

**CLASS : 12th (Sr. Secondary)**

**2091/2041**

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**MARKING INSTRUCTIONS AND MODEL ANSWERS**

**PATIENT CARE ASSISTANT**

National Skill Qualification Framework (NSQF)

**Level - 4**

(Only for Fresh Candidates)

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उप-परीक्षक मूल्यांकन निर्देशों का ध्यानपूर्वक अवलोकन करके उत्तर-पुस्तिकाओं का मूल्यांकन करें। यदि परीक्षार्थी ने प्रश्न पूर्ण व सही हल किया है तो उसके पूर्ण अंक दें।

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**General Instructions :**

- (i) *Examiners are advised to go through the general as well as specific instructions before taking up evaluation of the answer-books.*
- (ii) *Instructions given in the marking scheme are to be followed strictly so that there may be uniformity in evaluation.*
- (iii) *Mistakes in the answers are to be underlined or encircled.*
- (iv) *Examiners need not hesitate in awarding full marks to the examinee if the answer/s is/are absolutely correct.*

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**P. T. O.**

- (v) *Examiners are requested to ensure that every answer is seriously and honestly gone through before it is awarded mark/s. It will ensure the authenticity as their evaluation and enhance the reputation of the Institution.*
- (vi) *A question having parts is to be evaluated and awarded partwise.*
- (vii) *If an examinee writes an acceptable answer which is not given in the marking scheme, he or she may be awarded marks only after consultation with the head-examiner.*
- (viii) *If an examinee attempts an extra question, that answer deserving higher award should be retained and the other scored out.*
- (ix) *Word limit wherever prescribed, if violated up to 10%. On both sides, may be ignored. If the violation exceeds 10%, 1 mark may be deducted.*
- (x) *Head-examiners will approve the standard of marking of the examiners under them only after ensuring the non-violation of the instructions given in the marking scheme.*
- (xi) *Head-examiners and examiners are once again requested and advised to ensure the authenticity of their evaluation by going through the answers seriously, sincerely and honestly. The advice, if not headed to, will bring a bad name to them and the Institution.*

**महत्वपूर्ण निर्देश :**

- (i) अंक-योजना का उद्देश्य मूल्यांकन को अधिकाधिक वस्तुनिष्ठ बनाना है। अंक-योजना में दिए गए उत्तर-बिन्दु अंतिम नहीं हैं। ये सुझावात्मक एवं सांकेतिक हैं। यदि परीक्षार्थी ने इनसे भिन्न, किन्तु उपयुक्त उत्तर दिए हैं, तो उसे उपयुक्त अंक दिए जाएँ।
- (ii) शुद्ध, सार्थक एवं सटीक उत्तरों को यथायोग्य अधिमान दिए जाएँ।
- (iii) परीक्षार्थी द्वारा अपेक्षा के अनुरूप सही उत्तर लिखने पर उसे पूर्णांक दिए जाएँ।
- (iv) वर्तनीगत अशुद्धियों एवं विषयांतर की स्थिति में अधिक अंक देकर प्रोत्साहित न करें।
- (v) भाषा-क्षमता एवं अभिव्यक्ति-कौशल पर ध्यान दिया जाए।
- (vi) मुख्य-परीक्षकों/उप-परीक्षकों को उत्तर-पुस्तिकाओं का मूल्यांकन करने के लिए केवल Marking Instructions/ Guidelines दी जा रही हैं, यदि मूल्यांकन निर्देश में किसी प्रकार की त्रुटि हो, प्रश्न का उत्तर स्पष्ट न हो, मूल्यांकन निर्देश में दिए गए उत्तर से अलग कोई और भी उत्तर सही हो तो परीक्षक, मुख्य-परीक्षक से विचार-विमर्श करके उस प्रश्न का मूल्यांकन अपने विवेक अनुसार करें।

**SECTION – A**

|               |   |
|---------------|---|
| 1. 120        | 1 |
| 2. Adolescent | 1 |
| 3. Radiation  | 1 |
| 4. Blue bag   | 1 |

5. 5 1
6. 20 1
7. 40 1
8. 101 1
9. Stress is a reaction to physical and mental changes in our life. 1
10. Action based 1
11. The record which keeps track of medicines taken by the patient. 1
12. Physical 1
13. (i) Ionization smoke detectors  $\frac{1}{2} \times 2 = 1$   
(ii) Photoelectric smoke detectors.
14. Dirty utility and disposal corridor. 1
15. Waste removed during surgery/autopsy or other medical procedure. 1

