

2021

**HEALTHCARE (Vocational)OC**

Total marks : 50

Time : 2 hours

**General instructions :**

- i) *Approximately 15 minutes is allotted to read the question paper and revise the answers.*
- ii) *All questions are compulsory except Q. nos.18 to 23 where general option is given.*
- iii) *The question paper consists of 23 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. Which of the following laboratory conducts test relating to bacteria and the toxins produced by them?
  - (a) Bacteriology laboratory
  - (b) Clinical biochemistry laboratory
  - (c) Haematology laboratory
  - (d) Parasitology laboratory
- ii. The bed strength of the community health centre is
  - (a) 30 – 50
  - (b) 50 - 100
  - (c) 50 – 200
  - (d) 200 - 300
- iii. The hospital department that deals with the medical care of children.
  - (a) Anesthetics
  - (b) Gynaecology
  - (c) Pediatrics
  - (d) Neonatal
- iv. The care plan of a patient on admission should be initiated within
  - (a) 7 hours
  - (b) 8 hours
  - (c) 9 hours
  - (d) 10 hours
- v. The normal respiration rate of an adult ranges from
  - (a) 10 – 15 breaths per minute
  - (b) 11 – 16 breaths per minute
  - (c) 11 – 18 breaths per minute
  - (d) 12 – 16 breaths per minute
- vi. A person with very high temperature can be termed as
  - (a) Hypothermia
  - (b) Hyperthermia
  - (c) Hypertension
  - (d) Hypotension
- vii. Microbes found in skin are called
  - (a) Clostridium
  - (b) Aspergillus
  - (c) Candida
  - (d) Mycobacterium
- viii. The science that deal with the structures of the body and relationship of various parts of each other is known as
  - (a) Physiology
  - (b) Histology
  - (c) Cytology
  - (d) Anatomy
- ix. Neurology is the study of
  - (a) Tissues
  - (b) Nervous system
  - (c) Cells
  - (d) Muscles

- x. It is defined as a state of uneasiness and apprehension about future uncertainties.
  - (a) Stress
  - (b) Depression
  - (c) Anger
  - (d) Anxiety

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

- 2. Name any two supporting staff in a hospital. 1
- 3. What is the normal temperature of a human body? 1
- 4. What is a disease? 1
- 5. List any two human diseases that are caused by fungi. 1
- 6. What is histology? 1
- 7. Name the functional unit of kidney. 1
- 8. What are blood vessels? 1
- 9. Write the full form of EMS. 1

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

- 10. List any four medical departments in a hospital. 2
- 11. Write the important vital signs of the body. 2
- 12. What is hospital acquired infection? 2
- 13. Write any two purposes of first aid. 2
- 14. Suggest any four first aid measures that can be administered during fever. 2
- 15. Write any two functions of the nervous system. 2
- 16. Mention any four qualities required of a medical receptionist. 2
- 17. Differentiate between stress and anxiety. 2

**Answer any four from the following questions in 60-100 words:**

- 18. Explain how hospitals are categorized based on the level of medical care. 4
- 19. What is nutrition? Briefly explain nutritional status. 1+3=4
- 20. Mention the four major groups of microbes and explain any one of them. 1+3=4
- 21. Explain any four different types of hazards. 4
- 22. Briefly explain any four types of hospital. 4
- 23. Draw and label any four parts of human heart. 2+2=4

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