

National Testing Agency

Question Paper Name :	Agricultural Entomology 17th September Shift 2
Subject Name :	Agricultural Entomology
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Display Marks:	Yes

Agricultural Entomology

Group Number :	1
Group Id :	19088980
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A: General Knowledge

Section Id :	190889164
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889204
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 1908898902 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the device used to measure the power and speed of the wind?

1. Avometer
2. Anemometer
3. Airometer
4. Aviontimeter

Options :

19088935501. 1

19088935502. 2

19088935503. 3

19088935504. 4

Question Number : 2 Question Id : 1908898903 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Optical fibre used the concept of which of the following?

1. Reflection
2. Refraction
3. Total internal reflection
4. Total internal refraction

Options :

- 19088935505. 1
- 19088935506. 2
- 19088935507. 3
- 19088935508. 4

Question Number : 3 Question Id : 1908898904 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Yellow vein mosaic is the viral disease of which of the following plants?

- 1. Ladyfinger
- 2. Papaya
- 3. Sugarcane
- 4. Banana

Options :

- 19088935509. 1
- 19088935510. 2
- 19088935511. 3
- 19088935512. 4

Question Number : 4 Question Id : 1908898905 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following organ(s) is affected by Mumps disease?

- 1. Entire body
- 2. Skin
- 3. Eye
- 4. Parotid

Options :

- 19088935513. 1
- 19088935514. 2
- 19088935515. 3

19088935516. 4

Question Number : 5 Question Id : 1908898906 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the chemical name of vitamin B₂?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

Options :

19088935517. 1

19088935518. 2

19088935519. 3

19088935520. 4

Question Number : 6 Question Id : 1908898907 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

Options :

19088935521. 1

19088935522. 2

19088935523. 3

19088935524. 4

Question Number : 7 Question Id : 1908898908 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

Options :

19088935525. 1

19088935526. 2

19088935527. 3

19088935528. 4

Question Number : 8 Question Id : 1908898909 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

Options :

19088935529. 1

19088935530. 2

19088935531. 3

19088935532. 4

Question Number : 9 Question Id : 1908898910 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

Options :

19088935533. 1

19088935534. 2

19088935535. 3

19088935536. 4

Question Number : 10 Question Id : 1908898911 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay’s Minute
3. Wood’s Despatch
4. Thomas Babington Macaulay

Options :

19088935537. 1

19088935538. 2

19088935539. 3

19088935540. 4

Question Number : 11 Question Id : 1908898912 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following nutrient does not come under the ambit of 'macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

Options :

19088935541. 1

19088935542. 2

19088935543. 3

19088935544. 4

Question Number : 12 Question Id : 1908898913 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

Options :

19088935545. 1

19088935546. 2

19088935547. 3

19088935548. 4

Question Number : 13 Question Id : 1908898914 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

Options :

19088935549. 1

19088935550. 2

19088935551. 3

19088935552. 4

Question Number : 14 Question Id : 1908898915 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

Options :

19088935553. 1

19088935554. 2

19088935555. 3

19088935556. 4

Question Number : 15 Question Id : 1908898916 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

Options :

19088935557. 1

19088935558. 2

19088935559. 3

19088935560. 4

Question Number : 16 Question Id : 1908898917 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

Options :

19088935561. 1

19088935562. 2

19088935563. 3

19088935564. 4

Question Number : 17 Question Id : 1908898918 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

Options :

19088935565. 1

19088935566. 2

19088935567. 3

19088935568. 4

Question Number : 18 Question Id : 1908898919 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

Options :

19088935569. 1

19088935570. 2

19088935571. 3

19088935572. 4

Question Number : 19 Question Id : 1908898920 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

Options :

19088935573. 1

19088935574. 2

19088935575. 3

19088935576. 4

Question Number : 20 Question Id : 1908898921 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Micro-irrigation fund of Rs. 5.000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

Options :

19088935577. 1

19088935578. 2

19088935579. 3

19088935580. 4

Part B Core : Crop Sciences-II

Section Id : 190889165

Section Number : 2

Section type : Online

Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889205
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 1908898922 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Crown gall disease of plant is caused by *Agrobacterium tumefaciens*

Statement II: Ti-plasmid contains T-DNA where it integrates into the nuclear genome

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935581. 1

19088935582. 2

19088935583. 3

19088935584. 4

Question Number : 22 Question Id : 1908898923 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Apothecium	I. A group of conidiophores cemented together
B. Cleistothecium	II. A closed ascocarp with a pore at top
C. Synnema	III. A completely closed ascocarp
D. Perithecium	IV. An open ascocarp

Choose the **correct** answer from the options given below:

1. A - III, B - II, C - IV, D - I
2. A - IV, B - III, C - I, D - II
3. A - I, B - II, C - III, D - IV
4. A - II, B - IV, C - III, D - I

Options :

19088935585. 1

19088935586. 2

19088935587. 3

19088935588. 4

Question Number : 23 Question Id : 1908898924 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

For the first time, copper sulphate was used as wheat seed treatment to control

1. Smut
2. Bunt
3. Yellow rot
4. Rust

Options :

19088935589. 1

19088935590. 2

19088935591. 3

19088935592. 4

Question Number : 24 Question Id : 1908898925 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: *Candidatus phytoplasma* is a wall-less prokaryote transmitted by leaf hopper

Statement II: *Candidatus phytoplasma* is highly sensitive to tetracycline antibiotic

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935593. 1

19088935594. 2

19088935595. 3

19088935596. 4

Question Number : 25 Question Id : 1908898926 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Non-edible oyster mushroom is

1. *Pleurotus ostreatus*
2. *Pleurotus citrinopileatus*
3. *Pleurotus salmoneo*
4. *Pleurotus olearius*

Options :

19088935597. 1

19088935598. 2

19088935599. 3

19088935600. 4

Question Number : 26 Question Id : 1908898927 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The cell wall composition of oomycetes fungi is

1. Chitin
2. Cellulose
3. Glycogen
4. Chitosan

Options :

19088935601. 1

19088935602. 2

19088935603. 3

19088935604. 4

Question Number : 27 Question Id : 1908898928 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The term "Pathovar" is used in the taxonomy of plant pathogens belonging to

1. Mycoplasma
2. Fungi
3. Nematodes
4. Bacteria

Options :

19088935605. 1

19088935606. 2

19088935607. 3

19088935608. 4

Question Number : 28 Question Id : 1908898929 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. <i>Illeis cincta</i>	I. Wheat rust
B. <i>Breventia rehi</i>	II. Plant viruses
C. IARI Regional Station, Pune	III. Stunted paddy in circular patches
D. IARI Regional Station, Wellington	IV. Mycophagous

Choose the **correct** answer from the options given below:

1. A - III, B - II, C - IV, D - I
2. A - IV, B - III, C - II, D - I
3. A - I, B - II, C - III, D - IV
4. A - II, B - IV, C - III, D - I

Options :

19088935609. 1

19088935610. 2

19088935611. 3

19088935612. 4

Question Number : 29 Question Id : 1908898930 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Tabtoxin	I. <i>Alternaria alternate</i>
B. Tentoxin	II. <i>Cochiobolus carbonum</i>
C. H C-Toxin	III. <i>Pseudomonas syringae</i>
D. P C-Toxin	IV. <i>Periconia circinta</i>

Choose the **correct** answer from the options given below:

1. A - II, B - III, C - IV, D - I
2. A - I, B - II, C - IV, D - III
3. A - II, B - IV, C - I, D - I
4. A - III, B - I, C - II, D - IV

Options :

19088935613. 1

19088935614. 2

19088935615. 3

19088935616. 4

Question Number : 30 Question Id : 1908898931 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Aphid transmitted non-persistent virus is

A. Afamovirus

B. Nanovirus

C. Fabavirus

D. Potyvirus

Choose the *correct* answer from the options given below:

1. A, C and D only
2. A and D only
3. A, B and C only
4. A and B only

Options :

19088935617. 1

19088935618. 2

19088935619. 3

19088935620. 4

Question Number : 31 Question Id : 1908898932 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Leaf streak disease of rice is caused by Xanthomonas oryzae.

Statement II: Leaf streak disease is a vascular disease.

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935621. 1

19088935622. 2

19088935623. 3

19088935624. 4

Question Number : 32 Question Id : 1908898933 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Salicylic acid reacts with two major H₂O₂-scavenging plant enzymes

- A. Catalase
- B. Ascorbate peroxidase
- C. Aconitase
- D. Cellulase

Choose the *correct* answer from the options given below:

1. A and C only
2. A and B only
3. B and D only
4. A and D only

Options :

19088935625. 1

19088935626. 2

19088935627. 3

19088935628. 4

Question Number : 33 Question Id : 1908898934 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Aflatoxin in peanuts is caused by

1. *Aspergillus niger*
2. *Aspergillus fumigatus*
3. *Aspergillus flavus*
4. *Aspergillus nidulans*

Options :

19088935629. 1

19088935630. 2

19088935631. 3

19088935632. 4

Question Number : 34 Question Id : 1908898935 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Fungal pathogen produces enzyme to degrade cuticular wax