**SECTION – B**

16. (i) **Police Intimation** : to the nearest police station.
- (ii) **Wound certificate** : on request by police
- (iii) **Discharge certificate** : Given on demand from the police for MLC cases.
- (iv) **Accident cumwound register** : Maintained by casualty medical officer.  $\frac{1}{2} \times 4 = 2$

17. Time of arrival, age, sex, how the client arrived, where the client came from, medical diagnosis chief complaint, general appearance, treatment in progress, allergies, vital signs & notification of physicaian. 2
18. (i) Bone lose calcium  
 (ii) Bones get weaker & thinner  
 (iii) Joints get less flexible & less mobile.  
 (iv) Disks of spine get smaller so some will have a curve in the spine.  $\frac{1}{2} \times 4 = 2$
19. (i) Aerial route i. e. through inhalation of hospital dust.  
 (ii) Direct contact i. e. through abrasions on skin or through mucous membrane.  
 (iii) Faeco-oral route for example, through injection of food.  
 (iv) Parenteral route i. e. through injections, infusions, of equipment & materials.  $\frac{1}{2} \times 4 = 2$
20. (i) **Disposal of infections solid waste** : It is first treated and converted to non-hazardous waste which is then disposed. 1  
 (ii) **Disposal of microbiological & biotechnological wastes** done by autoclaving, hydroclaving & microwave. 1
21. (i) Heart lung machine  
 (ii) Octopus multiparameter  
 (iii) Defibrillator, fibrillator & Hemotherm  
 (iv) ACT machine  $\frac{1}{2} \times 4 = 2$

- 22.** It comprises fires involving commercial cooking appliances with vegetable oils, animal oils at high temp. Wet potassium acetate, which is a low pH based extinguishing agent is used for extinguishing this class of fire. 2
- 23.** In this area temperature between 18 to 22°C is maintained. Sterile drapes, sponges, gloves, gown & other items ready to use are stored in this unit. Proper inventory of the items required are maintained in this unit. 2
- 24.** (i) Eyes are more able to see the lions.  
(ii) Muscles tense & strong so we could run  
(iii) Heart pumps more O<sub>2</sub> to become stronger & ablotorun  
(iv) Mind much more alert.  $\frac{1}{2} \times 4 = 2$
- 25.** (i) Inference : having the ability to understand & recognize what elements are needed to determine in accurate conclusion. 1  
(ii) Being able to evaluate the credibility of statements of a person's experience, judgement in order to measure the validity of information being presented. 1

#### SECTION – C

- 26.** Radioactive wastes are generated during the process of body organ imaging, tumour localigation & therapeutic processes. Solid radioactive waste are concentrated & storage under strict supervision in large container till it has deayed is principally used. Liquid from are generally diluted & dispersed in the sewers. Gaseous Radioactive waste can be diluted through dispersal in outside atmosphere. 3

- 27.** (i) Suction machine, oxygen, sphygmomanometer.  
(ii) Equipment for intravenous infusion, blood transfusion equipment Respirater.  
(iii) Railing cost, cardioscope, cardiopulmonary resuscitation equipment.  $1 \times 3 = 3$
- 28.** (i) High blood pressure, heart attack  
(ii) Headaches, neck pain, backache, cold, allergies, asthma.  
(iii) Weight loss, fatigue, loss or sleep or sleeping too much.  
(iv) Anger, low self esteem, no energy.  
(v) Moodiness, lack of an ability to concentrate on things.  $\frac{1}{2} \times 6 = 3$
- 29.** Recovery phase of disaster management includes measures taken to generate resource for returning the community to normal i. e. temporary housing, grants & medical care, restoring the infrastructure. Short term & long term measures are taken & to reduce the vulnerability of a population to a risk & plans for sustainable development. This include the promotion of sustainable likelihood & their protection & recovery during disasters. 3
- 30.** (i) Acts as overall incharge.  
(ii) Assesses the intensity & magnitude of fire, depute the fire fighting team to fire.  
(iii) Arrange to remove trapped person from the scene of fire.  
(iv) Decide evacuation of guests after consulting.

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- (v) General manager, corporate security.
- (vi) Ensure sufficient water, power, fire extinguishers & necessary equipment of fight the fire are available.  $\frac{1}{2} \times 6 = 3$

**SECTION – D**

- 31.** See Page No. 33 Student's work book level - 4  
Health Care Patient Care Assistant. 5

**OR**

See Page No. 35 Student's work book level - 4  
Health Care Patient Care Assistant.

- 32.** See Page No. 98-99 Student's work book level - 4  
Health Care Patient Care Assistant. 5

**OR**

See Page No. 115-116 Student's work book  
level - 4 Health Care Patient Care Assistant.



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