

National Testing Agency

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

Applied Entomology

Group Number :	1
Group Id :	899514176
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

Applied Entomology

Section Id :	899514242
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 : 899514286
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 89951414929 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

_____ are soft bodied, fragile, larger life forms and almost defenseless compared to others.

1. Nematodes
2. Insects
3. Mites
4. Slugs

Options :

89951458279. 1
89951458280. 2
89951458281. 3
89951458282. 4

Question Number : 2 Question Id : 89951414930 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Ocelli is located in

1. Prothorax
2. Mesothorax
3. Metathorax
4. Head

Options :

89951458283. 1
89951458284. 2
89951458285. 3
89951458286. 4

Question Number : 3 Question Id : 89951414931 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The posterior wings are present on

1. Prothorax
2. Mesothorax
3. Metathorax
4. Mesonotum

Options :

89951458287. 1
89951458288. 2
89951458289. 3
89951458290. 4

Question Number : 4 Question Id : 89951414932 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The word 'metamorphosis' is derived from _____ language.

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

Options :

89951458291. 1
89951458292. 2
89951458293. 3
89951458294. 4

Question Number : 5 Question Id : 89951414933 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The type of metamorphosis observed in *Bombyx mori* is

1. Ametabola
2. Hemimetabola
3. Heterometabola
4. Holometabola

Options :

89951458295. 1
89951458296. 2
89951458297. 3
89951458298. 4

**Question Number : 6 Question Id : 89951414934 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Based on the degree of external alterations observed during post-embryonic development, insects can be classified into _____ groups.

1. Two
2. Three
3. Four
4. Five

Options :

89951458299. 1
89951458300. 2
89951458301. 3
89951458302. 4

**Question Number : 7 Question Id : 89951414935 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Epimorphic larval development is noticed in the insect order

1. Diplura
2. Collembola
3. Protura
4. Ephemeroptera

Options :

89951458303. 1
89951458304. 2
89951458305. 3
89951458306. 4

**Question Number : 8 Question Id : 89951414936 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Which of the following insect belong the order Blattodea

1. Cockroach
2. Dermestid beetle
3. Mosquito
4. Grass hopper

Options :

89951458307. 1
89951458308. 2
89951458309. 3
89951458310. 4

**Question Number : 9 Question Id : 89951414937 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Entognathous type of mouthparts are found in the insect order

1. Orthoptera
2. Diptera
3. Lepidoptera
4. Collembola

Options :

- 89951458311. 1
- 89951458312. 2
- 89951458313. 3
- 89951458314. 4

Question Number : 10 Question Id : 89951414938 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Second largest order in the class Insecta is

- 1. Thysanura
- 2. Diptera
- 3. Lepidoptera
- 4. Orthoptera

Options :

- 89951458315. 1
- 89951458316. 2
- 89951458317. 3
- 89951458318. 4

Question Number : 11 Question Id : 89951414939 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The monarch butterfly may stay in its chrysalis for _____ weeks.

- 1. Two
- 2. Three
- 3. Four
- 4. Five

Options :

- 89951458319. 1
- 89951458320. 2
- 89951458321. 3
- 89951458322. 4

Question Number : 12 Question Id : 89951414940 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Number of body segments present in lepidopteran caterpillars is

1. 13
2. 16
3. 19
4. 22

Options :

89951458323. 1
89951458324. 2
89951458325. 3
89951458326. 4

Question Number : 13 Question Id : 89951414941 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

_____ has only one pair of functional wings.

1. Odonatans
2. Lepidopterans
3. Dipterans
4. Orthopterans

Options :

89951458327. 1
89951458328. 2
89951458329. 3
89951458330. 4

Question Number : 14 Question Id : 89951414942 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

In the insect order Diptera, a pair of wings is modified into

1. Proboscis
2. Caudal horn
3. Halteres
4. Stylets

Options :

89951458331. 1
89951458332. 2
89951458333. 3
89951458334. 4

Question Number : 15 Question Id : 89951414943 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

House fly belongs to the family

1. Muscidae
2. Tipulidae
3. Bombycidae
4. Culicidae

Options :

89951458335. 1
89951458336. 2
89951458337. 3
89951458338. 4

Question Number : 16 Question Id : 89951414944 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The only insect that can pollinate fig trees belongs to the family

1. Apidae
2. Agonidae
3. Scoliidæ
4. Vespidae

Options :

89951458339. 1
89951458340. 2
89951458341. 3
89951458342. 4

Question Number : 17 Question Id : 89951414945 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is the most beneficial order in the entire class Insecta.

