

CLASS : 10th (Secondary)

3578/ 3530

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MARKING INSTRUCTIONS AND MODEL ANSWERS

AGRICULTURE-PADDY-FARMING

National Skills Qualification Framework (NSQF)

(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.
- (v) Examiners are requested to ensure that every answer is seriously and honestly gone through

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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.*
 - (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.*
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महत्त्वपूर्ण निर्देश :

- (i) अंक-योजना का उद्देश्य मूल्यांकन को अधिकाधिक वस्तुनिष्ठ बनाना है। अंक-योजना में दिए गए उत्तर-बिन्दु अन्तिम 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. (a) | 1 |
| 2. (b) | 1 |
| 3. (d) | 1 |

4. (d)	1
5. (a)	1
6. (d)	1
7. (b)	1
8. (a)	1
9. (d)	1
10. (b)	1
11. State farm corporation of India.	1
12. Muller	1
13. Ticks	1
14. Poultry	1
15. It is method of applying fumes for the purpose of disinfection.	1
16. Thrgidity	1
17. Rhizobium.	1
18. Chlorination.	1
19. Poly.	1

- 20.** Branding. 1
- 21.** Dual 1
- 22.** Culm 1
- 23.** Echinochloa crusgalli. 1
- 24.** Nilaparvata lugens. 1

SECTION – B

- 25.** (i) Multiplication is costlier.
- (ii) Control is very slow
- (iii) Success of control very limited. 2
- 26.** (i) Inspect for quality of seed.
- (ii) Check for the presence of moisture percentage of seeds.
- (iii) Check for insect infestation in seeds, raucid odour from seeds.
- (iv) Check for wet or damaged seeds. $\frac{1}{2} \times 4 = 2$
- 27.** (i) Use recommended quantity of chemical for seed treatment.
- (ii) Use hand gloves.

- (iii) Face should be covered with mask
- (iv) After completing seed treatment, hands should be washed with soap & lake warm water. 2
- 28.** When progeny of nucleus seed multiply in large area under supervision of plant breeder/SAUS. This is also hundred percent physical & genetically pure seed. A golden yellow certificate is issued by the breeder for this category of seeds. 2
- 29.** Specialized protective clothing and equipment are worn to prevent the contact with chemicals. Include overall, gloves, respirator, masks, boots etc. 2
- 30.** Hand Atomizer is a small spray pump useful for spraying in houses & kitchen gardens. Carries about one litre fluid. Pesticide solution is filled in tank & air pressure created with the help of built in pump. Spray fluid comes out from the nozzle. 2

SECTION - C

- 31.** (i) Potassium is necessary for formation of sugars, starches, carbohydrates, protein

synthesis & cell division in roots & other parts of the plant.

(ii) Adjust water balance, improve stem rigidity enhances colour & flavour of fruit & Vegetables crop.

(iii) Increase resistance in plants against drought, heat etc. $1 \times 3 = 3$

32. Predator is a free living animal & kills the host immediately. In water, Naiads eats mosquitoes larvae while the aduet eats mosquitoes in air. Aphids on cotton & mustard are eaten by lady bird bectle & their population reduced naturally. The predatory bird black myna is very active during rabiseason in chick pea fields to predate on the caterpillar of gram pod borer. 3

33. (i) Lack of interest in feed; depression, drop of milk yield, hard or mucous coated during.

(ii) Aimless movement, blindness, salivation.

(iii) Bellowing, frequent chewing is also noticed. Licking skin & other objects. head pressing.

$1 \times 3 = 3$

34. The houses should be well raised/elevated for the surrounding ground to offer a good slop for

rainfall and more drainage of farm wastes to avoid stragnation & spread of diseases. Low lands & depressions should be avoided while choosing a site for live stock farm. 3

SECTION - D

- 35.** See page No. **89** student's work book level 2
Agriculture. 6

OR

See page No. **81-82** student's work book level 2
Agriculture. 6

- 36.** See page No. **146-147** student's work book level **2**
Agriculture. 6

OR

See Page No. **161** Student's work book level 2
Agriculture. 6

