

Health Care Question Paper 2023 Solved

SECTION A

(Objective Type Questions) (30 Marks)

1. Answer any 4 questions out of the given 6 questions on employability skills. 4x1=4

(i) Everyone likes to win in different aspects of life. _____ can be guided by the need for achievement and need for affiliation.

- (a) Physiological motivation
- (b) Psychological motivation
- (c) External motivation
- (d) Internal motivation**

(ii) Jyoti is very particular in all her work. She never accepts any mistake done by anyone, she gets angry in that. This is one kind of compulsive personality disorder that is characterized by extreme perfectionism, order, and neatness. Identify the type of personality disorder.

- (a) Paranoid
- (b) Antisocial
- (c) Dependent
- (d) Obsessive**

(iii) Name the bar that contains icons (buttons) to provide quick access to commands such as new, open, print, copy, and paste, etc.

- (a) Menu bar
- (b) Standard bar**
- (c) Title bar
- (d) Formatting bar

(iv) Extension of an OpenOffice Calc file is _____.

- (a) doc
- (b) odx
- (c) odp
- (d) odc**

(v) Which one of the following is not a barrier to becoming an entrepreneur?

- (a) Shortage of funds and resources
- (b) Fear of failure
- (c) Persistence**
- (d) Aversion to risk

(vi) Entrepreneurial behaviour requires certain knowledge, skills, or personality profile, and it is called :

(a) Fear of failure

(b) Entrepreneurial competencies

(c) Entrepreneurial capacity

(d) Entrepreneurial training

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

(i) When a patient is transferred to another facility, either temporarily or permanently, which kind of notes are written?

(a) Admission notes

(b) Assessment notes

(c) Discharge notes

(d) Transfer notes

(ii) This is a document which is sent by the hospital informing about a medico-legal case. Identify the document.

(a) Wound Certificate

(b) Accident-cum-Wound Register

(c) Discharge Certificate

(d) Police Intimation

(iii) This is usually maintained by the casualty medical officer recording the nature of wound and trauma. In case the patient requires medical certificate, it may have to be issued by the hospital. Identify the document.

(a) Wound Certificate

(b) Accident-cum-Wound Register

(c) Discharge Certificate

(d) Police Intimation

(iv) The purpose of documenting medical records is :

I. To provide better and evidence-based care

II. To avoid repeating investigation

III. To provide personalized care

IV. To improve application of health policy decisions

(a) I, II, and III

(b) II, III, and IV

(c) I, II, and IV

(d) I, II, III and IV

(v) All the records are filed according to the _____ custom, so that they can be traced easily.

(a) Patient

(b) Hospital

(c) Clinic

(d) Doctor

(vi) The doctor's orders regarding the medication, investigation, diet, etc, may be written on separate sheets. This is called :

(a) Graphic chart

(b) Consent form

(c) Doctor's order sheet

(d) Diet sheet

(vii) A _____ must follow every entry into a patient's record.

(a) Title

(b) Signature

(c) Name

(d) Date

3. Answer any 6 out of the given 7 questions. $6 \times 1 = 6$

(i) _____ 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) Elderly care

(b) Child care

(c) Adolescent care

(d) Adult care

(ii) As the human body ages, it slows down and 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. This leads to problems of the _____ system.

(a) Endocrine

(b) Muscular

(c) Digestive

(d) Sensory

(iii) Old people may not be able to learn new things as well as they did in the past. This can be due to:

(a) Poor hearing and sight

(b) Less ability to understand

(c) Less learning ability

(d) A short attention span

(iv) Mrs. Maya Devi, a 77-year-old lady, is suffering from the problem of cataract. She visited the ophthalmologist, and the doctor said that in elderly people, the most common problem of the eye is :

(a) Gout

(b) Bowel disorder

(c) Skin rash

(d) Vision impairment

(v) They begin to take care of themselves and do things on their own. They learn to control themselves and what they do. They learn how to walk around, feed themselves, use the toilet, and control their behaviour. They also want to be with their parents. They do not like people that they do not know. Identify the age group of the child in the given condition.

(a) 5 to 12 years

(b) 3 to 5 years

(c) 1 to 3 years

(d) Birth to 1 year

(vi) Many older adults are confused and not able to understand. This can be due to :

(a) Poor hearing and sight

(b) Less ability to understand

(c) Less learning ability

(d) A short attention span

(vii) As the body ages, the bones lose _____ and get weak, thin, and brittle.

(a) Magnesium

(b) Calcium

(c) Iron

(d) Manganese

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

(i) Syringes, needles, disposable needles, scalpels, and blades, etc. are _____ waste.

(a) Infectious

(b) Sharp

(c) Cytotoxic

(d) Pathological

(ii) Products contaminated by radionuclides, including radioactive diagnostic material or radiotherapeutic materials, and non-hazardous or general waste: waste that does not pose any particular biological, chemical, radioactive, or physical hazards. Identify the waste material.