1. Thysanura
2. Blattodea
3. Hymenoptera
4. Hemiptera

Options :

89951458343. 1
89951458344. 2
89951458345. 3
89951458346. 4

Question Number : 18 Question Id : 89951414946 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Worker caste of honey bees are

1. Sterile females
2. Fertile females
3. Sterile males
4. Fertile males

Options :

89951458347. 1
89951458348. 2
89951458349. 3
89951458350. 4

Question Number : 19 Question Id : 89951414947 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Nearly 40% of all described insect species are

1. Caterpillars
2. Maggots
3. Beetles
4. Nymphs

Options :

89951458351. 1
89951458352. 2
89951458353. 3
89951458354. 4

Question Number : 20 Question Id : 89951414948 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Beetles possess mouthparts similar to those of

1. House fly
2. Uzi fly
3. Bugs
4. Grasshoppers

Options :

89951458355. 1
89951458356. 2
89951458357. 3
89951458358. 4

Question Number : 21 Question Id : 89951414949 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The primary function of spiracle in beetles is

1. Locomotion and smell
2. Breathing and respiration
3. Defense and digestion
4. Reproduction and excretion

Options :

89951458359. 1
89951458360. 2
89951458361. 3
89951458362. 4

Question Number : 22 Question Id : 89951414950 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Type of mouthparts in Hemipterans is

1. Lacerating and siphoning
2. Biting and chewing
3. Sponging and chewing
4. Piercing and sucking

Options :

89951458363. 1
89951458364. 2
89951458365. 3
89951458366. 4

Question Number : 23 Question Id : 89951414951 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Thrips and lice are the closest relatives of

1. Hemipterans
2. Dipterans
3. Lepidopterans
4. Thysanurans

Options :

- 89951458367. 1
- 89951458368. 2
- 89951458369. 3
- 89951458370. 4

Question Number : 24 Question Id : 89951414952 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Stink bugs belongs to the family

- 1. Coccidae
- 2. Pyrrhocoridae
- 3. Pentatomidae
- 4. Lygaeidae

Options :

- 89951458371. 1
- 89951458372. 2
- 89951458373. 3
- 89951458374. 4

Question Number : 25 Question Id : 89951414953 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Malpighian tubules produce silk in

- 1. Diptera
- 2. Neuroptera
- 3. Lepidoptera
- 4. Hemiptera

Options :

- 89951458375. 1
- 89951458376. 2
- 89951458377. 3
- 89951458378. 4

Question Number : 26 Question Id : 89951414954 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Largest family under Neuroptera is

1. Hemerobiidae
2. Ascalapidae
3. Mantispidae
4. Chrysopidae

Options :

89951458379. 1
89951458380. 2
89951458381. 3
89951458382. 4

Question Number : 27 Question Id : 89951414955 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Raptorial front legs are observed in

1. Mantispidae
2. Hemerobiidae
3. Myrmeleontidae
4. Chrysopidae

Options :

89951458383. 1
89951458384. 2
89951458385. 3
89951458386. 4

Question Number : 28 Question Id : 89951414956 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ is an active movement by which insects seek resources.

1. Searching behaviour
2. Altruistic behaviour
3. Learned behavior
4. Overt behaviour

Options :

89951458387. 1
89951458388. 2
89951458389. 3
89951458390. 4

**Question Number : 29 Question Id : 89951414957 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

In insects, the courtship behaviour is

1. Seasonal nature
2. Regular nature
3. Occasional nature
4. Sporadic nature

Options :

89951458391. 1
89951458392. 2
89951458393. 3
89951458394. 4

**Question Number : 30 Question Id : 89951414958 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Linnaeus divided insects in to ____ orders.

1. 5
2. 7
3. 9
4. 11

Options :

89951458395. 1
89951458396. 2
89951458397. 3
89951458398. 4

**Question Number : 31 Question Id : 89951414959 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

ICZN stands for

1. Indian Code of Zoological Nomenclature
2. International Code of Zoological Nomenclature
3. Imperial Code of Zoological Nomenclature
4. Institutional Code of Zoological Nomenclature

Options :

89951458399. 1
89951458400. 2
89951458401. 3
89951458402. 4

**Question Number : 32 Question Id : 89951414960 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Brachycera is called

1. Diptera
2. Lepidoptera
3. Thysanura
4. Orthoptera

Options :

89951458403. 1
89951458404. 2
89951458405. 3
89951458406. 4

Question Number : 33 Question Id : 89951414961 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ provides the energy for bee nutrition

1. Nectar
2. Pollen
3. Wax
4. Saliva

Options :

89951458407. 1
89951458408. 2
89951458409. 3
89951458410. 4

Question Number : 34 Question Id : 89951414962 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Silkworms were first domesticated in China over _____ years ago.