1. *Alternaria solani*
2. *Colletotrichum capsici*
3. *Puccinia hordei*
4. *Albugo nidulans*

Options :

19088935633. 1

19088935634. 2

19088935635. 3

19088935636. 4

Question Number : 35 Question Id : 1908898936 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: *Rhabditis plectus* and *Wilsonema otophorum* are entomopathogenic

Statement II: *Steinernema* and *Heterorhabditis* are entomopathogenic

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935637. 1

19088935638. 2

19088935639. 3

19088935640. 4

Question Number : 36 Question Id : 1908898937 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Triehanolamine formalin is used as fixative to fix

1. Nematodes
2. Immature insects
3. Mites
4. Fish embryo

Options :

19088935641. 1

19088935642. 2

19088935643. 3

19088935644. 4

Question Number : 37 Question Id : 1908898938 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Following is characterized by having ribbed bursa

1. *Ditylenchus dipsaci*
2. *Helicotylenchus dihystra*
3. *Aphelenchus avenae*
4. *Pratylenchus penetrans*

Options :

19088935645. 1

19088935646. 2

19088935647. 3

19088935648. 4

Question Number : 38 Question Id : 1908898939 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: *Mononchus*, *Dorylaimus* and *Actimolaimus* are predatory soil inhabiting nematodes

Statement II: *Belonolaimus*, *Dolichodorus* and *Trichodorus* are plant parasite nematodes

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935649. 1

19088935650. 2

19088935651. 3

19088935652. 4

Question Number : 39 Question Id : 1908898940 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Nurse cells at feeding site are induced by

1. *Tylenchuhus semipenetrans*
2. *Rotylenchulus reniformis*
3. *Heterodera avenae*
4. *Pratylenchus subpenetrans*

Options :

19088935653. 1

19088935654. 2

19088935655. 3

19088935656. 4

Question Number : 40 Question Id : 1908898941 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Ufra	I. <i>Heterodera</i>
B. Cyst	II. <i>Meloidogyne</i>
C. Gall	III. <i>Dorylaimus</i>
D. Soil inhabitant	IV. <i>Ditylenchus</i>

Choose the **correct** answer from the options given below:

1. A - IV, B - I, C - II, D - III
2. A - IV, B - III, C - I, D - II
3. A - I, B - II, C - III, D - IV
4. A - II, B - IV, C - III, D - I

Options :

19088935657. 1

19088935658. 2

19088935659. 3

19088935660. 4

Question Number : 41 Question Id : 1908898942 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Predatory soil nematodes act as a biocontrol agents against plant parasitic nematodes

Statement II: *Pratylenchus* and *Radopholus* are ectoparasitic on plant roots

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935661. 1

19088935662. 2

19088935663. 3

19088935664. 4

Question Number : 42 Question Id : 1908898943 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Plants infected by *Meloidogyne incognita*, present above ground symptoms as

- A. Water and nutrient stress
- B. Hypertrophy and Hyperplasia
- C. Wilting and stunting
- D. Yellowing of plant

Choose the *correct* answer from the options given below:

1. A, B and C only
2. A, C and D only
3. A, B and D only
4. B, C and D only

Options :

19088935665. 1

19088935666. 2

19088935667. 3

19088935668. 4

Question Number : 43 Question Id : 1908898944 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Heterodera avenae is an important pest of

1. Maize and sorghum
2. Pigeon pea, and Chickpea
3. Wheat and barley
4. Rice and Ragi

Options :

19088935669. 1

19088935670. 2

19088935671. 3

19088935672. 4

Question Number : 44 Question Id : 1908898945 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Scutellonema bradys is a pest of

1. Potato
2. Yam
3. Cowpea
4. Grapevine

Options :

19088935673. 1

19088935674. 2

19088935675. 3

19088935676. 4

Question Number : 45 Question Id : 1908898946 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

First plant parasite nematode, *Angutina tritici* was named *Vibrio tritici* by J.T. Needham in the year

1. 1853
2. 1743
3. 1756
4. 1734

Options :

19088935677. 1

19088935678. 2

19088935679. 3

19088935680. 4

Question Number : 46 Question Id : 1908898947 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Mites in cotton	I. 1-2 nymphs/adults per leaf
B. Thrips in cotton	II. 10/cm per leaf
C. Whitefly in cotton	III. 5-10 per leaf
D. Aphids in cotton	IV. 15-20% of plants infested

Choose the **correct** answer from the options given below:

1. A - II, B - I, C - IV, D - III
2. A - I, B - II, C - IV, D - III
3. A - II, B - III, C - I, D - IV
4. A - II, B - I, C - III, D - IV

Options :

19088935681. 1

19088935682. 2

19088935683. 3

19088935684. 4

Question Number : 47 Question Id : 1908898948 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The enzyme involved in melanogenesis is

1. Tyrosinase
2. Protenase
3. Lipase
4. Cellulase

Options :

19088935685. 1

19088935686. 2

19088935687. 3

19088935688. 4

Question Number : 48 Question Id : 1908898949 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: The interval between the moulting is known as instar

Statement II: The skins casted by the insect are known as exuviae

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935689. 1

19088935690. 2

19088935691. 3

19088935692. 4

Question Number : 49 Question Id : 1908898950 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which vitamins are essential to insects?

