

**CLASS : 10th (Secondary)**

**4276/4228**

**Series : Sec. M/2019**

Total No. of Printed Pages : 8

**MARKING INSTRUCTIONS AND MODEL ANSWERS**

National Skills Qualification Framework (NSQF)

**PATIENT CARE ASSISTANT**

(Only for Fresh/Re-appear Candidates)

---

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।

---

**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.*

**4276/4228**

**P. T. O.**

( 2 )

**4276/4228**

- (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 upto 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.*

**4276/4228**

- (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 heeded to, will bring a bad name to them and the Institution.*
- 

**महत्त्वपूर्ण 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 है, 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. (b)   | 1 |
| 2. (a)   | 1 |
| 3. (a)   | 1 |
| 4. (a)   | 1 |
| 5. (c)   | 1 |
| 6. (c)   | 1 |
| 7. Bacteria  | 1 |
| 8. 301 to 1000 beds  | 1 |
| 9. Asthmatic attack  | 1 |
| 10. Antiseptics  | 1 |
| 11. Intensive care unit  | 1 |
| 12. To provide care and treatment to the sick.                                       | 1 |
| 13. A micro-organism that has potential to cause disease.                            | 1 |
| 14. Study of joints  | 1 |
| 15. Glands which release their secretions through ducts. ex. Salivary & sweat gland. | 1 |

**SECTION – B**

- 16.** (i) Surgery department  
(ii) Anesthesia  
(iii) Gynecology deptt.  
(iv) Pediatrics deptt.  
(v) Dentistry deptt.  
(vi) Nursing  
(vii) Emergency deptt.  
(viii) Internal diseases deptt.
- (any **four**)  $\frac{1}{2} \times 4 = 2$
- 17.** (i) Preventive & promotive health care.  
(ii) Consultation & investigation.  
(iii) Rehabilitation services & health education.  
(iv) Counselling.  $\frac{1}{2} \times 4 = 2$
- 18.** (i) Change of position is important to prevent circulation from getting sluggish & development of thrombosis.  
(ii) Don't use knee pillow for a long period. It causes chance of thrombosis & Embolism due to pressure on blood vessels.  $1 \times 2 = 2$
- 19.** (i) Full diet is a regular, well balanced & normal diet. It is either vegetarian or non-vegetarian.  
(ii) It is served for clients who do not require any modification.  $1 \times 2 = 2$

( 6 )

**4276/4228**

- 20.** (i) Vital signs are measurements of the body's most basic functions.  $\frac{1}{2} \times 2 = 1$
- (ii) (a) Body temperature & blood pressure  
(b) Pulse and respiration. 1
- 21. Multiple Sclerosis :** An auto immune disease affects the central nervous system i. e. brain, spinal cord & optic nerves fatty tissue surrounding the nerves is lost in many areas and when myelin is missing, the nerves cannot pass signals to and fro the brain, resulting in the symptoms of the disease. 2
- 22.** (i) Save the life of a victim before the arrival of a qualified medical expert.  
(ii) Lessen pain  
(iii) Help in early recovery  
(iv) Prevent condition from worsening  $\frac{1}{2} \times 4 = 2$
- 23.** (i) Niacin, Niacinamide  
(ii) 16.0 mg/day  $1 \times 2 = 2$
- 24.** (i) Deficiency of calcium result in hypocalcaemia (Muscle cramp, abdominal cramps, spasms & deep tendon reflexes).  
(ii) Excess calcium cause hypercalcaemia (Muscle weakness, constipation, impaired kidney function, iron deficiency) etc.  $1 \times 2 = 2$
- 25.** (i) Physicians prescribe medications & treatments on the computer & GDA transcribe. These orders on to paper for use in patient care.

**4276/4228**

(7)

4276/4228

- (ii) GDA may order medications or supplies on the computer.  $1 \times 2 = 2$

**SECTION – C**

26. (i) Collection & recording health status.  
(ii) Analysis of health status data.  
(iii) Priorities & action for care.  
(iv) Implementation of care plan.  
(v) Evaluation of care plan.  
(vi) Guide all who are involved in the care of a person & to provide appropriate treatment.

$$\frac{1}{2} \times 6 = 3$$

27. **Three** verities of the epidemiological triangle :

- (i) **The agent** : The agent causes the disease & the cause of the disease. The agent is a microbe.  
(ii) **The host** : Usually humans or animals which are exposed to and harbour a disease.  
(iii) **The environment** : The external factors that cause or allow disease transmission due to favourable surroundings external to the host that allow the disease to be transmitted.

$$1 \times 3 = 3$$

28. (i) Cut is an injury which forms an opening in the skin. 1

- (ii) (a) **Minor cuts** : Caused by sharp tools i. e. scissoer, regors, knives, pruners etc.

**First aid** : Clean the cut with clean water & then with salvon, apply antibiotic ointment & apply first aid bandage. 1

4276/4228

P. T. O.

(8)

4276/4228

(b) **Deep cuts** : These expose the underlying tissues & cause heavy bleeding.

**First Aid** : Stitching of tissues may be required. Tetanus toxoid injection should be given to prevent tetanus. 1

29. (i) Rabies may be caused by non-immunized dogs bite.
- (ii) **Symptoms** : Skin break, puncture, cuts, bleeding, swelling & redness of the area, oozing of fluid & in rabies, hydrophobia occur.
- (iii) Tetanus booster or Antibiotics/Antirabies injections are required.  $1 \times 3 = 3$
30. (i) Removal of waste product from the body (mainly urea and uric acid).
- (ii) Regulation of electrolyte balance & acid-base homeostasis.
- (iii) Controlling blood volume and maintaining blood pressure.  $1 \times 3 = 3$

**SECTION – D**

31. See Page No. **1-2** Student's work-book Health Care (Patient Care Assistant) Level - 2. 5

**OR**

See Page No. **18** Student's work-book Health Care (Patient Care Assistant) Level - 2. 5

32. See Page No. **152** Student's work-book Health Care (Patient Care Assistant) Level - 2. 5

**OR**

See Page No. **142** Student's work-book Health Care (Patient Care Assistant) Level - 2. 5

4276/4228