

# Class 12 Health Care 2025 Solved Paper

## SECTION A

### (Objective Type Questions) (30 Marks)

1. Answer any 4 out of the given 6 questions on Employability Skills.  $4 \times 1 = 4$

**(i) Which communication style focuses on the feelings and emotions of the communicator?**

- (A) Passive
- (B) Aggressive
- (C) **Assertive**
- (D) Reflective

**(ii) Which one of the following does not help to overcome a personality disorder?**

- (A) Talking to someone
- (B) Looking after one's physical health
- (C) Keeping a positive attitude
- (D) **Staying alone at home**

**(iii) \_\_\_\_\_ is a personality disorder that is characterized by extreme perfectionism, order, and neatness.**

- (A) Avoidant personality disorder
- (B) **Obsessive-compulsive personality disorder**
- (C) Dependent personality disorder
- (D) Narcissistic personality disorder

**(iv) Which bar is located at the top of OpenOffice Calc window?**

- (A) **Title Bar**
- (B) Menu Bar
- (C) Standard Bar
- (D) Formatting Bar

**(v) Which of the following is not a characteristic of Entrepreneurship?**

- (A) It is an economic activity done to create, develop and maintain a profit-oriented organisation.
- (B) It begins with identifying an opportunity as a potential to sell and make profit in the market.
- (C) It deals with optimization in the utilization of resources.
- (D) **It is the inability of an enterprise and an entrepreneur to take risks.**

**(vi) One of the best solutions to get rid of non-biodegradable waste is :**

- (A) Burning
- (B) Dumping
- (C) **Recycling**
- (D) Burying

2. Answer any 5 out of the given 7 questions.  $5 \times 1 = 5$

**(i) The basic purpose of documenting medical records is :**

- (A) **To provide better and evidence-based care**
- (B) Inaccurate and slow diagnosis
- (C) Repeated investigation
- (D) Poor communication among health professionals

**(ii) \_\_\_\_\_ gives legal protection to the General Duty Assistant (GDA) and other healthcare professionals of the institution.**

- (A) Discrete and inappropriate documentation
- (B) Inaccurate and incomplete documentation
- (C) Accurate and complete documentation
- (D) False and incomplete documentation

**(iii) Name the process by which a health care provider investigates the body of a patient for signs of disease.**

- (A) Health examination
- (B) **Physical examination**
- (C) Body examination
- (D) Overall examination

**(iv) The Graphic chart of T.P.R. represents :**

- (A) **Temperature, Pulse, Respiration rate**
- (B) Temperature, Pressure, Pulse rate
- (C) Temperature, Pulse rate
- (D) Temperature, Pressure, Respiration rate

**(v) \_\_\_\_\_ is the communication between the nursing staff during shift changeover periods regarding patient care.**

- (A) Admission note
- (B) Assessment note
- (C) Discharge note
- (D) **Change of shift report**

**(vi) \_\_\_\_\_ emphasizes the social and personal requirements of senior citizens who need some assistance with daily activities and health care, but who desire to live with dignity.**

- (A) Adolescent care
- (B) **Elderly care**
- (C) Child care
- (D) Adult care

**(vii) When GDA communicates with an elderly patient, he/she should :**

- (A) Speak loudly
- (B) **Speak slowly and clearly**
- (C) Keep information complex
- (D) Not allow patient to talk

*3. Answer any 6 out of the given 7 questions. 6x1=6*

**(i) Which of the following can help elderly people to communicate easily?**

- (A) **Eyeglasses and hearing aids**
- (B) Shoes and sticks
- (C) Dresses and pictures
- (D) Dark room

(ii) \_\_\_\_\_ is a problem related to bones.

- (A) Gout
- (B) Gastric ulcer
- (C) Pressure ulcer
- (D) Hair loss

(iii) \_\_\_\_\_ are the young children who begin to walk and toddle around the house.

- (A) Toddlers
- (B) Adolescents
- (C) Infants
- (D) Adults

(iv) They provide Simple Triage and Rapid Treatment (START) Triage for victims found at the scene, mark victims with category of injury as per the standard operating procedures, and assist the Fire Suppression Team or Rescue Team, if needed. Identify the team which helps in an emergency situation.

- (A) Medical Treatment Team
- (B) Medical Triage Team
- (C) Search and Rescue Team
- (D) Fire Suppression Team

(v) Human tissues, organs, or fluids, body parts and contaminated animal carcasses are \_\_\_\_\_ waste.