1. Vitamin A & E
2. Vitamin B & D
3. Vitamin A & C
4. Vitamin C & D

Options :

19088935693. 1

19088935694. 2

19088935695. 3

19088935696. 4

Question Number : 50 Question Id : 1908898951 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is called obligate symbiosis?

1. Commensalism
2. Mutualism
3. Proto co-operation
4. Amensalism

Options :

19088935697. 1

19088935698. 2

19088935699. 3

19088935700. 4

Question Number : 51 Question Id : 1908898952 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which caste of the termite causes damage to crops?

1. King
2. Queen
3. Worker
4. Soldier

Options :

19088935701. 1

19088935702. 2

19088935703. 3

19088935704. 4

Question Number : 52 Question Id : 1908898953 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the breeding host for fruit sucking moth *Eudocima* spp?

1. *Tinospora cardifolia*
2. *Gynandropsis pentaphylla*
3. *Ipomea* sp.
4. *Triumfetta rhomboidea*

Options :

19088935705. 1

19088935706. 2

19088935707. 3

19088935708. 4

Question Number : 53 Question Id : 1908898954 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Gas released from aluminium phosphide depletes ozone layer

Statement II: Gas released from methyl bromide does not deplete ozone layer

In light of the above statements, choose the *most appropriate* answer from the options given below :

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935709. 1

19088935710. 2

19088935711. 3

19088935712. 4

Question Number : 54 Question Id : 1908898955 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The droplet size in aerosol spray is

1. $>500\mu$
2. $300-500\mu$
3. $100-300\mu$
4. $<60\mu$

Options :

19088935713. 1

19088935714. 2

19088935715. 3

19088935716. 4

Question Number : 55 Question Id : 1908898956 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Orifice plate	I. Prevents debris entering the orifice
B. Whirl plate	II. Prevents leakage
C. Spacer	III. Regulate the flow rate
D. Strainer	IV. Rotates the fluid

Choose the *correct* answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - III, C - I, D - II
4. A - III, B - IV, C - II, D - I

Options :

- 19088935717. 1
- 19088935718. 2
- 19088935719. 3
- 19088935720. 4

Question Number : 56 Question Id : 1908898957 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Field coverage of soil injecting gun (2lit cap) in case of nematicidal fumigant application is

1. 0.5 ha
2. 1.0 ha
3. 1.5 ha
4. 2.0 ha

Options :

- 19088935721. 1
- 19088935722. 2
- 19088935723. 3
- 19088935724. 4

Question Number : 57 Question Id : 1908898958 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Bromadiolone	I. Contact and stomach poison
B. Sulphur	II. Contact and fumigant
C. Malathion	III. Contact poison
D. Dichlorvos	IV. Anticoagulant

Choose the correct answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - III, C - I, D - II
4. A - III, B - IV, C - II, D - I

Options :

19088935725. 1

19088935726. 2

19088935727. 3

19088935728. 4

Question Number : 58 Question Id : 1908898959 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Following is the most dominating biocontrol agent of water hyacinth in India

1. *Neochetina* spp.
2. *Cyrtobagous salviniae*
3. *Agasicles hygrophila*
4. *Teleonemaia scrupulosa*

Options :

19088935729. 1

19088935730. 2

19088935731. 3

19088935732. 4

Question Number : 59 Question Id : 1908898960 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the termite caste is fertile?

1. Presoldiers
2. Alates
3. Worker
4. Soldiers

Options :

19088935733. 1

19088935734. 2

19088935735. 3

19088935736. 4

Question Number : 60 Question Id : 1908898961 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Powdery mildew in mulberry is caused by

1. *Phyllactina corylea*
2. *Meloidogyne incognita*
3. *Acidium mori*
4. *Cercospora moricola*

Options :

19088935737. 1

19088935738. 2

19088935739. 3

19088935740. 4

Question Number : 61 Question Id : 1908898962 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Uzi fly belongs to the family

1. Meloidae
2. Tachinidae
3. Saturnidae
4. Pyralidae

Options :

