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Time : 1½ Hours**Subject Code**

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HEALTH CARE**(Home Health Aide)****(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 : $\frac{1}{2} \times 6 = 3$

(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 : $2 \times 2 = 4$

(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 : $1 \times 3 = 3$

(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 : $\frac{1}{2} \times 2 = 1$

(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 :

$\frac{1}{2} \times 2 = 1$

(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 : $\frac{1}{2} \times 2 = 1$

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 : $2 \times 2 = 4$

(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 : $1 \times 3 = 3$

(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 : $\frac{1}{2} \times 6 = 3$

(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 tongue.

- Buccal
- Oral
- Sublingual
- Topical

(vi) group of medicines function as painkillers.

- Analgesics
- Antidepressants
- Respiratory medicines
- Opioids

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

(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 : $1 \times 3 = 3$

- (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 : $\frac{1}{2} \times 2 = 1$

(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 :

$\frac{1}{2} \times 2 = 1$

(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 : $\frac{1}{2} \times 2 = 1$

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 : $2 \times 2 = 4$

- (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 : $1 \times 3 = 3$

- (i) What is the full form of ICT ?
- (ii) Write any *two* tools of ICT.
- (iii) What is stress management ?