1. 3000
2. 4000
3. 5000
4. 6000

Options :

89951458411. 1
89951458412. 2
89951458413. 3
89951458414. 4

Question Number : 35 Question Id : 89951414963 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ has the unique distinction of producing all the four commercial varieties of natural silks.

1. China
2. India
3. Japan
4. Bangladesh

Options :

- 89951458415. 1
- 89951458416. 2
- 89951458417. 3
- 89951458418. 4

Question Number : 36 Question Id : 89951414964 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mulberry silkworm belongs to the family

- 1. Saturniidae
- 2. Pyralidae
- 3. Acrididae
- 4. Bombycidae

Options :

- 89951458419. 1
- 89951458420. 2
- 89951458421. 3
- 89951458422. 4

Question Number : 37 Question Id : 89951414965 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Bombyx mori completes its life cycle in about

- 1. 6 to 8 weeks
- 2. 8 to 10 weeks
- 3. 10 to 12 weeks
- 4. 12 to 14 weeks

Options :

- 89951458423. 1
- 89951458424. 2
- 89951458425. 3
- 89951458426. 4

Question Number : 38 Question Id : 89951414966 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Honey bees belongs to the genus

1. *Diaphania*
2. *Maconellicoccus*
3. *Apis*
4. *Euproctis*

Options :

89951458427. 1

89951458428. 2

89951458429. 3

89951458430. 4

Question Number : 39 Question Id : 89951414967 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ are known colloquially as 'killer bees'.

1. Africanized bees
2. Himalayan bees
3. Indonesian bees
4. Africanized bees

Options :

89951458431. 1

89951458432. 2

89951458433. 3

89951458434. 4

Question Number : 40 Question Id : 89951414968 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In cold climates, honeybees stop flying when the temperature drops below

1. 10°C
2. 15°C
3. 20°C
4. 25°C

Options :

- 89951458435. 1
- 89951458436. 2
- 89951458437. 3
- 89951458438. 4

Question Number : 41 Question Id : 89951414969 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The cultivation of lac insect has a long history in

- 1. Asia
- 2. Africa
- 3. Australia
- 4. Europe

Options :

- 89951458439. 1
- 89951458440. 2
- 89951458441. 3
- 89951458442. 4

Question Number : 42 Question Id : 89951414970 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

To produce one kilogram of lac resin, around _____ insects lose their life.

- 1. 1,00,000
- 2. 2,00,000
- 3. 3,00,000
- 4. 4,00,000

Options :

- 89951458443. 1
- 89951458444. 2
- 89951458445. 3
- 89951458446. 4

Question Number : 43 Question Id : 89951414971 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Predators account _____% of loss to lac crop.

1. 5
2. 15
3. 25
4. 35

Options :

89951458447. 1
89951458448. 2
89951458449. 3
89951458450. 4

Question Number : 44 Question Id : 89951414972 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The term parasitoid was coined in 1913 by

1. O. M. Reuter
2. R.F. Chapman
3. W.J. Williams
4. S.T. Morgan

Options :

89951458451. 1
89951458452. 2
89951458453. 3
89951458454. 4

Question Number : 45 Question Id : 89951414973 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The situation when a secondary parasitoid searches out and deposits its egg in or on the body of its parasitic host refers to

1. Facultative hyperparasitism
2. Obligatory hyperparasitism
3. Direct hyperparasitism
4. Indirect hyperparasitism

Options :

89951458455. 1
89951458456. 2
89951458457. 3
89951458458. 4

Question Number : 46 Question Id : 89951414974 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Among the identified insect species, entomophagous parasitoids constitutes

1. 25%
2. 20%
3. 15%
4. 10%

Options :

89951458459. 1
89951458460. 2
89951458461. 3
89951458462. 4

Question Number : 47 Question Id : 89951414975 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is among the fastest flying insects, reaching 90 km/hour.