19088935741. 1

19088935742. 2

19088935743. 3

19088935744. 4

Question Number : 62 Question Id : 1908898963 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Covering of soil in-between rows of mulberry with organic waste is known as

1. Manuring
2. Mulching
3. Solarization
4. Flooding

Options :

19088935745. 1

19088935746. 2

19088935747. 3

19088935748. 4

Question Number : 63 Question Id : 1908898964 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mulberry is largely pollinated by

1. Honey bees
2. Wind
3. Birds
4. Butterflies

Options :

19088935749. 1

19088935750. 2

19088935751. 3

19088935752. 4

Question Number : 64 Question Id : 1908898965 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Glands that discharge their products directly into blood stream are called

1. Endocrine
2. Secretary
3. Exocrine
4. Salivary

Options :

19088935753. 1

19088935754. 2

19088935755. 3

19088935756. 4

Question Number : 65 Question Id : 1908898966 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The silkworm respire through

1. Gills
2. Air sacs
3. Book lungs
4. Tracheae

Options :

19088935757. 1

19088935758. 2

19088935759. 3

19088935760. 4

Question Number : 66 Question Id : 1908898967 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The scientific name of castor is

1. *Morus alba*
2. *Carica papaya*
3. *Samia ricini*
4. *Ricinus communis*

Options :

19088935761. 1

19088935762. 2

19088935763. 3

19088935764. 4

Question Number : 67 Question Id : 1908898968 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Calcified cocoons are the ones destroyed by

1. Virus
2. Bacteria
3. Fungus
4. Protozoa

Options :

19088935765. 1

19088935766. 2

19088935767. 3

19088935768. 4

Question Number : 68 Question Id : 1908898969 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The recommended quantity of FYM/compost for irrigated mulberry garden/ha/year is

1. 40 MT
2. 30 MT
3. 20 MT
4. 10 MT

Options :

19088935769. 1

19088935770. 2

19088935771. 3

19088935772. 4

Question Number : 69 Question Id : 1908898970 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The hibernating eggs are preserved in

1. Cold storage
2. Oven
3. Incubator
4. Refrigerator

Options :

19088935773. 1

19088935774. 2

19088935775. 3

19088935776. 4

Question Number : 70 Question Id : 1908898971 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Most effective method of irrigation involving less wastage of water in moriculture is

1. Flood irrigation
2. Drip irrigation
3. Sprinkler irrigation
4. Furrow irrigation

Options :

19088935777. 1

19088935778. 2

19088935779. 3

19088935780. 4

Part C : Agricultural Entomology

Section Id :	190889166
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889206
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 1908898972 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The taxonomy which is concerned with evolutionary relations and phylogeny is

1. Alpha taxonomy
2. Beta taxonomy
3. Gamma taxonomy
4. Delta taxonomy

Options :

19088935781. 1

19088935782. 2

19088935783. 3

19088935784. 4

Question Number : 72 Question Id : 1908898973 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Whipscorpions and harvestmen belong to the class Arachnida

Statement II: Pill bugs and Sow bugs belong to the class Crustacea

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935785. 1

19088935786. 2

19088935787. 3

19088935788. 4

Question Number : 73 Question Id : 1908898974 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The representative of Chelicerata is

1. Millipede
2. Mite
3. Centipede
4. Lobster

Options :

19088935789. 1

19088935790. 2

19088935791. 3

19088935792. 4

Question Number : 74 Question Id : 1908898975 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In which type of head the mouthparts are in continuous series with the legs?

1. Hypognathous
2. Agnathous
3. Prognathous
4. Opisthognathous

Options :

19088935793. 1

19088935794. 2

19088935795. 3

19088935796. 4

Question Number : 75 Question Id : 1908898976 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The insect diet with all known constituents by quantity is known as

1. Oligidic diet
2. Polygidic diet
3. Meridic diet
4. Holidic diet

Options :

19088935797. 1

19088935798. 2

19088935799. 3

19088935800. 4

Question Number : 76 Question Id : 1908898977 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is endodermal in origin?

