

National Testing Agency

Question Paper Name :	Principles of Seed Technology 30 Sep 2020 Shift 2
Subject Name :	Principles of Seed Technology
Creation Date :	2020-09-30 18:37:33
Duration :	180
Number of Questions :	100
Total Marks :	100
Display Marks:	Yes

Principles of Seed Technology

Group Number :	1
Group Id :	899514174
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

Principles of Seed Technology

Section Id :	899514240
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100

Section Marks : 100
Mark As Answered Required? : Yes
Sub-Section Number : 1
Sub-Section Id : 899514284
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 89951414729 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Use of good quality seed alone can contribute to _____% of yield

1. 50
2. 10
3. 20
4. 30

Options :

89951457479. 1
89951457480. 2
89951457481. 3
89951457482. 4

Question Number : 2 Question Id : 89951414730 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Kapas sorting is practiced in _____ seed production

1. Radish
2. Castor
3. Maize
4. Cotton

Options :

89951457483. 1
89951457484. 2
89951457485. 3
89951457486. 4

Question Number : 3 Question Id : 89951414731 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Seed vigor is an indicator of

1. Physical quality
2. Physiological quality
3. Seed health
4. Seed strength

Options :

89951457487. 1
89951457488. 2
89951457489. 3
89951457490. 4

Question Number : 4 Question Id : 89951414732 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

An example of spherical seed

1. Rice
2. Wheat
3. Peas
4. Beans

Options :

89951457491. 1
89951457492. 2
89951457493. 3
89951457494. 4

Question Number : 5 Question Id : 89951414733 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

An example of yellow coloured seed

1. Wheat
2. Soybean
3. Rice
4. Peas

Options :

89951457495. 1

89951457496. 2

89951457497. 3

89951457498. 4

Question Number : 6 Question Id : 89951414734 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Acid used for tomato seed extraction is

1. Sodium Hydroxide
2. Hydrochloric Acid
3. Nitric Acid
4. Acetic Acid

Options :

89951457499. 1

89951457500. 2

89951457501. 3

89951457502. 4

Question Number : 7 Question Id : 89951414735 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Under Seeds Act _____ is not a seed

1. Sugarcane sett
2. Chickpea
3. Banana corm
4. Hulled Rice

Options :

89951457503. 1

89951457504. 2

89951457505. 3

89951457506. 4

Question Number : 8 Question Id : 89951414736 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Physiological maturity in onion is noticed as

1. Black seeds exposed in umbel.
2. Umbel green in color
3. Umbel white in color
4. None of these

Options :

89951457507. 1
89951457508. 2
89951457509. 3
89951457510. 4

**Question Number : 9 Question Id : 89951414737 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Border crop helps in

1. Reduced contamination
2. Supplements male pollen
3. Prevents damage to main crop
4. All of the above

Options :

89951457511. 1
89951457512. 2
89951457513. 3
89951457514. 4

**Question Number : 10 Question Id : 89951414738 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Fusion of tube nuclei and polar bodies result in

1. Micropyle
2. Embryo
3. Cotyledon
4. Endosperm

Options :

89951457515. 1
89951457516. 2

89951457517. 3

89951457518. 4

Question Number : 11 Question Id : 89951414739 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Male parent plot of cotton must be isolated from female parent at distance of _____ meters

1. 3
2. 2
3. 5
4. 1

Options :

89951457519. 1

89951457520. 2

89951457521. 3

89951457522. 4

Question Number : 12 Question Id : 89951414740 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Fusion of male gamete and egg cell results in

1. Endosperm
2. Embryo
3. Seed
4. Raphe

Options :

89951457523. 1

89951457524. 2

89951457525. 3

89951457526. 4

Question Number : 13 Question Id : 89951414741 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An example of dicot seed is

1. Wheat
2. Rice
3. Oat
4. Chickpea

Options :

89951457527. 1
89951457528. 2
89951457529. 3
89951457530. 4

Question Number : 14 Question Id : 89951414742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Removal of fuzz from cotton seed using acid is called

1. Cleaning
2. Hair removal
3. Fuzz removal
4. Delinting

Options :

89951457531. 1
89951457532. 2
89951457533. 3
89951457534. 4

Question Number : 15 Question Id : 89951414743 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Integument is otherwise known as

1. Seed coat
2. Endosperm
3. Embryo
4. None of the above

Options :

89951457535. 1
89951457536. 2

89951457537. 3

89951457538. 4

Question Number : 16 Question Id : 89951414744 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Aspiration, scalping and grading are the basic principles involved in