1. Termite
2. Cockroach
3. Dragonfly
4. House fly

Options :

- 89951458463. 1
- 89951458464. 2
- 89951458465. 3
- 89951458466. 4

Question Number : 48 Question Id : 89951414976 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Tiger beetle belongs to the family

- 1. Carabidae
- 2. Cicindellidae
- 3. Coccinellidae
- 4. Coccidae

Options :

- 89951458467. 1
- 89951458468. 2
- 89951458469. 3
- 89951458470. 4

Question Number : 49 Question Id : 89951414977 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

At least _____% of our world's crop species require pollination to set seed.

- 1. 50
- 2. 60
- 3. 70
- 4. 80

Options :

- 89951458471. 1
- 89951458472. 2
- 89951458473. 3
- 89951458474. 4

Question Number : 50 Question Id : 89951414978 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Entomophagy is the consumption of _____ as food.

1. Mites
2. Birds
3. Earthworms
4. Insects

Options :

89951458475. 1
89951458476. 2
89951458477. 3
89951458478. 4

Question Number : 51 Question Id : 89951414979 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cricket and palm weevil larvae are commonly cultured/farmed in

1. Thailand
2. Nepal
3. India
4. Pakistan

Options :

89951458479. 1
89951458480. 2
89951458481. 3
89951458482. 4

Question Number : 52 Question Id : 89951414980 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Animals that eat insects is known as

1. Herbivores
2. Carnivores
3. Insectivores
4. Detrivores

Options :

89951458483. 1
89951458484. 2
89951458485. 3
89951458486. 4

Question Number : 53 Question Id : 89951414981 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The entire Genus of *Drosophila* contains about _____ species.

1. 500
2. 1000
3. 1500
4. 2000

Options :

89951458487. 1
89951458488. 2
89951458489. 3
89951458490. 4

Question Number : 54 Question Id : 89951414982 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ demonstrated that silkworm larvae could produce functional interferon.

1. Dr Tazima
2. Dr. Maeda
3. Dr Kyoshi
4. Dr. Liu

Options :

89951458491. 1
89951458492. 2
89951458493. 3
89951458494. 4

Question Number : 55 Question Id : 89951414983 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A pest that occurs every crop season and causes yield losses is called as

1. Minor pest
2. Major pest
3. Sporadic pest
4. Regular pest

Options :

89951458495. 1
89951458496. 2
89951458497. 3
89951458498. 4

Question Number : 56 Question Id : 89951414984 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Tillage and flood irrigation reduces _____ populations.

1. Aphids
2. Cutworms
3. Mealy bugs
4. Thrips

Options :

89951458499. 1
89951458500. 2
89951458501. 3
89951458502. 4

Question Number : 57 Question Id : 89951414985 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ 1915 stated that, 'the struggle between man and insects began long before the dawn of civilization.

1. Lamark
2. Forbes
3. William
4. Smith

Options :

89951458503. 1
89951458504. 2
89951458505. 3
89951458506. 4

Question Number : 58 Question Id : 89951414986 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ % of arthropod vectors are aphids.

1. 35
2. 45
3. 55
4. 65

Options :

89951458507. 1
89951458508. 2
89951458509. 3
89951458510. 4

Question Number : 59 Question Id : 89951414987 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The scientific name of horse fly is

1. *Tabanus striatus*
2. *Stomoxys calcitrans*
3. *Hippobosca maculatus*
4. *Siphunculina funicola*

Options :

89951458511. 1
89951458512. 2
89951458513. 3
89951458514. 4

**Question Number : 60 Question Id : 89951414988 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Global potential loss due to pests in wheat is about

1. 40%
2. 50%
3. 60%
4. 70%

Options :

89951458515. 1
89951458516. 2
89951458517. 3
89951458518. 4

**Question Number : 61 Question Id : 89951414989 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Brown plant hopper belongs to the family

1. Acrididae
2. Tabanidae
3. Delphacidae
4. Noctuidae

Options :

89951458519. 1
89951458520. 2
89951458521. 3
89951458522. 4

Question Number : 62 Question Id : 89951414990 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

About _____ species among 10 families of aphids are known.

1. 4,400
2. 5,400
3. 6,400
4. 7,400

Options :

89951458523. 1
89951458524. 2
89951458525. 3
89951458526. 4

Question Number : 63 Question Id : 89951414991 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cat fleas are called

1. *Cimex lectularius*
2. *Periplanta australasiae*
3. *Ctenocephali desfelis*
4. *Blattella germanica*

Options :

89951458527. 1
89951458528. 2
89951458529. 3
89951458530. 4

Question Number : 64 Question Id : 89951414992 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Long nosed cattle louse is

1. *Linognathus vituli*
2. *Beauveria bassiana*
3. *Nosema bombycis*
4. *Musca domestica*

Options :

89951458531. 1
89951458532. 2
89951458533. 3
89951458534. 4

Question Number : 65 Question Id : 89951414993 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ species of mites cause problems for humans and domestic animals.

