11718

3 Hours / 80 Marks   Seat No.

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.

Marks

1.   **Attempt any EIGHT of the following :**   **8 × 2 = 16**

(a)   Define Nutrition and classify food.

(b)   Name sources and deficiency diseases of (i) Iodine (ii) Iron.

(c)   Name the vitamin causing following deficiency disease :
(i)   Pernicious anaemia
(ii)   Blood clotting disorders
(iii) Colour blindness
(iv) Osteoporosis

(d)   Name any two STD with their causative agents.

(e)   What do the following acronyms stand for ?
(i)   BCG
(ii)   BMR
(iii) HIV
(iv) DPT

(f)   Define the terms :
(i)   Aerobes
(ii)   Anaerobes

(g) Write two advantages and two disadvantages of Terminal methods of family planning.

(h) Name two diseases of each of following :

(i) Mosquito

(ii) Rat

(i) Name the disease due to following causative agent :

(i) Treponema pallidum

(ii) Varicella Zoster virus.

(j) Name causative agents of following disease :

(i) Tuberculosis

(ii) Malaria

(k) Draw well labelled diagram of virus.

(l) Differentiate between communicable and non-communicable diseases.

2. **Attempt any FOUR of the following :** $4 \times 3 = 12$

(a) What is epidemiology ? Explain different types of epidemiological methods.

(b) What is disinfection procedures for

(i) Faeces & urine

(ii) Surgical instruments

(iii) Sputum

(c) Give sources & functions of Vitamin-C. Mention symptoms of scurvy.

(d) What is composition of pure air ? How air pollution can be control ?

(e) What is family planning ? Give advantages & disadvantages of condom.

(f) Classify bacteria according to their shape.

3.   **Answer any FOUR of the following:**   **4 × 3 = 12**

    (a)   Discuss the role of community pharmacist.

    (b)   Discuss in brief hospital acquired infections.

    (c)   Explain Universal Immunization programme.

    (d)   What are general signs & symptoms of fractures ? Describe general management of fractures.

    (e)   Write prevention, control and management of cardio vascular diseases.

    (f)   Define the terms :
        (i)   Incubation period
        (ii)   Disinfection
        (iii)   Immunity

4.   **Attempt any FOUR of the following :**   **4 × 3 = 12**

    (a)   Define Vaccine. Differentiate between Active & Passive immunity.

    (b)   Name various sources of water. Describe household method of water purification.

    (c)   Define the terms :
        (i)   Social health
        (ii)   Mental health
        (iii)   Physical health

    (d)   What is solid waste ? Name various methods for its disposal. Describe any one in short.

    (e)   What are intrauterine devices ? Classify them along with their mechanism of action.

    (f)   What are types of cancer ? Explain factors responsible for it.

5.   **Give causative agents, mode of transmission & prevention of any FOUR of the following diseases :**   **12**

     (i)   Plague

     (ii)   Polio

     (iii)   Rabies

     (iv)   Leprosy

     (v)   Cholera

     (vi)   Diphtheria

6.   **Attempt any FOURof the following :**   **4 × 4 = 16**

     (a)   Explain the term :

         (i)   Reservoir

         (ii)   Cold chain

         (iii)   Antibody

         (iv)   Quarantine

     (b)   What is cardiac arrest ? Explain CPR.

     (c)   Write a note on Gram staining method.

     (d)   Write "Rule of Nine" for estimation of percentage of burns. Write emergency treatment for burns.

     (e)   Give causes types, prevention & management of Diabetes Mellitus.

     (f)   Define Health. List various determinants of health. Explain any two determinants.

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