

# Class 12 Health Care Question Paper 2022 Solved

## SECTION A

### (Employability Skills)

*Answer any 3 questions out of the given 4 questions. 3x1=3*

**1. A manufacturer identifies the needs of customers and creates products or services to serve them. Such an entrepreneur is product-oriented, who starts through an industrial unit to create a product like electronic industry, textile unit, machine tools manufacturing unit, etc. Which type of entrepreneur is he ? 1**

**Ans:** Industrial entrepreneur.

**2. This is the ability to take charge and act in a situation before others. You have to believe that you realise that things are in control and you can take action in a given situation. Name this skill. 1**

**Ans:** Initiative.

**3. Write down the full form of CNG. 1**

**Ans:** Compressed Natural Gas.

**4. Under which policy did the Government of India, on 10th August, 2018, focus on initiatives for enhanced use of biomass? 1**

**Ans:** Biofuel Policy.

*Answer any 1 question out of the given 2 questions. 1x2=2*

**5. Ajay is working as a green design professional. What role does he play to protect the environment? 2**

**Ans:** He uses sustainable building materials and follows eco-friendly construction processes and green operations by using renewable resources.

**6. What are the key problems an entrepreneur may face while running a business ? 2**

**Ans:** While running a business, one problem or the other may arise every day. The entrepreneur has to be vigilant so as to identify the problems and solve them as early as possible. This requires hard work on the part of the entrepreneur. In some situations, the person may even have to work for the whole night.

## SECTION B

### (Subjective Specific Skills) (5+6+6=17 Marks)

*Answer any 5 questions out of the given 7 questions. 5x1=5*

**7. In this area, temperature between 18 to 22°C and humidity of 40 to 50% are maintained. Sterile drapes, sponges, gloves, gowns, and other ready-to-use items are stored in this unit. This area of OT is called as TSSU. Write down the full name of this area. 1**

**Ans:** Theatre sterile supply unit (TSSU).

**8. If the patient has spasm of bladder neck post-surgery, then how can the situation be dealt with to give relief to the patient? 1**

**Ans:** Through the application of a hot water bag to the lower abdomen.

**9. In which phase of disaster management are measures taken to generate resources for returning the community to normal? These measures may include temporary housing, grants, and medical care. 1**

**Ans:** Response.

**10. The team provides Simple Triage and Rapid Treatment (START) triage for victims found at the scene; marks victims with category of injury as per the standard operating procedures and assists the Fire Suppression Team or Rescue Team, if needed. Which kind of team is this, to help in Emergency? 1**

**Ans:** Medical Triage Team.

**11. The Government of India has also declared the NISA as a national-level institution for imparting training to the rapid response units. Write down the full form of NISA. 1**

**Ans:** National Industrial Security Academy.

**12. If you want to reduce stress in your life, you should believe in yourself and accept the things that you cannot change. What is this called? 1**

**Ans:** Positive attitude.

**13. By using this skill, you can 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, your work, that is. Which skill is this? 1**

**Ans:** Self-management.

*Answer any 3 questions out of the given 5 questions. 3x2=6*

**14. Enumerate the common medical equipment that is needed in any operation theatre. 2**

**Ans:**

- OT table(s) and OT lights
- Anesthesia machine(s)/ Workstations
- Patient monitors [Electrocardiography (ECG), Blood Pressure (BP), Oxygen saturation, etc, and Defibrillator(s)]
- Drugs and Drug Trolleys.
- Various surgical equipment is required for performing surgeries.

**15. After the surgical procedure, when the patient is shifted to a room, then what articles are kept ready near the bed, as per need ? 2**

**Ans:** The following equipment is kept ready in the recovery room:

- (a) Suction machine
- (b) Oxygen
- (c) Monitoring device (Pulseoximeter, BP, ECG)
- (d) Equipment for intravenous infusion
- (e) Blood transfusion equipment
- (f) Ventilators
- (g) Oxygen delivery devices
- (h) Cardiopulmonary resuscitation equipment and crash cart

**16. Enumerate the combination of three things which result in disaster. 2**

**Ans:** A disaster results from the combination of hazard, vulnerability, and insufficient capacity or measures to reduce the potential chances of risk. A disaster happens when a hazard impacts a vulnerable population and causes damage, casualties, and disruption.

**17. How can the smoke detector be helpful to detect smoke and toxic gases ? 2**

**Ans:** A smoke detector works by monitoring the air for particles of smoke, i.e., the minute particles produced by combustion. Smoke detectors do not detect flame, heat, or gases.