- (A) Chemical
- (B) Infectious
- (C) Pathological
- (D) Sharp

(vi) The waste generated from office, administrative offices, kitchen, laundry, and stores is \_\_\_\_\_ waste.

- (A) General
- (B) Chemical
- (C) Infected
- (D) Radioactive

(vii) \_\_\_\_\_ waste should not be mixed with other wastes.

- (A) Biomedical
- (B) General
- (C) Vegetable
- (D) Kitchen

4. Answer any 5 out of the given 6 questions.  $5 \times 1 = 5$

(i) Disposal of pharmaceutical wastes can be done \_\_\_\_\_ .

- (A) By Autoclaving
- (B) By Drainage
- (C) By Landfilling
- (D) In the same way as general waste

**(ii) Nosocomial infections are infections that have been acquired in a \_\_\_\_\_ and are potentially caused by organisms that are resistant to antibiotics.**

- (A) Home (B) School  
(C) **Hospital** (D) Laboratory

**(iii) This zone of the Operation Theatre connects the protective zone and the aseptic zone. Identify this zone of the Operation Theatre.**

- (A) **Clean zone** (B) Sterile/Aseptic zone  
(C) Protective zone (D) Disposal zone

**(iv) Who shall designate one of the senior administrative level deputies as Sister-in-Charge of hospital waste management, who shall be responsible for close monitoring of the activity?**

- (A) Medical Superintendent/Director  
(B) Officer-in-Charge of Waste Management  
(C) **Matron/Nursing Superintendent**  
(D) In-charge Sanitation Inspector

**(v) A/An \_\_\_\_\_ is a room within a hospital, in which surgical operations are carried out in sterile environment.**

- (A) OPD (B) Laboratory  
(C) Reception (D) **Operation Theatre**

**(vi) \_\_\_\_\_ zone includes operation rooms which are kept sterile.**

- (A) Clean zone (B) **Sterile zone/Aseptic zone**  
(C) Protective zone (D) Disposal zone

*5. Answer any 5 out of the given 6 questions. 5x1=5*

**(i) In this area, temperature between 18 °C and 22°C and humidity of 40% to 50% is maintained. Sterile drapes, sponges, gloves, gowns, and other ready-to-use items are stored in this unit. Identify the sub-area of the operation theatre.**

- (A) Staff room  
(B) Holding area for patients  
(C) Post Anesthesia Care Unit (PASU)  
(D) **Theatre Sterile Supply Unit (TSSU)**

**(ii) \_\_\_\_\_ covers a broad range of interventions before, during, and after a disaster to prevent, minimize the loss of life and property, and to accelerate recovery.**

- (A) Cost Management (B) Friendship Management  
(C) **Disaster Management** (D) Relationship Management

**(iii) This includes efforts to minimize the hazards created by a disaster. It includes search and rescue and emergency relief. The aim of this is to provide immediate assistance to maintain life, improve health, and support for the morale of the affected population.**

**Identify the phase of disaster management.**

- (A) Preparedness
- (B) Mitigation
- (C) **Response**
- (D) Recovery

**(iv) The full form of ADHD is \_\_\_\_\_.**

- (A) Attraction Deficit Hyperactive Disorder
- (B) Attraction Deficit Hypoactive Disorder
- (C) **Attention Deficit Hyperactive Disorder**
- (D) Attention Deficit Hypoactive Disorder

**(v) The team suppresses small fires in designated work areas and assists the search and rescue team or triage team. Identify the team that helps in emergency situations.**

- (A) Medical Treatment Team
- (B) Medical Triage Team
- (C) Search and Rescue Team
- (D) **Fire Suppression Team**

**(vi) \_\_\_\_\_ are provided inside the building, covering all the areas as per fire safety rules and regulations.**

- (A) Smoke hydrants
- (B) Water hydrants
- (C) **Fire hydrants**
- (D) Flame hydrants

*6. Answer any 5 out of the given 6 questions.  $5 \times 1 = 5$*

**(i) These systems monitor the production of certain spectrums of light produced by fire, one of these systems monitors infrared light, while others monitor ultraviolet light produced by the fire. Identify the type of detector.**

- (A) Light Emission Diode
- (B) Heat Detector
- (C) Smoke Detector
- (D) **Flame Detector**