1. Seed processing
2. Seed drying
3. Seed harvest
4. Seed storage

Options :

89951457539. 1

89951457540. 2

89951457541. 3

89951457542. 4

Question Number : 17 Question Id : 89951414745 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Outer seed coat is called

1. Testa
2. Tegmen
3. Perisperm
4. Husk

Options :

89951457543. 1

89951457544. 2

89951457545. 3

89951457546. 4

Question Number : 18 Question Id : 89951414746 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Marker is used to mark the presence of _____ row in hybrid seed production

1. Male parent
2. Female parent
3. Border row
4. Both male and female parent

Options :

89951457547. 1
89951457548. 2
89951457549. 3
89951457550. 4

**Question Number : 19 Question Id : 89951414747 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

In epigeal germination, the part that remains underground is

1. Root
2. Shoot
3. Cotyledon
4. None of these

Options :

89951457551. 1
89951457552. 2
89951457553. 3
89951457554. 4

**Question Number : 20 Question Id : 89951414748 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

An example of epigeal germinating seed is

1. Peas
2. Castor
3. Tur
4. Wheat

Options :

89951457555. 1
89951457556. 2

89951457557. 3

89951457558. 4

Question Number : 21 Question Id : 89951414749 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Chemical used for seed hardening in sunflower is

1. Borax
2. Manganese sulphate
3. Zinc sulphate
4. Sodium chloride

Options :

89951457559. 1

89951457560. 2

89951457561. 3

89951457562. 4

Question Number : 22 Question Id : 89951414750 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Dustoff means

1. Removal of chemical from seed surface
2. Infusion of chemical into seed
3. Coating seed
4. Removing seed

Options :

89951457563. 1

89951457564. 2

89951457565. 3

89951457566. 4

Question Number : 23 Question Id : 89951414751 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Fibrous root system emerges from _____ part of embryo

1. Scutellum
2. Micropyle
3. Mesocotyl
4. Coleorhiza

Options :

89951457567. 1
89951457568. 2
89951457569. 3
89951457570. 4

**Question Number : 24 Question Id : 89951414752 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Physiological maturity indice in castor

1. Cracking of capsule
2. Splitting of pods
3. Shedding of seeds
4. None of these

Options :

89951457571. 1
89951457572. 2
89951457573. 3
89951457574. 4

**Question Number : 25 Question Id : 89951414753 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Hard coat seed dormancy is noticed in

1. Rice
2. Wheat
3. Mustard
4. Redgram

Options :

89951457575. 1
89951457576. 2

89951457577. 3

89951457578. 4

Question Number : 26 Question Id : 89951414754 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Dormant seed is so called because it is

1. Dead
2. Broken
3. Alive but will not germinate
4. None of these

Options :

89951457579. 1

89951457580. 2

89951457581. 3

89951457582. 4

Question Number : 27 Question Id : 89951414755 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In hybrid seed production _____ row is harvested first

1. Male parent
2. Female parent
3. Male and Border row
4. None of these

Options :

89951457583. 1

89951457584. 2

89951457585. 3

89951457586. 4

Question Number : 28 Question Id : 89951414756 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Germinating seed requires water, soil, temperature and ____

1. Air
2. Nutrient
3. Urea
4. Super phosphate

Options :

89951457587. 1
89951457588. 2
89951457589. 3
89951457590. 4

**Question Number : 29 Question Id : 89951414757 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

In epigeal germination _____ pulls out the cotyledon

1. Epicotyl
2. Hypocotyl
3. Cotyledon
4. Root

Options :

89951457591. 1
89951457592. 2
89951457593. 3
89951457594. 4

**Question Number : 30 Question Id : 89951414758 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

The type of dormancy noticed in stored seeds is

1. Quiescence
2. Sleeping seeds
3. Dead Seeds
4. None of these

Options :

89951457595. 1
89951457596. 2

89951457597. 3

89951457598. 4

Question Number : 31 Question Id : 89951414759 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The process of removal of seed from cotton kapas is called

1. Ginning
2. Threshing
3. Beating
4. Nipping

Options :

89951457599. 1

89951457600. 2

89951457601. 3

89951457602. 4

Question Number : 32 Question Id : 89951414760 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An example of physical dormancy is

1. Imbibed seed
2. Hard seed
3. Dead seed
4. Broken seed

Options :

89951457603. 1

89951457604. 2

89951457605. 3

89951457606. 4

Question Number : 33 Question Id : 89951414761 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In physical dormancy, seeds cannot