**18. As a human being you are living in society. What kind of social problems can arise due to stress? 2**

**Ans:** If we do not manage stress, it can lead to social problems such as

- get into conflict with others
- overreact to everyday things
- show a lack of interest in one's usual activities
- suffer a loss of relationship with family and friends
- lose a job due to bad performance

*Answer any 2 questions out of the given 4 questions. 2x3=6*

**19. After surgery, the patient is kept in recovery position to maintain the airway. Why is this important? 3**

**Ans:** Some patients are kept in the recovery position, which maintains their airway to prevent the following

- (a) Tongue falling back.
- (b) Aspiration of secretions
- (c) Aspiration or regurgitated stomach contents.

**20. Enumerate the common types of drills that are usually conducted. 3**

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

- 1. Fire drills.
- 2. Drills on the use of rescue equipment like ropes and knots, stretchers, fire extinguishers, and first aid kits.
- 3. Drills on the use of flotation devices.
- 4. Drills on the use of Personal Protection Equipment.

**21. If you discover fire at any place, then what action should you take? 3**

**Ans:** The person who discovers the fire should:

- Contact the telephone operator or the fire station immediately.
- Give his/her name, exact location, size, and type of fire.
- If the phone is not working, then break the glass of the nearby manual call box to activate the fire alarm.
- Remove all possible combustible material from the vicinity of the fire.
- With the assistance of colleagues, try to control the fire in the manner he/ she has been taught in the fire training, or wait until the fire fighting team arrives on the scene.

**22. List different activities which can help in your personal development. 3**

**Ans:** Personal development may include the following activities:

- Improving self-awareness
- Defining and executing personal development plans
- Improving self-knowledge
- Improving skills or learning new ones
- Developing strengths or talents
- Improving wealth
- Spiritual development
- Enhancing lifestyle or the quality of life
- Improving health
- Fulfilling aspirations
- Improving social abilities

## SECTION C

**(Competency-Based Questions) (2x4=8 Marks)**

*Answer any 2 questions out of the given 3 questions.*

**23. Janvi is a healthcare provider. She is working in a reputed hospital. She is responsible to prepare the patient before surgery. Mrs. Manju is admitted in hospital for appendicitis operation. Janvi has to get Mrs. Manju ready for the surgical procedure. Enumerate the points on how Janvi can prepare Mrs. Manju before the surgical procedure. 4**

**Ans:**

- The surgical site hair is usually removed.

- The patient is asked to take a bath including the surgical site.
- The patient is given a clean gown that opens on the back.
- Lipstick and nail polish are removed one day before.
- The head is covered with a triangular bandage or a cap so that all hairs are covered.
- Dentures, spectacles, or contact lenses, and ornaments are removed.
- 8. The patient is asked to pass urine before the operation.
- The drugs prescribed to be given pre-operatively are given.
- Appropriate records are maintained by the drug administration.

**24. This is a major precaution, which embodies the control of the source of heat and elimination or isolation of obviously dangerous fuels. Adhering to precautions saves not only consequential losses but also helps in maintaining continuity in operations. Enumerate some preventive measures that can be followed to get rid of fire. 4**

**Ans:** Some of the preventive measures that are to be followed strictly have been mentioned below:

- Do not compromise on implementing norms and standards.
- Develop a No-Smoking discipline.
- Do not leave liquid fuel unattended.
- Prevent unauthorized electrical connections and usage of unauthorized electrical apparatus.
- Store all fuels / flammable stores in a safe place.
- Establish a fire preparedness plan that takes care of prevention, response, and recovery, and keep it updated periodically.
- Designate an emergency coordinator and a team, and assign responsibilities to employees to initiate the plan.
- Keep your housekeeping up-to-date, preventing the accumulation of garbage or waste materials.
- Upgrade the facility to meet the required fire codes mentioned in the National Building Code (NBC) of India.
- Ensure a preventive maintenance programme for operational equipment and make sure that the equipment meets the specifications and standards.
- Develop a mutual programme with neighbouring establishments for such Emergencies.

**25. Everybody is increasingly aware of the cost of time. Individuals and departments are held accountable for their use of time. Goals are clearly defined, and financial penalties are incurred for missed deadlines. School culture can have an important influence on how students use their time. In too many schools, working long hours is equated with working hard. If you leave on time, you may often decrease efficiency and productivity. The rewards will be the ability to control your workload and more time to focus on the most important aspects of your activities.**

**What are the basic strategies to use time wisely? 4**

**Ans:**

- **Priorities:** 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 regularly.
- **Be specific:** Make the task as specific as possible.
- **Subtasking:** It is easy to do small tasks. Try breaking tasks down into smaller subtasks.
- **Use all available time:** This is a especially good strategy if you are pressed for time.
- **Structure the environment:** Find a place, preferably one you can use regularly and with limited distractions.
- **Establish a routine:** We are creatures of habit. Use time management and scheduling tools to establish a routine.

BioSmartNotes