Time : 1½ Hours   **HEALTH CARE**

Subject Code   (Home Health Aide)

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(NSQF)

Total No. of Questions : 4   **(Printed Pages : 8)**   **Maximum Marks : 40**

INSTRUCTIONS :   (*i*)   Answer each question on a fresh page.

(*ii*)   Write the question number and sub-question number clearly.

(*iii*) *All* questions are compulsory.

(*iv*) Figures to the right indicate full marks.

1.   (A)   Select and write the most appropriate alternative given below each statement and rewrite complete statement :   ½×6=3

(*i*)   The technique of physiotherapy performed using electromagnetic radiation is ....

• Laser

• Short wave

• TENS

• Ultrasound

(*ii*)   Insulin is administered through .... route.

• Subcutaneous

• Intravenous

• Intramuscular

• Sublingual

(*iii*) .... is inflammation of lungs.

- Chronic lung disease

- Sinusitis

- Strep throat

- Jaundice

(*iv*) Incubation period for polio is ....

- 7-10 days

- 1 month

- 2-3 days

- 8-15 days

(*v*) Combination of 5 vaccines together is called as ....

- Monovalent vaccine

- Tetravalent vaccine

- Pentavalent vaccine

- BCG

(*vi*) Full form of HAI is ....

- Hospital acquired infection

- Human acquired infection

- Halogen acquired infection

- Home acquired infection

(B) Answer the following questions in **4-5** sentences each : 2×2=4

    (*a*) Write the difference between drug and medicine. (**2** points each)

    (*b*) What is epidemiological triangle ? Draw its neat and labelled diagram.

(C) Answer the following questions in one-two sentences each : 1×3=3

    (*i*) Define hydrotherapy.

    (*ii*) What is biological ageing ?

    (*iii*) Why do elderly require special care ?

2. (A) (1) Select and write the most appropriate alternative given below each statement and rewrite complete statement : ½×2=1

    (*i*) .... is caused by bacteria.

        • Poliomyelitis

        • Smallpox

        • Tuberculosis

        • Hepatitis B

    (*ii*) .... is a symptom of Rabies.

        • Pregnancy

        • Skin Rash

        • Hydrophobia

        • Chickenpox

(2)   Indicate whether the given statements are True *or* False :

½×2=1

(i)   Pathogen is a microorganism that has the potential to cause a disease.   (True/False)

(ii)   Geretophobia is the fear of becoming old.   (True/False)

(3)   Match the following items in column A with correct items in column B and write the correct pair :   ½×2=1

Column A	**Column B**
(i) Toddler	• 3 years to 5 years
(ii) Preschool child	• 6 months
	• 1 year to 3 years
	• 2 years to 4 years

(B)   Answer the following questions in four-five sentence each :   2×2=4

(a)   80 years male is suffering from bedsores. How will you take care of him ? (**4** points)

(b)   Which patients admitted in hospital are at higher risk of contacting HAI ?

(C)   Answer the following questions in two-three sentences each : 1×3=3

(i)   Write any *two* symptoms of poliomyelitis.

(ii)   What are the key components of pulse polio immunization ? (Any **2** points)

(iii) Give 2 examples of pressurized waste.

3. (A) Select and write the most appropriate alternative given below each statement and rewrite complete statement : ½×6=3

(i) Following the daily time table is an example of ....

- Self-management

- Self-regulation

- Self-manipulation

- Self-confidence

(ii) The ability to recognize and understand our own emotion is ....

- Self-motivation

- Self-awareness

- Self-regulation

- Self-management

(iii) The instrument used for breathing exercise is ....

- Spirometer

- Dynamometer

- Speedometer

- Thermometer

(*iv*) .... light is used to treat pain in tendons.

- Laser

- Short wave

- TENS

- UV

(*v*) In .... route the drug is administered below the torque.

- Buccal

- Oral

- Sublingual

- Topical

(*vi*) .... group of medicines function as painkillers.

- Analgesics

- Antidepressants

- Respiratory medicines

- Opoids

(B) Answer the following questions in four-five sentences each : 2×2=4

(*a*) Write the difference between active immunity and passive immunity. (**2** points each)

(*b*) Enlist the routes of transmission of infection. (Any **4**)

(C)   Answer the following questions in two-three sentences each : 1×3=3

(*i*)   Where is sharp waste generated ?

(*ii*)   Who is an Entrepreneur ?

(*iii*)   Mention any *two* qualities of a successful Entrepreneur ?

4.   (A)   (1)   Select and write the most appropriate alternative given below each statement and rewrite complete statement :   ½×2=1

(*i*)   .... is used on skin and mucous membrane to kill microorganisms.

•   Disinfectants

•   Antiseptics

•   Antisepsis

•   Detergent

(*ii*)   .... exercise is a strengthening exercise.

•   Body mechanics

•   Hydrotherapy

•   Posture management

•   Isotonic

(2)   Indicate whether the given statements are True *or* False :

½×2=1

(*i*)   Old people cannot exercise.   (True/False)

(*ii*)   Injection is an example of oral drug delivery method.

(True/False)

(3)   Match the following items in column A with correct items in column B and write the correct pair :   ½×2=1

	Column A		**Column B**
(i)	Category 5	•	Chemical waste
(ii)	Category 9	•	Sharp waste
		•	Incineration ash
		•	Discarded medicines and cytotoxic drugs

(B)   Answer the following questions in four-five sentences each :   2×2=4

(a)   Draw and explain the diagram of communication cycle.

(b)   What is the role of green jobs in protecting and restoring ecosystems ?

(C)   Answer the following questions in two-three sentences each : 1×3=3

(i)   What is the full form of ICT ?

(ii)   Write any *two* tools of ICT.

(iii)   What is stress management ?