1. Fat body
2. Gonads
3. Midgut
4. Hemocytes

Options :

19088935801. 1

19088935802. 2

19088935803. 3

19088935804. 4

Question Number : 77 Question Id : 1908898978 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Choose the correct statement(s) from the following

- A. Gills are not found in hemimetabolan insects
- B. Hypermetamorphosis is found in lepidopterans
- C. Simple metamorphosis is known as paurometabola
- D. Polyembryonic development is also called polymetabola

Choose the *correct* answer from the options given below

1. A only
2. B only
3. A and B only
4. C and D only

Options :

19088935805. 1

19088935806. 2

19088935807. 3

19088935808. 4

Question Number : 78 Question Id : 1908898979 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Intensive studies	I. Quadrat method
B. Absolute estimate	II. Insect products
C. Relative estimate	III. Life table
D. Population indices	IV. Use of traps

Choose the *correct* answer from the options given below

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - I, C - II, D - III
4. A - IV, B - III, C - II, D - I

Options :

19088935809. 1

19088935810. 2

19088935811. 3

19088935812. 4

Question Number : 79 Question Id : 1908898980 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

A population reaching a maximum equilibrium level is called as

1. Lag phase
2. Asymptote
3. Logarithmic phase
4. positive acceleration phase

Options :

19088935813. 1

19088935814. 2

19088935815. 3

19088935816. 4

Question Number : 80 Question Id : 1908898981 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Simple parasite	I. <i>Taeniogonalos gundlachii</i> (Trigonalidae)
B. Super parasite	II. <i>Cotesia flavipes</i> (Braconidae)
C. Hyper parasite	III. <i>Goniozus nephantidis</i> (Bethylidae)
D. Endoparasite	IV. <i>Trichospilus pupivora</i> (Eulophidae)

Choose the correct answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - IV, C - I, D - II
3. A - IV, B - I, C - II, D - III
4. A - IV, B - III, C - II, D - I

Options :

19088935817. 1

19088935818. 2

19088935819. 3

19088935820. 4

Question Number : 81 Question Id : 1908898982 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The agency to approve biological control agent in quarantine investigation on import is

1. NPPO
2. IPPO
3. CBD
4. CPB

Options :

19088935821. 1

19088935822. 2

19088935823. 3

19088935824. 4

Question Number : 82 Question Id : 1908898983 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The weight of an adult giant African snail is

1. 50g
2. 150g
3. 250g
4. 550g

Options :

19088935825. 1

19088935826. 2

19088935827. 3

19088935828. 4

Question Number : 83 Question Id : 1908898984 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the major reaction involved in Phase II metabolism of insecticides?

1. Oxidation
2. Reduction
3. Hydrolysis
4. Conjugation

Options :

19088935829. 1

19088935830. 2

19088935831. 3

19088935832. 4

Question Number : 84 Question Id : 1908898985 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The selectivity ratio (SR value) for methoprene is

1. 1-10
2. 10-100
3. 100-1000
4. >1000

Options :

19088935833. 1

19088935834. 2

19088935835. 3

19088935836. 4

Question Number : 85 Question Id : 1908898986 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Orifice plate	I. Prevents debris entering the orifice
B. Whirl plate	II. Prevents leakage
C. Spacer	III. Regulate the flow rate
D. Strainer	IV. Rotates the fluid

Choose the *correct* answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - III, C - I, D - II
4. A - III, B - IV, C - II, D - I

Options :

19088935837. 1

19088935838. 2

19088935839. 3

19088935840. 4

Question Number : 86 Question Id : 1908898987 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

A. <i>Chilo infuscatellus</i>	I. <i>Cephalonomia stephanoderis</i>
B. <i>Ceratovacuna lanigera</i>	II. <i>Hirsutella thompsoni</i>
C. <i>Aceria guerreronis</i>	III. <i>Dipha aphidivora</i>
D. <i>Hypothenemus hampei</i>	IV. Granulosis virus

Choose the *correct* answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - III, C - II, D - I
4. A - III, B - IV, C - I, D - II

Options :

19088935841. 1

19088935842. 2

19088935843. 3

19088935844. 4

Question Number : 87 Question Id : 1908898988 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the breeding host for fruit sucking moth *Eudocima* spp?

1. *Tinospora cardifolia*
2. *Gynandropsis pentaphylla*
3. *Ipomoea cairica*
4. *Triumfetta rhomboidea*

Options :

19088935845. 1

19088935846. 2

19088935847. 3

19088935848. 4

Question Number : 88 Question Id : 1908898989 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is an insect growth regulator?

1. Tebufenzide
2. Tolfenpyrad
3. Terbufos
4. Transfluthrin

Options :

19088935849. 1

19088935850. 2

19088935851. 3

19088935852. 4

Question Number : 89 Question Id : 1908898990 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Who suggested the term third generation pesticide to the hormonal control of insects?