**(ii) Your goal should be always manageable and achievable. You are motivated to achieve success to reach your goal if it is \_\_\_\_\_.**

- (A) **Realistic**
- (B) Unrealistic
- (C) Unmeasurable
- (D) Non-specific

**(iii) First, make sure the first person you manage every day is yourself. Take good care of yourself outside of work so that you bring your very best to work. And while you are at work, you should be all about the work. What is this skill which should be developed?**

- (A) Entrepreneurial skill
- (B) Self-management skill**
- (C) Communication skills
- (D) Green skill

**(iv) You probably have a lot of things to do, so assess how important and how urgent the tasks are; then make sure high-priority tasks get done first and are not put off on a regular basis. Identify the strategy of time management.**

- (A) Be specific
- (B) Priorities**
- (C) Sub-tasking
- (D) Structure the environment

**(v) \_\_\_\_\_ is the ability to think clearly and rationally about what to do or what to believe.**

- (A) Critical thinking**
- (B) Creative thinking
- (C) Interpretation
- (D) Analysis

**(vi) \_\_\_\_\_ is a reaction to some change that upsets our balance. It is a reaction to physical or mental changes in our life.**

- (A) Motivation
- (B) Stress**
- (C) Management
- (D) Skill

## **SECTION B**

### **(Subjective Type Questions) (30 Marks)**

*Answer any 3 out of the given 5 questions on Employability Skills. Answer each question in 20-30 words. 3x2=6*

**7. What are the stages of active listening?**

**Ans:** Receiving, Understanding, Remembering, Evaluation, Responding (Any four)

**8. How can one become result-oriented?**

- Ans:** (i) Set clear goals  
(ii) Prepare an action plan  
(iii) Use the right resources and tools  
(iv) Communicate with mentors and peers  
(v) Make a calendar  
(vi) Work hard (Any four).

**9. Write the steps to print a spreadsheet.**

**Ans:** To print a spreadsheet, the steps are :

1. Click File ► Print.
2. The Print dialog box will appear.
3. Select the printer, the range to be printed, and the number of copies.
4. Click the Print button.

**10. Explain any two qualities of an entrepreneur.**

**Ans:** (a) Initiative

(b) Willingness to take risks

(c) Ability to learn from experience

(d) Motivation, etc. (Any 2)

**11. Write any two benefits of green jobs.**

**Ans:** Green jobs help :

- (a) increase the efficiency of energy and raw material.
- (b) reduce greenhouse gas emissions.
- (c) control waste and pollution.
- (d) protect and restore ecosystems.
- (e) support adaptation to the effects of climate change. (any two)

*Answer any 3 out of the given 5 questions in 20-30 words each. 3x2=6*

**12. Enumerate two purposes for audit of a patient's record.**

**Ans:** Audit of patients' records serves two purposes,

- Quality assurance - As part of a quality assurance programme, healthcare agencies periodically conduct chart audits to determine whether or not the care provided meets the established standards of patient care.
- Reimbursement - The patient's record also serves as a document for the reimbursement process as well as a legal document of the patient's health status and the care received.

**13. How can infectious solid waste and chemical waste be disposed of in a proper way?**

**Ans:** Disposal of infectious solid waste: it is first treated and converted to non-hazardous waste which is then disposed of as general waste.

Disposal of chemical waste: Non-hazardous waste is disposed of as general waste and hazardous waste is first converted into non-hazardous waste and then disposed of as general waste.

**14. Which staff can help in the Operation Theatre in a hospital?**

**Ans:** The OT Staffing includes :

1. Doctors: Surgeons (from various surgical specialities like General Surgery, ENT Surgery, Orthopedics Surgery, etc.), anesthesiologists, and other ancillary medical staff like radiologists, pathologists, etc.
2. Nursing staff
3. OT Technicians
4. Other support staff: storekeeper, record keeper, nursing assistants, General Duty Assistants (GDA), sanitation staff, etc.

**15. Enumerate the common types of drills that are usually conducted in school.**

**Ans:** The common types of drills that are usually conducted are :

- Fire. drills.
- Drills on the use of rescue equipment like ropes and knots, stretchers, fire extinguishers, and first aid kits.