- (a) Infectious waste
- (b) Radioactive waste**
- (c) Pharmaceutical waste
- (d) Chemical waste

(iii) 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

(iv) The overall responsibility of _____, along with the Infection Control Committee, is to implement the guidelines for hospital waste management and ensure that the waste is handled without any adverse effect on human health and environment.

- (a) Medical Superintendent (Director)**
- (b) Officer in charge of Waste Management
- (c) Heads/In-charge of Laboratory / Departments
- (d) Matron / Nursing Superintendent

(v) Hema is working in the hospital, and she is responsible for disposal of microbiological and biotechnological wastes. What process can be followed by Hema to dispose off these wastes?

- (a) Autoclaving**
- (b) Drainage
- (c) Landfilling
- (d) Same like general waste

(vi) Human tissues, organs, or fluids, body parts, and contaminated animal carcasses are _____ waste.

- (a) Infectious
- (b) Sharp
- (c) Cytotoxic
- (d) Pathological**

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

(i) _____ is the outermost entry/exit zone of the O.T. Complex.

- (a) Clean zone

(b) Sterile / Aseptic zone

(c) Protective zone

(d) Disposal zone

(ii) It contains a medication station, hand-washing station, nurse station, storage space for stretchers, supplies and monitors/equipment, and gas/suction outlets, and ventilator. Identify the sub-area of the Operation Theatre.

(a) Staff room

(b) Holding area for patient

(c) Post Anaesthetic Care Unit (PACU)

(d) Laboratory

(iii) _____ are mainly utilized by the surgical departments for conducting various surgeries with the help of anaesthetic department with other paramedical staff, the optimal management of various surgeries requires a team approach, including various departments and support units.

(a) OPD

(b) Laboratory

(c) Reception

(d) Operation Theatres

(iv) Moist _____ is given by face mask or nasal catheter, if the patient has undergone major problem of breathing.

(a) CO₂

(b) N₂

(c) SO₂

(d) O₂

(v) Electrocardiography (ECG), Blood Pressure (BP), oxygen saturation, etc., and Defibrillators are used in operation theatres as _____.

(a) Doctor monitors

(b) Patient monitors

(c) Nurse monitors

(d) Anaesthetic monitors

(vi) Why should we put screens around the patient's bed?

(a) To maintain privacy

(b) To reduce spasm

(c) To maintain position of patient

(d) To reduce pain

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

(i) _____ is often seen after abdominal surgery. This may cause uneasiness that the patient gradually reduces with early ambulation.

- (a) Headache
- (b) Flatulence**
- (c) Increased BP
- (d) Increased pulse rate

(ii) A/An _____ results from the combination of hazard, vulnerability, and insufficient capacity or measures to reduce the potential chances of risk.

- (a) Enjoyment
- (b) Picnic
- (c) Get-together
- (d) Disaster**

(iii) The _____ cycle illustrates the ongoing process by which governments, businesses, and civil societies plan for and reduce the impact of disasters, react during and immediately following a disaster, and take steps to recover after a disaster has occurred.

- (a) Cost management
- (b) Friendship management
- (c) Disaster management**
- (d) Relationship management

(iv) It includes plans, emergency exercises, or training and warning systems. Identify the phase of disaster management.

- (a) Preparedness**
- (b) Mitigation
- (c) Response
- (d) Recovery

(v) These events are usually conducted in schools, offices, factories, and other such facilities. These kinds of events usually depend on the possible emergencies that could occur in those areas. Identify the event.

- (a) Dances
- (b) Drills**
- (c) Dramas
- (d) Songs

(vi) 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

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. $3 \times 2 = 6$

7. Write down the differences between the following personality disorders :

Schizoid and Borderline

Ans: Schizoid personality disorder: The term 'schizoid' refers to the natural tendency to direct attention toward one's inner life away from the external world. A person with schizoid personality disorder is detached and aloof, and prone to introspection and fantasy. People with borderline personality disorder essentially lack a sense of self-worth and thus, experience feelings of emptiness and fears of abandonment. There is a pattern of emotional instability, violent outbursts, and impulsive behaviour.

8. Write down the differences between the following personality disorders :

Narcissistic and Avoidant

Ans: Narcissistic personality disorder: People with narcissistic personality disorder believe that they are more important than others. They lack empathy for other people and tend to exaggerate their own achievements.

Avoidant personality disorder: People with this type of disorder are socially inept, unappealing, or inferior, and constantly fear being embarrassed, criticised, or rejected. They avoid meeting others and often experience feelings of inadequacy, inferiority, or unattractiveness.

9. How can you protect your spreadsheet with a password?

Ans: The steps to protect a spreadsheet are as follows.

1. Click on Tools and select Protect Spreadsheet
2. A Protect Document dialog box appears
3. Type in a password.
4. Type the same password in the Confirm textbox.
5. Click on OK.