1. Absorb water
2. Absorb air
3. Absorb nutrient
4. All of these

Options :

89951457607. 1
89951457608. 2
89951457609. 3
89951457610. 4

Question Number : 34 Question Id : 89951414762 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Exposing seeds to low temperature to promote germination is called

1. Thermal hardening
2. Stratification
3. Imbibition
4. Moistening

Options :

89951457611. 1
89951457612. 2
89951457613. 3
89951457614. 4

Question Number : 35 Question Id : 89951414763 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Leaching is a method to remove

1. Store seeds
2. Dormancy
3. Cooking seeds
4. None of these

Options :

89951457615. 1
89951457616. 2

89951457617. 3

89951457618. 4

Question Number : 36 Question Id : 89951414764 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The acid used for cotton delinting is

1. Conc. Sulphuric acid
2. Conc. Nitric acid
3. Conc. Acetic acid
4. Conc. Hydrochloric acid

Options :

89951457619. 1

89951457620. 2

89951457621. 3

89951457622. 4

Question Number : 37 Question Id : 89951414765 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

A method of dormancy removal by exposing seeds to running water is called

1. Scarification
2. Acid scarification
3. Breaking seed coat
4. Leaching

Options :

89951457623. 1

89951457624. 2

89951457625. 3

89951457626. 4

Question Number : 38 Question Id : 89951414766 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

_____ acid is used for scarification

1. Formic acid
2. Nitric acid
3. Sulphuric acid
4. Acetic acid

Options :

89951457627. 1
89951457628. 2
89951457629. 3
89951457630. 4

Question Number : 39 Question Id : 89951414767 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Seed senescence is commonly known as

1. Seed germination
2. Seed ageing
3. Seed dormancy
4. Seed hardening

Options :

89951457631. 1
89951457632. 2
89951457633. 3
89951457634. 4

Question Number : 40 Question Id : 89951414768 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Isolation distance for hybrid rice seed production is _____ meters

- 1.3
- 2.10
- 3.100
- 4.50

Options :

89951457635. 1
89951457636. 2

89951457637. 3

89951457638. 4

Question Number : 41 Question Id : 89951414769 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

An example of microbiotic seed is

1. Urd
2. Chickpea
3. Soybean
4. Lentil

Options :

89951457639. 1

89951457640. 2

89951457641. 3

89951457642. 4

Question Number : 42 Question Id : 89951414770 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Mesobiotic seeds can live for

1. 2-3 years
2. Below 1 year
3. Above 10 years
4. Very long time

Options :

89951457643. 1

89951457644. 2

89951457645. 3

89951457646. 4

Question Number : 43 Question Id : 89951414771 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Extrinsic causes for seed deterioration are

1. Humidity
2. Pest
3. Fungi
4. All of these

Options :

89951457647. 1
89951457648. 2
89951457649. 3
89951457650. 4

Question Number : 44 Question Id : 89951414772 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Seed quality includes physical, physiological, genetical and

1. Seed moisture
2. Seed health
3. Seed purity
4. Seed germination

Options :

89951457651. 1
89951457652. 2
89951457653. 3
89951457654. 4

Question Number : 45 Question Id : 89951414773 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Physical purity means

1. Free from pest and diseases
2. Free from dust, broken and debris
3. High germination
4. Large seeds

Options :

89951457655. 1
89951457656. 2

89951457657. 3

89951457658. 4

Question Number : 46 Question Id : 89951414774 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Physiological quality is indicated by

1. High germination
2. High moisture
3. Large seeds
4. Better looking seeds

Options :

89951457659. 1

89951457660. 2

89951457661. 3

89951457662. 4

Question Number : 47 Question Id : 89951414775 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Right seed moisture, free from broken seeds, similar sized seeds are indication of

1. Physiological quality
2. Seed health
3. Free from pests
4. Physical purity

Options :

89951457663. 1

89951457664. 2

89951457665. 3

89951457666. 4

Question Number : 48 Question Id : 89951414776 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

During maize hybrid seed production, shedding tassel is noticed in

1. Maize female parent
2. Maize male parent
3. Both Male and Female parent
4. None of these

Options :

89951457667. 1
89951457668. 2
89951457669. 3
89951457670. 4

Question Number : 49 Question Id : 89951414777 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mechanical method of chilli extraction uses

1. Beating with stick
2. Water
3. Acid
4. Alkali

Options :

89951457671. 1
89951457672. 2
89951457673. 3
89951457674. 4

Question Number : 50 Question Id : 89951414778 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An example of recalcitrant seed is