1. 150
2. 250
3. 350
4. 450

Options :

89951458535. 1
89951458536. 2
89951458537. 3
89951458538. 4

Question Number : 66 Question Id : 89951414994 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Rat flea is a

1. Predator
2. Parasite
3. Pathogen
4. Pollinator

Options :

89951458539. 1
89951458540. 2
89951458541. 3
89951458542. 4

Question Number : 67 Question Id : 89951414995 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The most abundant and widespread species of fleas on this planet earth is

1. Dog flea
2. Human flea
3. Cat flea
4. Moorhen flea

Options :

89951458543. 1
89951458544. 2
89951458545. 3
89951458546. 4

Question Number : 68 Question Id : 89951414996 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The scientific name of Northern rat flea is

1. *Nosopsyllus fasciatus*
2. *Pulex irritans*
3. *Ctenocephalides canis*
4. *Xenopsylla cheopsis*

Options :

89951458547. 1
89951458548. 2
89951458549. 3
89951458550. 4

Question Number : 69 Question Id : 89951414997 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

_____ are one of the most commonly noted household insect pest.

1. Rat fleas
2. Cockroaches
3. Ticks
4. Bed bugs

Options :

89951458551. 1
89951458552. 2
89951458553. 3
89951458554. 4

Question Number : 70 Question Id : 89951414998 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

_____ are vectors causes Lyme disease and Q fever.

1. Lice
2. Housefly
3. Bed Bugs
4. Ticks

Options :

89951458555. 1
89951458556. 2
89951458557. 3
89951458558. 4

Question Number : 71 Question Id : 89951414999 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Mosquitoes feed on

1. Sugar
2. Water
3. Blood
4. Pollen

Options :

89951458559. 1
89951458560. 2
89951458561. 3
89951458562. 4

Question Number : 72 Question Id : 89951415000 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

At least ____million people annually die from mosquito borne diseases.

1. One
2. Two
3. Three
4. Four

Options :

89951458563. 1
89951458564. 2
89951458565. 3
89951458566. 4

Question Number : 73 Question Id : 89951415001 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Houseflies attracted to breeding sites due to

1. Light
2. Colour
3. Gum
4. Odour

Options :

- 89951458567. 1
- 89951458568. 2
- 89951458569. 3
- 89951458570. 4

Question Number : 74 Question Id : 89951415002 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Optimum condition required for the development of housefly is

- 1. Cool winter
- 2. Cool rainy
- 3. Warm summer
- 4. Hot summer

Options :

- 89951458571. 1
- 89951458572. 2
- 89951458573. 3
- 89951458574. 4

Question Number : 75 Question Id : 89951415003 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Most lice are

- 1. Detrivores
- 2. Herbivores
- 3. Cornivores
- 4. Scavengers

Options :

- 89951458575. 1
- 89951458576. 2
- 89951458577. 3
- 89951458578. 4

Question Number : 76 Question Id : 89951415004 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Head lice are

1. Oviparous
2. Viviparous
3. Parthenogenetic
4. Ovo-viviparous

Options :

89951458579. 1

89951458580. 2

89951458581. 3

89951458582. 4

Question Number : 77 Question Id : 89951415005 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Public louse passed to humans

1. 1.3 million years ago
2. 2.3 million years ago
3. 3.3 million years ago
4. 4.3 million years ago

Options :

89951458583. 1

89951458584. 2

89951458585. 3

89951458586. 4

Question Number : 78 Question Id : 89951415006 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ are obligatory hematophagous insects.

1. House flies
2. Bed bugs
3. Rat fleas
4. Mealy bugs

Options :

89951458587. 1
89951458588. 2
89951458589. 3
89951458590. 4

**Question Number : 79 Question Id : 89951415007 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Natural enemy of bed bug is

1. Cockroaches
2. House flies
3. Mosquitoes
4. Crab louse

Options :

89951458591. 1
89951458592. 2
89951458593. 3
89951458594. 4

**Question Number : 80 Question Id : 89951415008 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Number of moults in bed bugs is

1. Four
2. Five
3. Six
4. Seven

Options :

89951458595. 1
89951458596. 2
89951458597. 3
89951458598. 4

Question Number : 81 Question Id : 89951415009 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Many vectors are _____, which transmit pathogens or parasites to various plant species during they feed on plants.