**16. Enumerate two stressors that cause a stress reaction.**

**Ans:** Some physical things that cause a stress reaction are :

- a cut, scrape, or burn on your finger
- any illness or disease

*Answer any 2 out of the given 3 questions in 30-50 words each. 2x3=6*

**17. Describe the following problems that can occur in elderly people :**

- (a) Appetite
- (b) Digestion
- (c) Vision and hearing

**Ans:** Problems occurring in elderly people:

- (a) Old adults do not have the same appetite that they had when they were younger. Their need for large amounts of food and calories is lowered. They may also not want to eat. If the sense of taste and smell are gone, they may not enjoy food as much as they did when they were younger.
- (b) As the human body ages, it slows down and it does not work as well as it did in the past. For example, digestion slows down. Foods that are eaten take longer to digest. It also takes longer to burn the calories that we eat.
- (c) Vision and hearing may also get poor as a person gets older. Many old patients and residents use eyeglasses, hearing aids, and devices as they get older.

**18. Write down the role of sterile or aseptic zone in an Operation Theatre.**

**Ans:** Sterile/Aseptic zone: It includes operating rooms that are kept sterile. This zone includes :

- (a) Operating room, Suite in particular
- (b) Scrubbing station/room and gowning area room,
- (c) Pre-Anesthesia room

- (d) Sterile Instruments trolley area. (Any 3)

**19. Enumerate the things that upset our mental balance and cause a stress reaction**

**Ans:** Things that upset our mental balance and cause the stress reaction are :

- Driving in traffic when you are in a hurry to get to work
- Having to finish caring for patients on time
- a conflict with a family member or a co-worker

*Answer any 3 out of the given 5 questions in 50- 80 words each. 3x4=12*

**20. Enumerate four points that are included in the history of the present illness.**

**Ans:** History of Present Illness

- Statement of health status
- Detailed description of chief complaints
- Positive and negative symptoms related to the chief complaint are based on the differential diagnosis the health care provider has developed.
- Emergency actions are taken, and patient responses are considered if relevant

**21. Enlist a few problems that can occur in adolescent patients.**

**Ans:** Some problems of typical adolescent patients include :

- Teens who are unable to focus at school.
- Adolescents who are not gaining weight or may have an eating disorder
- Teens with stomach pain who have seen other experts and are not getting better
- Teens with fatigue and dizziness who have missed over two weeks of school
- Adolescents who have some symptoms of depression or are withdrawing socially
- Young adults who are experiencing increasing anxiety (Any 4)

**22. How can infection be transmitted in a hospital?**

**Ans:** The routes of transmission of infection can be :

- (a) Airborne, for example, through inhalation of hospital dust.
- (b) Direct contact, for example, through abrasions on the skin or the mucous membrane.
- (c) Faeco-oral route, for example, through ingestion of food or water with contaminated hands.
- (d) Parenteral route during the process of injections and infusions.
- (e) Through equipment and materials. (Any 4)

**23. What are the different zones of an Operation Theatre?**

**Ans:**

1. Protective Zone: It is the outermost entry/exit zone of the OT complex. It includes:

- (a) Changing rooms for OT staff (doctors, nursing staff, and other support staff).
- (b) Patient's waiting area and reception

- (c) Rooms for administrative staff
  - (d) Stores and records room.
  - (e) Receiving area for various materials and equipment
2. Clean zone: It connects the protective zone to the aseptic zone. It includes:
- (a) Pre-operating room
  - (b) Recovery room
  - (c) Store room for sterile equipment and consumables.
3. Sterile/Aseptic zone: It includes operating rooms, which are kept sterile. This zone includes:
- (a) Operating room/suite in particular
  - (b) Scrubbing station/ room and gowning area/ room.
  - (c) Pre-Anesthesia room
  - (d) Sterile Instruments trolley area.
4. Disposal Zone: Areas in this zone include the dirty utility and disposal corridor. Disposal areas from the operating room and connecting corridors lead to the Disposal zone. The connecting corridors are outside the aseptic zone.

**24. How does the medical treatment team play an important role in an emergency situation?**

**Ans:** Medical Treatment Team (2 people) :

The team provides medical treatment to victims within the scope of their training. This task is normally accomplished in the Treatment Area; however, it may take place in the affected area as well. They may also assist the Fire Suppression Team and the Medical Triage Team if needed.

The team members must work under the supervision of the ERT team leader and communicate with him/her. Because every ERT member in a community receives the same core instructions, all team members have the training necessary to assume any of these roles. Hasty teams may be formed by whichever members are responding at the time. Members may need to adjust the team to maintain stress, fatigue, injury, or other circumstances.

BioSmartNotes