain sources and effects of water pollution.
 - c) What is Demography? Explain demographic cycle.
 - d) Describe junk food. What are ill effects of consuming junk food?
 - e) Give suitable example of following:
 - i) Fortification of food
 - ii) Adulteration of food
 - iii) Genetically modified food
 - f) Define communicable diseases. Discuss modes of Transmission of communicable diseases.
 - g) Define:
 - i) Quarantine
 - ii) Pandemic
 - h) Draw structure of bacteria with diagram.
 - i) Write causative agent, mode of transmission, clinical presentation of typhoid.
 - j) Describe Pradhan Mantri Jan Arogya Yojna.
 - k) Define Pharmacoeconomics. Explain importance or benefits of pharmacoeconomics.

P.T.O.

