



केवल मूल्यांकनकर्ता के उपयोग हेतु!

माध्यमिक शिक्षा मण्डल, मध्यप्रदेश, भोपाल

32 पृष्ठीय

केवल परीक्षक द्वारा भरा जावे। प्रश्न क्रमांक के सम्मुख प्राप्तांकों की प्रविष्टि करें।

प्रश्न क्रमांक	पृष्ठ क्रमांक	प्राप्तांक (अंकों में)	प्रश्न क्रमांक	पृष्ठ क्रमांक	प्राप्तांक (अंकों में)
1			17		
2			18		
3			19		
4			20		
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परीक्षक एवं उपमुख्य परीक्षक द्वारा भरा जावे

परीक्षक एवं उपमुख्य परीक्षक द्वारा भरा जावे

प्रमाणित किया जाता है कि अन्दर के पृष्ठों के अनुरूप मुख्य पृष्ठ पर अंकों की प्रविष्टि एवं अंकों का योग सही है।
निर्धारित मुद्रा: नाम, पदनाम, मोबाईल नम्बर, परीक्षक क्रमांक एवं पदांकित संस्था के नाम की मुद्रा लगाएं।

उप मुख्य परीक्षक के निर्धारित मुद्रा

Akash Kumar G (Trainer)
V No 3286301
Govt. Martand (Exc.) H.S.S No 1 Rewa

परीक्षक के हस्ताक्षर एवं निर्धारित मुद्रा

Pankaj Singh Patel (VT) Agri
Govt. Ex. H.S.S. Gangeo, Rewa (M.P.)
V.N.-3242008. Mob.-9806926514

प्रश्न क्र.

Q.1 - Answers

i) Ans: B (C)

ii) Ans: F.Y.M. (b)

B iii) Ans: P (d)

E iv) Ans: 46% (c)

v) Ans: Phalaris minor (d)

vi) Ans: Sugarcane crop (b)

प्रश्न क्र.

Q.2 - Answer

i)

Ans:- Spawn

ii)

Ans:- Chlorophytum bonivalianum

B.iii)

Ans:- Mushroom

E.iv)

Ans:- lemon grass

v)

Ans:- Euphorbiaceae

vi)

Ans:- Gram



प्रश्न क्र.

Q3 - Answer

i)

Ans:-

True

ii)

Ans:-

False

B

iii)

S

True

E

Ans

True

iv)

Ans:-

False

v)

Ans:-

True

प्रश्न क्र.

8.4 - Answer

i)

Ans:- The pathogen of citrus canker of lemon - Xanthomonas citri

ii)

Ans:- Benzene Hexa Chloride

B iii)

S Ans:- 2,4 - Dichloro phenoxy acetic acid

E

iv)

Ans:- The pathogen of Armar's sterility disease is little insect - Mite
(Aceria cajani)

v)

Ans:- The origin of sugarcane - India / New Guinea



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Q.5 - Answer

- | | |
|-------------------|-------------------|
| i) Grapes | - Beauty Seedless |
| ii) Papaya | - Papen |
| iii) Mango | - C: N |
| iv) Euphorbiaceae | - Aonula |
| Guava | - Mng bahar |

Q.6 - Answer

The two advantages of weeds are -

Some weeds are used in fodder purpose for animal feeding like - Doob. Also in making vegetable - Bathua.

- ii) There are some weeds which are used in medicinal purpose. For ex:- Gokhru.

Q.7 - Answer

The two characteristics of well planned lawn are -

- i) There should be no empty space in the area of lawn



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it should be covered with green grass.

The well planed lawn looks beautiful and feel pleasant and there is not any bad smell in its grass.

Q.8 - Answer

The two disease of citrus fruit are -
 Citrus Canker
 Citrus Dieback

E

Q.9 - Answer

The names of two method for permanent preservation of fruits & vegetables -

- i) By sugar syrup :- In this method fruit are preserved permanently by mixing 65% - 66% sugar syrup to the fruits.
- ii) By salt solution :- In this method vegetable are preserved permanently by adding 15% salt solution to them.

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Q.10 - Answer

Blanching :- It is the method of preserving fruit and vegetable for long time. In this process fruits are immersed in boiling water for 3-5 minutes. It makes fruits soft and enhance their colour.

Q.11 - Answer

Two fundamental principles of Co-operation are :-

Equality :- In the Co-operation all the members are equal and no one is discriminated.

General welfare :- The Co-operation works for the welfare of all the members. Not for anyone's loss.

Q.12 - Answer

The two aims of land surveying are -

- 1. By the land surveying the certain area can be divided.
- 2. By the study of surveying agricultural activities can be done according to the proper slope of the land.



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Q.13 - AnswerManure

- i) Manure are organic substances.
- ii) ~~They provide all essential nutrient to soil & plant.~~
- iii) The increase soil water holding capacity.

Fertilizer

- Except urea all fertilizer are inorganic.
- They provide only two or three essential nutrients to soil.
- They have no effect on soil water holding capacity.

B
S
EQ.14 - Answer

- i) Nitrogenous fertilizer -
- a) urea - 46% Nitrogen
 - ~~b) Sodium nitrate - 16% Nitrogen~~
 - c) Calcium nitrate - 15% Nitrogen
- ii) Phosphatic fertilizer -
- a) Single super phosphate - 16% Phosphorus
 - ~~b) Double super phosphate - 32% Phosphorus~~
 - c) Triple super phosphate - 48% Phosphorus



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iii) Potassium fertilizer - a) Muriate of potash - 60% Potassium

Label A4ST-

b) Potassium nitrate - 44%

c) Potassium phosphate - 48-52%

Q.15 - Answer

The diseases of -

i) Sugarcane - Red rot

ii) Gram - wilt (ukhta)

iii) Pea - Powdery mildew

Q.16 - Answer

Grapes

Botanical Name - *Vitis vinifera*

Family - *Vitaceae*

Banana

Botanical name - *Musa paradisica*

Family - *Musaceae*



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~~Papaya~~ Botanical name - *Carica Papaya*
 Family - *Caricaceae*

Q.17 - Answer

B
S
E

Irrigation

i) It is the process of artificial means of supplying water to field to enhance crop production.

ii) In the irrigation soil water level increase.

iii) Irrigation water can be used for domestic purpose.

iv) The irrigation channels are made above the ground.

Drainage

It is the process of removal of excess gravitational water from field to enhance crop production.

In this soil water level decrease.

It can't be used for domestic purpose.

The drainage channels are made underground.



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Q.18 - Answer

Paddy - varieties :- Govind

oyabeen - varieties :- Ank. Ala

Q. 19 - Answer

B
S
E

Sexual Propagation

Asexual Propagation

5
7
1) Trees prepared by this method have longer life cycle.

Trees prepared by this have relatively short life cycle.

∴ These 1 ear fruit late.

Comparatively they bear fruits early.

iii) New Species Can be Prepared in this method.

New Species Can not be developed by this method.

In this methods plants prepared are large in size.

Plants prepared by this method are relatively short in size.

∴ It is not appropriate for commercial uses.

It is very useful for commercial aspects.



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Q:20 - Answer

The four characteristics of perfect Jelly are :-

- i) The Jelly should be transparent.
- ii) The good Jelly should have taste and aroma of fruit.
- iii) The Jelly should take shape of the vessel in which it is filled.
- iv) The Jelly should not be stick on finger when it is touched.

B

E