1. Groundnut
2. Chickpea
3. Coconut
4. Mustard

Options :

89951457675. 1
89951457676. 2

89951457677. 3

89951457678. 4

Question Number : 51 Question Id : 89951414779 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ is an abiotic factor that affects seed production

1. Temperature
2. Pest
3. Bacteria
4. Weed

Options :

89951457679. 1

89951457680. 2

89951457681. 3

89951457682. 4

Question Number : 52 Question Id : 89951414780 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Mechanical method of breaking pods to remove seeds in groundnut is called

1. Pod breaking
2. Decortication
3. Shelling
4. Threshing

Options :

89951457683. 1

89951457684. 2

89951457685. 3

89951457686. 4

Question Number : 53 Question Id : 89951414781 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Rain during seed maturation leads to

1. Higher seed set
2. Large seed
3. Fungal infection
4. Dry seed

Options :

89951457687. 1
89951457688. 2
89951457689. 3
89951457690. 4

Question Number : 54 Question Id : 89951414782 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Whiptail is caused due to the deficiency of _____ element in crucifers

1. Nitrogen
2. Potassium
3. Calcium
4. Molybdenum

Options :

89951457691. 1
89951457692. 2
89951457693. 3
89951457694. 4

Question Number : 55 Question Id : 89951414783 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Rainfall during maturity causes bleached seeds in _____

1. Radish
2. Carrot
3. Peas
4. Beans

Options :

89951457695. 1
89951457696. 2

89951457697. 3

89951457698. 4

Question Number : 56 Question Id : 89951414784 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Alkali bee is essential for seed set in _____

1. Alfalfa
2. Carrot
3. Sorghum
4. Greengram

Options :

89951457699. 1

89951457700. 2

89951457701. 3

89951457702. 4

Question Number : 57 Question Id : 89951414785 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Staggered sowing is a method of _____ isolation

1. Distance
2. Time
3. Physical
4. Physiological

Options :

89951457703. 1

89951457704. 2

89951457705. 3

89951457706. 4

Question Number : 58 Question Id : 89951414786 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Deficiency of _____ element causes Marshspot in peas

1. Boron
2. Nitrogen
3. Manganese
4. Calcium

Options :

89951457707. 1
89951457708. 2
89951457709. 3
89951457710. 4

Question Number : 59 Question Id : 89951414787 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Act of removing plants that do not obey seed crop specifics is known as

1. Cutting
2. Weeding
3. Rouging
4. Harvesting

Options :

89951457711. 1
89951457712. 2
89951457713. 3
89951457714. 4

Question Number : 60 Question Id : 89951414788 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Presence of B line in A line is called

1. Partial
2. Pollen shedder
3. Rogue
4. R line

Options :

89951457715. 1

89951457716. 2

89951457717. 3

89951457718. 4

Question Number : 61 Question Id : 89951414789 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Halo priming means infusing seeds with

1. Acid
2. Alkali
3. Salt solutions
4. Alcohol

Options :

89951457719. 1

89951457720. 2

89951457721. 3

89951457722. 4

Question Number : 62 Question Id : 89951414790 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mechanical admixture will result in production of _____ in field

1. Diseased plants
2. Dead plants
3. Pest infected plants
4. Volunteers

Options :

89951457723. 1

89951457724. 2

89951457725. 3

89951457726. 4

Question Number : 63 Question Id : 89951414791 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cob sorting is practiced in _____ seed production

1. Radish
2. Castor
3. Cotton
4. Maize

Options :

89951457727. 1
89951457728. 2
89951457729. 3
89951457730. 4

Question Number : 64 Question Id : 89951414792 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Xenia is noticed in

1. Maize
2. Ragi
3. Sorghum
4. Cumbu

Options :

89951457731. 1
89951457732. 2
89951457733. 3
89951457734. 4

Question Number : 65 Question Id : 89951414793 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In rice hybrid seed production, shy exertion is noticed in

1. A line
2. B line
3. R line
4. None of these

Options :

89951457735. 1
89951457736. 2

89951457737. 3

89951457738. 4

Question Number : 66 Question Id : 89951414794 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

B line is also known as

1. Male sterile line
2. Male fertile line
3. R line
4. None of these

Options :

89951457739. 1

89951457740. 2

89951457741. 3

89951457742. 4

Question Number : 67 Question Id : 89951414795 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Male to female ratio in hybrid rice seed production is

1. 1:4
2. 1:6
3. 2:8
4. 1:2

Options :

