

CLASS : 10th (Secondary)

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MARKING INSTRUCTIONS AND MODEL ANSWERS

National Skills Qualification Framework (NSQF)

VISION TECHNICIAN

(Only for Fresh 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.
- (v) Examiners are requested to ensure that every answer is seriously and honestly gone through before it is awarded mark/s. It will

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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.*
 - (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.*
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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. (d) Anterior Chamber 1
2. Formatting 1
3. Operating 1
4. Functions 1
5. Malpractice 1
6. 6/6 1
7. Telephone 1
8. Graphical User Interface 1
9. Digital video offers full HD films & TV shows developed by Microsoft. 1
10. Short lived disease 1
11. Noun/Pronoun 1
12. Ability to express and interpret thoughts, feelings & facts in oral and written form 1
13. In the middle of retina is a simple dimple which is the center of eye's sharpest vision. 1
14. Specialists in medical and surgical problems of eye. 1
15. Time between infection & the appearance of symptoms. 1

SECTION – B

16. (i) Change of doctor $1 \times 2 = 2$
(ii) Get sick when away from home then the treatment becomes safer and quicker.
17. (i) Includes calculator, alarm clock $\frac{1}{2} \times 4 = 2$
(ii) Sound Recorder & Reading list
(iii) Food & drink, health & fitness
(iv) A file manager integrated in the sky drive app.
18. (i) Corneal nerve fibres 2
(ii) Debris beneath the contact lens
(iii) Conjunctival scars
19. (i) **Fixation reflexes** : Ability to fixate on a target that is moving when head is moving this reflex complements the VOR to stabilize the eyes. $1 \times 2 = 2$
(ii) Optokinetic : An involuntary fixation an objects that are moving in relationship to the head.
20. Ciliary body connects the choroid with iris, the part near the choroid is a smooth ciliary ring, whereas that near the iris is a ridged crown it contains ciliary muscles & ciliary processes & is lined by the ciliary part of the retina. 2
21. Horizontal eye movements are controlled by the medial & lateral rectus muscles (abduct & abduct the eyes, respectively). 2

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22. The Anterior segment is the front one third of the eye that includes st. in front of the vitreous humour i.e. cornea, iris, ciliary body & lens. Within the anterior segment are two fluid filled spaces.

23. (i) Hello ! $\frac{1}{2} \times 4 = 2$

(ii) Good morning/afternoon/evening

(iii) How do you do ?

(iv) My name is so & so. May I know your name.

24. (i) Negative language is dismissive. $1 \times 2 = 2$

(ii) Make the customer feel that you do not care about answering the question and helping him/or her.

25. (i) Identifying the needs of the customer. 2

(ii) Effective customer communication.

(iii) Addressing grievances.

SECTION – C

26. (i) Near point of convergence exercises. 3

(ii) Base out prism reading.

(iii) The wearing of convex lenses & Anti-suppression exercise.

(iv) Cawthome Cooksey exercise

27. (i) **Do's :**

(a) Focus on the caller $1\frac{1}{2}$

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- (b) If call is received at inconvenient time, offer to call back later.
- (ii) **Don't** : (a) Don't check your mail or do something else that will distract you from call & 3
- (b) Don't answer
- 28.** It is a system for transcribing sounds that occur in a language, whether oral or sign. The International phonetic alphabet provides a set of symbols for oral phones & enables its users to transcribe accurately & consistently the phones of different language, dialects & idiolects. I PA is useful tool not only for phonetic study but also for language teaching, speech pathology etc.
- 29.** The study of physical transmission of speech sounds from the speaker to the listener. The spectro temporal properties of the sounds waves produced by speech, such as their frequency, amplitude & harmonic structure. 3
- 30.** (i) Place cursor anywhere in column want to change & select table from the menu bar, choose select column from drop down menu & press enter. $1 \times 3 = 3$
- (ii) Select table from menu bar, choose all height & width from the drop down menu & press enter.
- (iii) Select tab labelled column & enters the desire width in the width of column field & click OK.
- (Student's can write an alternative method of changing width of columns.)

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SECTION – D

- 31.** See page No. **126** student's work book class X
Health care. (Vision Technician) 5

OR

See page No. **115** student's work book class X
Health care. (Vision Technician) 5

- 32.** See page No. **18** student's work book class X
Health care. (Vision Technician) 5

OR

See page No. **34-35** student's work book class X
Health care. (Vision technician) 5



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