

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.

**3. Attempt ALL of the following:**

- a) Define social pharmacy.
 - b) Write full form SDG.
 - c) No. of development goals given by FIP are _____ .
 - d) Mention any 2 indicators of Health.
 - e) Breast feeding has exclusive health benefits for
 - i) Baby
 - ii) Lactating mother
 - iii) Both baby and mother
 - iv) None
 - f) Depletion of ozone layer happens due to Air pollution. State True or False.
 - g) Mention any 2 methods of solid waste disposal.
 - h) What is meant by occupational illness?
 - i) Match the following correctly:
 - i) Calcium a) Cretinism
 - ii) Iron b) Pellagra
 - iii) Iodine c) Anemia
 - iv) Vitamin B3 d) Osteomalacia
 - j) Define Nutrition.
 - k) Varicella zoster virus is causative agent of
 - i) Chicken Pox
 - ii) Diphtheria
 - iii) AIDS
 - iv) Dengue
 - l) Write causative agent of filariasis.
 - m) Write full form of SARS
 - n) Acid fast staining (Ziehl-Neelsen) is used for identification of
 - i) Cornyebacterium
 - ii) Mycobacterium
 - iii) Plasmodium
 - iv) Streptobacilli
 - o) Write vector involved in transmission of chikungunya.
 - p) National nutritional anaemia prophylaxis programme aims to promote.
 - i) Regular intake of iron and folic acid foods
 - ii) Blood transfusion
 - iii) Emergency treatment of anaemia
 - iv) None of the above
 - q) Mother Child health program, give one example.
 - r) NPCDCS is a program covering
 - i) Cancer
 - ii) Diabetes
 - iii) Cardiovascular diseases
 - iv) All of these
 - s) WHO removed India from the list of countries with active endemic wild polio virus transmission in the year _____ .
 - t) QALY stands for _____ .
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