89951457743. 1

89951457744. 2

89951457745. 3

89951457746. 4

Question Number : 68 Question Id : 89951414796 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A machine that removes awns from oat seed is called

1. Delinter
2. Ginning machine
3. Deawner
4. Decoater

Options :

89951457747. 1
89951457748. 2
89951457749. 3
89951457750. 4

Question Number : 69 Question Id : 89951414797 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The chemical used for rice seed hardening is

1. Sodium chloride
2. Potassium chloride
3. Potassium sulphate
4. Potassium nitrate

Options :

89951457751. 1
89951457752. 2
89951457753. 3
89951457754. 4

Question Number : 70 Question Id : 89951414798 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Staggering of R line is practiced in hybrid rice seed production to bring about

1. Synchronization
2. Hardening
3. Maturation
4. Pest control

Options :

89951457755. 1

89951457756. 2

89951457757. 3

89951457758. 4

Question Number : 71 Question Id : 89951414799 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Border rows of hybrid rice seed production plot is planted with

1. R line
2. A line
3. B line
4. Both A and R line

Options :

89951457759. 1

89951457760. 2

89951457761. 3

89951457762. 4

Question Number : 72 Question Id : 89951414800 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Emasculation is explained as the removal of _____ in cotton female parent flower

1. Petal
2. Sepal
3. Staminal Column
4. Stigma

Options :

89951457763. 1

89951457764. 2

89951457765. 3

89951457766. 4

Question Number : 73 Question Id : 89951414801 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Detasseling is followed in _____ hybrid seed production

- 1.Cumbu
- 2.Sorghum
- 3.Johnsons grass
4. Maize

Options :

89951457767. 1
89951457768. 2
89951457769. 3
89951457770. 4

Question Number : 74 Question Id : 89951414802 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A method of supplementary pollination in rice hybrid seed production is

1. Applying urea
2. Irrigation
3. Rope pulling
4. All of these

Options :

89951457771. 1
89951457772. 2
89951457773. 3
89951457774. 4

Question Number : 75 Question Id : 89951414803 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Beneficial bacteria used for sorghum seed treatment is

1. Azatobacter
2. Rhizobium
3. Azosprillum
4. All of these

Options :

89951457775. 1
89951457776. 2

89951457777. 3

89951457778. 4

Question Number : 76 Question Id : 89951414804 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The best temperature to dry seed is

1.10°C

2.20°C

3.50°C

4.35°C

Options :

89951457779. 1

89951457780. 2

89951457781. 3

89951457782. 4

Question Number : 77 Question Id : 89951414805 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Preharvest sanitation spray is advocated to

1. Reduce field pest infection

2. Increase seed set

3. Rouging

4. Improve pollination

Options :

89951457783. 1

89951457784. 2

89951457785. 3

89951457786. 4

Question Number : 78 Question Id : 89951414806 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An example of protogynous plant is

1. Cumbu (Pearl millet)
2. Redgram
3. Sorghum
4. Rice

Options :

89951457787. 1
89951457788. 2
89951457789. 3
89951457790. 4

**Question Number : 79 Question Id : 89951414807 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Jerking in cumbu is practiced to improve

1. Synchronization
2. Flowering
3. Prevent pest damage
4. Prevent disease damage

Options :

89951457791. 1
89951457792. 2
89951457793. 3
89951457794. 4

**Question Number : 80 Question Id : 89951414808 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Ribbed gourd seed extraction is

1. Wet extraction
2. Dry extraxcion
3. Alkali method
4. Acid method

Options :

89951457795. 1
89951457796. 2

89951457797. 3

89951457798. 4

Question Number : 81 Question Id : 89951414809 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An example of live marker is

1. Flag
2. Stick
3. Aluminum foil
4. Sunflower

Options :

89951457799. 1

89951457800. 2

89951457801. 3

89951457802. 4

Question Number : 82 Question Id : 89951414810 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Salt water is used to remove _____ in cumbu seeds

1. Damaged seeds
2. Dead seeds
3. Ergo sclerotia
4. Dormant seeds

Options :

89951457803. 1

89951457804. 2

89951457805. 3

89951457806. 4

Question Number : 83 Question Id : 89951414811 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Seed biopriming involves soaking seeds in

1. Chemicals
2. Acid
3. Biocontrol agents
4. None of these

Options :

89951457807. 1

89951457808. 2

89951457809. 3

89951457810. 4

Question Number : 84 Question Id : 89951414812 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Presence of R line in B line is called