1. Slama (1971)
2. Williams (1967)
3. Riddiford (1970)
4. Stall (1971)

Options :

19088935853. 1

19088935854. 2

19088935855. 3

19088935856. 4

Question Number : 90 Question Id : 1908898991 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The depth and width of the trench to be dug across the marching locust hopper is

1. 15×15 cm
2. 25×20 cm
3. 45×30 cm
4. 35×25 cm

Options :

19088935857. 1

19088935858. 2

19088935859. 3

19088935860. 4

Question Number : 91 Question Id : 1908898992 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cotton and okra are efficiently pollinated by

1. Carpenter bee
2. Bumble bee
3. Honey bee
4. Leaf cutter bee

Options :

19088935861. 1

19088935862. 2

19088935863. 3

19088935864. 4

Question Number : 92 Question Id : 1908898993 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Collembola, crickets and cut worms are not considered as soil builders

Statement II: By addition of insect saliva by the soil dwelling insects, the soil is enriched

In light of the above statements, choose the *most appropriate* answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935865. 1

19088935866. 2

19088935867. 3

19088935868. 4

Question Number : 93 Question Id : 1908898994 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Many colour patterns derived and designed from the aesthetic value of

1. Butterflies
2. Jewel beetles
3. Jewel bugs
4. Chrysomelid beetles

Options :

19088935869. 1

19088935870. 2

19088935871. 3

19088935872. 4

Question Number : 94 Question Id : 1908898995 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

How many generations of *Drosophila melanogaster* can be reared at $24\pm 1^{\circ}\text{C}$

1. 13 generations
2. 23 generations
3. 30 generations
4. 43 generations

Options :

19088935873. 1

19088935874. 2

19088935875. 3

19088935876. 4

Question Number : 95 Question Id : 1908898996 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is used in nutritional studies?

1. Ants
2. Blow flies
3. Cockroaches
4. Dragon flies

Options :

19088935877. 1

19088935878. 2

19088935879. 3

19088935880. 4

Question Number : 96 Question Id : 1908898997 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which insects are used as singing pets?

1. Crickets, Mole crickets and Grasshoppers
2. Cicadas, Mole crickets and Grasshoppers
3. Cicadas, Crickets and Grasshoppers
4. Mole crickets, Grasshoppers and Cicadas

Options :

19088935881. 1

19088935882. 2

19088935883. 3

19088935884. 4

Question Number : 97 Question Id : 1908898998 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Carcasses and necrophages belong to the family

1. Tachinidae
2. Syrphidae
3. Calliphoridae
4. Asilidae

Options :

19088935885. 1

19088935886. 2

19088935887. 3

19088935888. 4

Question Number : 98 Question Id : 1908898999 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is house dust mite?

1. *Dermatophagoides farinae*
2. *Dermanyssus gallinae*
3. *Sarcoptes scabiei*
4. *Knemidocoptes mutans*

Options :

19088935889. 1

19088935890. 2

19088935891. 3

19088935892. 4

Question Number : 99 Question Id : 1908899000 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The compound used to produce acetylene gas in the bird scarer equipment is

1. Calcium hydroxide
2. Calcium carbide
3. Calcium carbonate
4. Calcium chloride

Options :

19088935893. 1

19088935894. 2

19088935895. 3

19088935896. 4

Question Number : 100 Question Id : 1908899001 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Ladybird beetle, *Illeis cincta* feeds voraciously on

1. Phytophagous mites
2. Powdery mildew
3. Nymphs of Jassid
4. Mealy bug and scale

Options :

19088935897. 1

19088935898. 2

19088935899. 3

19088935900. 4

Question Number : 101 Question Id : 1908899002 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I: *Laccifer lacca* sucks the phloem sap from succulent twigs

Statement II: *Cajanus cajan* is another host of *Laccifer lacca*

In light of the above statements, choose the *most appropriate* answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935901. 1

19088935902. 2

19088935903. 3

19088935904. 4

Question Number : 102 Question Id : 1908899003 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. <i>Patanga succincta</i>	I. Garden locust
B. <i>Locusta migratoria</i>	II. Desert locust
C. <i>Schistocerca gregaria</i>	III. Migratory locust
D. <i>Acanthacris ruficornis</i>	IV. Bombay locust

Choose the *correct* answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - I, C - II, D - III
4. A - IV, B - III, C - II, D - I

Options :

19088935905. 1

19088935906. 2

19088935907. 3

19088935908. 4

Question Number : 103 Question Id : 1908899004 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Approximate number of eggs of *Corcyra cephalonica* in asse G are the weight of an adult giant African snail is

1. 10,000
2. 11,000
3. 22,000
4. 25,000

Options :

19088935909. 1

19088935910. 2

19088935911. 3

19088935912. 4

Question Number : 104 Question Id : 1908899005 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Drosicha mangiferae lays egg sacs in/ inside/ under neath

1. Infloroscence
2. Curled leaves
3. soil
4. Bark

Options :

19088935913. 1

19088935914. 2

19088935915. 3

19088935916. 4

Question Number : 105 Question Id : 1908899006 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Incurviid moth pollinate

1. Jack fruit
2. Ficus
3. Yucca
4. Fig

Options :

19088935917. 1

19088935918. 2

19088935919. 3

19088935920. 4

Question Number : 106 Question Id : 1908899007 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is eaten by certain people?