10. Explain interpersonal skills for an entrepreneur.

Ans:

- It is important to listen when someone talks. Listening with interest to what someone is saying helps build trust with the person.
- Facial expressions, gestures, and postures are important while working with people.
- Having a positive attitude is important while receiving and giving feedback.
- During a feedback conversation, it is important to speak positively.
- It is important to stay open-minded in a feedback conversation.

11. Mr. Brijesh wants to start a new business, but he has a fear of failure. Explain fear as a barrier.

Ans: The fear of failure causes self-doubt. One starts doubting oneself and may even feel like giving up. Self-doubt comes when we do not have confidence in ourselves and our abilities.

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

12. Enumerate the contents of transfer and discharge notes.

Ans: When a patient is transferred to another facility, either temporarily or permanently, a transfer note is written. This note may include the following:

- Reason for transfer
- Method of transportation
- Person giving and receiving the report
- Notification of the patient, including vital signs and treatments in progress.

A similar note is made when a patient is sent for a test within the same facility. When the patient returns to the unit, a similar note may be made.

13. How can infectious solid waste and chemical waste be disposed off properly?

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:

- Doctors: Surgeons (from various surgical specialities like General Surgery, ENT Surgery, Orthopedics Surgery, etc), Anaesthesiologists, and other ancillary medical staff like radiologists, pathologists, etc.
- Nursing staff
- OT Technicians

- Other support staff: like Store keeper, Record keeper, Nursing assistants, General Duty Assistants (GDA), sanitation staff, etc.

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

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.

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. Briefly discuss about the safety and security needs of elderly people.

Ans: Older adults who have a mental, sensory (eyes, ears), or physical loss are at greater risk and prone to accidents. An old patient who has poor vision and hearing is generally confused and has poor judgment. He is prone to slips, falls, cuts, bruises, etc.

Physical problems, confusion, loss of hearing and vision, poor judgment, and the inability to see danger when it exists are some of the reasons why healthcare providers must maintain a safe environment for the elderly.

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

Ans: It includes operation 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.

19. Enumerate the things that upset our mental balance and cause 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 the patient on time
- A conflict with a family member or co-worker

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

20. When Mrs. Roy was taken to the hospital, then a complete medical documentation process was done in the hospital. Why is documentation important in the medical field?

Ans: The purpose of documenting medical records is –

- i) To provide better and evidence-based care.
- ii) Accurate and fast diagnosis leading to better treatment at lower costs of care.
- iii) Avoid repeating investigations.
- iv) Provide personalized care.
- v) Improved application of health policy decisions.
- vi) Provide evidence for medico-legal decisions and disputes.
- vii) Effective communication among health professionals. All these translate into improved personal and public health.

21. Eyes are a very sensitive part of the body. Due to poor eyesight Mrs. Roy met with the accident. How can the family members of Mrs. Roy take care of her eyes?

Ans: Older persons, who have vision problems, need assistance with many activities of daily living (ADL), including dressing, walking, and eating. The need for safety, freedom from falls, and other injuries (cooking fires) is of utmost importance. Encourage older patients to have a regular, annual eye examination and use their eye drugs. The GDA should also observe and report any changes in the person's vision.

A special low vision programme helps patients use special things that help them to read, write, and do other things. For example, they may get special lighting, magnifiers, large print reading materials, computers that talk, clocks and watches that talk, and/or have larger numbers.

22. Pratyush is responsible for biomedical waste management process in a hospital. What methods or techniques can be adopted to dispose off the following types of waste?

(a) Sharp objects

(b) Microbiological or Biotechnological wastes

(c) Pharmaceutical wastes

(d) Radioactive wastes

Ans:

- (a) Sharp objects: Stored in puncture-proof containers
- (b) Microbiological or Biotechnological wastes: Autoclaving, hydroclaving, incineration, etc.
- (c) Pharmaceutical wastes: Incineration
- (d) Radioactive wastes: Following the guidelines issued by the Bhabha Atomic Research Centre (BARC)

23. Mrs. Roy has gone through a surgical process in hospital as she fractured her leg. How can the staff of the operation theatre be trained to be well-mannered?

Ans: Staff in the operation theatre is done through non-technical skills to help take care of Mrs. Roy. Patient safety is of utmost importance both before and after the surgical process. The healthcare provider is trained to work effectively as a member of a team and should possess skills like communication skills, leadership skills, interpersonal skills, coping with stress, etc. In addition, open communication and effective interdisciplinary teamwork would also help provide safety to the patient.

24. Pratyush is responsible to maintain drills in the hospital. How can the drills be beneficial?

Ans: Benefits of Drills

- Develop teamwork.
- Develop self-confidence.
- Prepare the crew for responding rapidly and effectively in an emergency situation.
- Prepare the crew to make decisions under pressure.
- Identify how procedures might be improved.
- Help the crew become familiar with the equipment and procedures, and whether they are working properly.

BioSmartNotes