1. Rogue
2. Pollen shedder
3. Off type
4. A line

Options :

89951457811. 1

89951457812. 2

89951457813. 3

89951457814. 4

Question Number : 85 Question Id : 89951414813 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Male inflorescence in maize is called

1. Spike
2. Panicle
3. Tassel
4. Cob

Options :

89951457815. 1

89951457816. 2

89951457817. 3

89951457818. 4

Question Number : 86 Question Id : 89951414814 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Pod inspection is a certification procedure practiced in seed production of _____ crop

1. Rice
2. Wheat
3. Groundnut
4. Pearl millet

Options :

89951457819. 1

89951457820. 2

89951457821. 3

89951457822. 4

Question Number : 87 Question Id : 89951414815 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Embryo, Endosperm, Coleoptyle, Coleorhiza are parts of _____

1. Dicot seed
2. Monocot seed
3. Seedling
4. Tissue

Options :

89951457823. 1

89951457824. 2

89951457825. 3

89951457826. 4

Question Number : 88 Question Id : 89951414816 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Heavy rainfall during pod maturation causes off colored seeds in

1. Groundnut
2. Soghum - Jowar
3. Pulses
4. Tomato

Options :

89951457827. 1
89951457828. 2
89951457829. 3
89951457830. 4

Question Number : 89 Question Id : 89951414817 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mosaic infected seeds of greengram are _____ in color

1. Yellow
2. Black
3. Red
4. Green

Options :

89951457831. 1
89951457832. 2
89951457833. 3
89951457834. 4

Question Number : 90 Question Id : 89951414818 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Most important pest in blackgram seed storage is

1. Weevil
2. Moth
3. Bruchid
4. Wasp

Options :

89951457835. 1
89951457836. 2

89951457837. 3

89951457838. 4

Question Number : 91 Question Id : 89951414819 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In Genetic male sterility system of Redgram, female parent segregates as sterile and fertile parents in the ratio of

1. 1:2
2. 1:4
3. 1:1
4. 1:3

Options :

89951457839. 1

89951457840. 2

89951457841. 3

89951457842. 4

Question Number : 92 Question Id : 89951414820 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Tick the best method of generation system of seed multiplication

1. B,F,C
2. C, B,F
3. F,B,C
4. B,C,F

Options :

89951457843. 1

89951457844. 2

89951457845. 3

89951457846. 4

Question Number : 93 Question Id : 89951414821 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Flower drop in pulses can be arrested by spraying

1. IAA
2. NAA
3. GA
4. MH

Options :

89951457847. 1
89951457848. 2
89951457849. 3
89951457850. 4

Question Number : 94 Question Id : 89951414822 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In groundnut variety seed production, the number of stages, seeds can be multiplied is

1. 1
2. 2
3. 5
4. 3

Options :

89951457851. 1
89951457852. 2
89951457853. 3
89951457854. 4

Question Number : 95 Question Id : 89951414823 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Live seed separation is a method followed in _____ crop

1. Redgram
2. Blackgram
3. Groundnut
4. Maize

Options :

89951457855. 1
89951457856. 2

89951457857. 3

89951457858. 4

Question Number : 96 Question Id : 89951414824 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Field inspection is the process of

1. Inspection for pest
2. Inspection for irrigation
3. Inspection of soil
4. Inspection seed field by certification officer

Options :

89951457859. 1

89951457860. 2

89951457861. 3

89951457862. 4

Question Number : 97 Question Id : 89951414825 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Darkened plumule is caused by calcium deficiency in

1. Maize
2. Pearl millet
3. Chickpea
4. Groundnut

Options :

89951457863. 1

89951457864. 2

89951457865. 3

89951457866. 4

Question Number : 98 Question Id : 89951414826 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The three line method of hybrid seed production involves

1. A, B, and R line
2. A, B, and B line
3. A, R and R line
4. All of these

Options :

89951457867. 1
89951457868. 2
89951457869. 3
89951457870. 4

Question Number : 99 Question Id : 89951414827 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Indication of physiological maturity in sunflower is

1. Thalamus turns bron
2. Thalamus turns black
3. Thalamus turns yellow
4. Thalamus remains green

Options :

89951457871. 1
89951457872. 2
89951457873. 3
89951457874. 4

Question Number : 100 Question Id : 89951414828 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Seed grading improves

1. Seed size
2. Reduces contamination
3. Removes broken seed
4. All of these

Options :

89951457875. 1
89951457876. 2

89951457877.3

89951457878.4