1. Silk worm
2. Blister beetle
3. Silver fish
4. Cicada

Options :

19088935921. 1

19088935922. 2

19088935923. 3

19088935924. 4

Question Number : 107 Question Id : 1908899008 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The flies associated in corpse, useful in criminal investigation are

1. Hover flies
2. Fruit flies
3. Robber flies
4. Blow flies

Options :

19088935925. 1

19088935926. 2

19088935927. 3

19088935928. 4

Question Number : 108 Question Id : 1908899009 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The arachnid associated with corpses in forensic science is

1. *Tetranychus* sp.
2. *Eryophyes* spp.
3. *Demodex* spp.
4. *Otobius* sp.

Options :

19088935929. 1

19088935930. 2

19088935931. 3

19088935932. 4

Question Number : 109 Question Id : 1908899010 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: All locusts are grasshoppers

Statement II: But all grasshoppers are not locusts

In light of the above statements, choose the *most appropriate* answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935933. 1

19088935934. 2

19088935935. 3

19088935936. 4

Question Number : 110 Question Id : 1908899011 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Trilobites were found in the period of

1. Carboniferous
2. Devonian
3. Paleozoic
4. Silurian

Options :

19088935937. 1

19088935938. 2

19088935939. 3

19088935940. 4

Question Number : 111 Question Id : 1908899012 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Arthropodin	I. Tectocuticle
B. Cement layer	II. Zone beneath the wax layer
C. Cuticulin	III. Outer zone of procuticle
D. Sclerotin	IV. Water soluble protein

Choose the *correct* answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - I, B - II, C - III, D - IV
3. A - IV, B - I, C - II, D - III
4. A - IV, B - III, C - II, D - I

Options :

19088935941. 1

19088935942. 2

19088935943. 3

19088935944. 4

Question Number : 112 Question Id : 1908899013 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The center of the hemelytron of mird bug wing is

1. Clavus
2. Cuneus
3. Corium
4. Embolium

Options :

19088935945. 1

19088935946. 2

19088935947. 3

19088935948. 4

Question Number : 113 Question Id : 1908899014 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Pallium is structure connected with

1. Male genitalia of grasshopper
2. Female genitalia of cockroach
3. Dorsal genital aspect of moths
4. Ventral genital aspect of beetles

Options :

19088935949. 1

19088935950. 2

19088935951. 3

19088935952. 4

Question Number : 114 Question Id : 1908899015 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The suture separating the episternum and epimeron is

1. Coronal suture
2. Pleural suture
3. Frontal suture
4. Occipital suture

Options :

19088935953. 1

19088935954. 2

19088935955. 3

19088935956. 4

Question Number : 115 Question Id : 1908899016 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Johnston's organ is present in which of the antennal segment of housefly?

1. Scape
2. Pedicel
3. Flagellum
4. Flagellomere

Options :

19088935957. 1

19088935958. 2

19088935959. 3

19088935960. 4

Question Number : 116 Question Id : 1908899017 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Dolichasters are the abdominal protuberances of

1. White grub
2. Silver fish
3. Naiads
4. Antlion grubs

Options :

19088935961. 1

19088935962. 2

19088935963. 3

19088935964. 4

Question Number : 117 Question Id : 1908899018 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An aluminium phosphide tablet (3g) in presence of humid air releases PH_3 to the tune of

1. 3.0 gm
2. 2.0 gm
3. 1.0 gm
4. 0.3 gm

Options :

19088935965. 1

19088935966. 2

19088935967. 3

19088935968. 4

Question Number : 118 Question Id : 1908899019 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Methyl bromide is known to deplete ozone layer

Statement II: Aluminium phosphide does not deplete ozone layer

In light of the above statements, choose the *most appropriate* answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088935969. 1

19088935970. 2

19088935971. 3

19088935972. 4

Question Number : 119 Question Id : 1908899020 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

When the values of all items of a series are arranged in increasing or decreasing order, it is usually called an array and the middle item of an array is called

1. Mean
2. Median
3. Mode
4. Coefficient of variation

Options :

19088935973. 1

19088935974. 2

19088935975. 3

19088935976. 4

Question Number : 120 Question Id : 1908899021 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Sigma (Σ) is a symbol derived from

1. Latin
2. French
3. Greek
4. Spanish

Options :

19088935977. 1

19088935978. 2

19088935979. 3

19088935980. 4