

2025

**Healthcare (Vocational)**

Total marks: 50

Time: 2 hours

**General instructions:**

- i) *Approximately 10 minutes is allotted to read the question paper and revise the answers.*
- ii) *All questions are compulsory.*
- iii) *The question paper consists of 21 questions.*
- iv) *Marks allocated to every question are indicated against it.*

**N.B:** *Check that all pages of the question paper are complete as indicated on the top left side.*

**1. Choose the correct answer from the given alternatives: 10x1=10**

- i. The capacity to take control and make decisions before others is known as
  - (a) Perseverance
  - (b) Initiative
  - (c) Commitment
  - (d) Resilient
- ii. Candidiasis is a
  - (a) Fungal disease
  - (b) Bacterial disease
  - (c) Viral disease
  - (d) Helminthic disease
- iii. Which of the following is the novel drug delivery method?
  - (a) Diffusion
  - (b) Mechanical
  - (c) Chemical
  - (d) Nano particle
- iv. Comprehending the meaning of the word is
  - (a) Hearing
  - (b) Understanding
  - (c) Evaluating
  - (d) Responding
- v. Glassware such as vials and ampoules for medications are placed in
  - (a) Black bag
  - (b) Blue bag
  - (c) Red bag
  - (d) White bag
- vi. The immune system which is already present at the time of birth is known as
  - (a) Innate immunity
  - (b) Acquired immunity
  - (c) Active immunity
  - (d) Passive immunity
- vii. Understanding one's own needs, desire, habits , personality traits, behaviour and feeling is called
  - (a) Self- awareness
  - (b) Self-management
  - (c) Self-control
  - (d) Self-motivation
- viii. The use of stethoscope for listening sounds of heart and bowel is
  - (a) Percussion
  - (b) Manipulation
  - (c) Auscultation
  - (d) Inspection
- ix. The short cut key to open format cells dialog is
  - (a) Ctrl + M
  - (b) Ctrl + 2
  - (c) Ctrl + F<sub>2</sub>
  - (d) Ctrl + 1
- x. An instrument for determining the range of motion of a bodily joint is
  - (a) Accelerometer
  - (b) Goniometer
  - (c) Thermometer
  - (d) Barometer

**Answer the following questions in one word or one sentence:**

- 2. Give one significance of physical examination. 1
- 3. Define shredder. 1
- 4. List any two source of motivation. 1
- 5. What is the acronym for PACE? 1
- 6. Name the type of drugs used for lowering high blood pressure. 1
- 7. What is active immunity? 1
- 8. Define asepsis. 1
- 9. What is text box? 1

**Answer the following questions in 20-50 words:**

- 10. What is disease and pathogen? 1+1=2
- 11. List any two characteristics that inspire entrepreneurs. 2
- 12. What is capsule? Name the two types of capsule. 1+1=2
- 13. State two important reasons of early and accurate diagnosis of infection. 2
- 14. Write two possible side effects of immunisation. 2
- 15. Write any two basic principles of physiotherapy. 2
- 16. Why is confidentiality of a patient's record important? Give two reasons. 2
- 17. Mention any two importance of green jobs. 2

**Answer the following questions in 60-100 words:**

- 18. **a.** Briefly explain any four types of bed in the hospital. 4  
**Or**
- b.** Briefly explain any four physical agents used in sterilization and disinfection.
- 19. **a.** Explain briefly the four types of intravenous injections. 4  
**Or**
- b.** Explain any four techniques of disposing of a medicine.
- 20. In what ways is biomedical waste management crucial in the protection of both environment and public health? Provide four reasons. 4
- 21. What is medical record? Briefly explain three benefits of accurate medical documentation.. 1+3=4

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