1. Herbivores
2. Carnivores
3. Detritivores
4. Omnivores

Options :

89951458599. 1
89951458600. 2
89951458601. 3
89951458602. 4

Question Number : 82 Question Id : 89951415010 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Major group of insect vectors which cause disease in animals and plants belongs to

1. Nematodes
2. Arthropod
3. Acarina
4. Annelids

Options :

89951458603. 1
89951458604. 2
89951458605. 3
89951458606. 4

Question Number : 83 Question Id : 89951415011 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

There are more than _____ species of aphids act as vectors, carry wide variety of viruses.

1. 15
2. 20
3. 25
4. 30

Options :

89951458607. 1
89951458608. 2
89951458609. 3
89951458610. 4

Question Number : 84 Question Id : 89951415012 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

First step towards a successful pest control is

1. Identification of the pest species
2. Information on pest life
3. Decision to adopt control measures
4. Use of insecticides

Options :

89951458611. 1
89951458612. 2
89951458613. 3
89951458614. 4

Question Number : 85 Question Id : 89951415013 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Decision to adopt control measure for pests should only be done when the pest has crossed the_____.

1. Economic threshold
2. Damage threshold
3. Serious threshold
4. Negligible threshold

Options :

- 89951458615. 1
- 89951458616. 2
- 89951458617. 3
- 89951458618. 4

Question Number : 86 Question Id : 89951415014 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Selection/choice of insecticides for control of insect pests should be based on the type of insect

1. Wings
2. Mouth parts
3. Antennae
4. Legs

Options :

- 89951458619. 1
- 89951458620. 2
- 89951458621. 3
- 89951458622. 4

Question Number : 87 Question Id : 89951415015 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Naturally derived material/substances from living organism to control pest is

1. Herbicide Synthetic pesticide
2. Biopesticide
3. Acaricide
4. Uzicide

Options :

89951458623. 1
89951458624. 2
89951458625. 3
89951458626. 4

Question Number : 88 Question Id : 89951415016 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Avicide is used to kill

1. Mites
2. Insects
3. Birds
4. Fungi

Options :

89951458627. 1
89951458628. 2
89951458629. 3
89951458630. 4

Question Number : 89 Question Id : 89951415017 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

_____ pesticide moves inside a plant following absorption by the plant.

1. Aerial
2. Contact
3. Fumigant
4. Systemic

Options :

89951458631. 1
89951458632. 2
89951458633. 3
89951458634. 4

Question Number : 90 Question Id : 89951415018 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

IPM provides improved pest suppression on a

1. Short term basis
2. Marginal term basis
3. Medium term basis
4. Long term basis

Options :

89951458635. 1
89951458636. 2
89951458637. 3
89951458638. 4

Question Number : 91 Question Id : 89951415019 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____method helps to control pests by manipulating crops and land.

1. Biological
2. Mechanical
3. Cultural
4. Physical

Options :

89951458639. 1
89951458640. 2
89951458641. 3
89951458642. 4

Question Number : 92 Question Id : 89951415020 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The most important aspect of biological control and plays a major role in pest suppression is

1. Introduction
2. Augmentation
3. Multiplication
4. Conservation

Options :

89951458643. 1
89951458644. 2
89951458645. 3
89951458646. 4

Question Number : 93 Question Id : 89951415021 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The most advanced and highly specialized social insects belong to the insect order

1. Hymenoptera
2. Diptera
3. Othopetera
4. Coleoptera

Options :

89951458647. 1
89951458648. 2
89951458649. 3
89951458650. 4

Question Number : 94 Question Id : 89951415022 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Reproductive caste in termite colony includes

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

Options :

89951458651. 1

89951458652. 2

89951458653. 3

89951458654. 4

Question Number : 95 Question Id : 89951415023 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ are called 'lethargic individuals of the honey bee colony.'

1. Queen
2. Drones
3. Workers
4. Soldiers

Options :

89951458655. 1

89951458656. 2

89951458657. 3

89951458658. 4

Question Number : 96 Question Id : 89951415024 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Plant cellulose is the main diet for

1. Honey bees
2. Termites
3. Ants
4. Aphids

Options :

89951458659. 1

89951458660. 2

89951458661. 3

89951458662. 4

Question Number : 97 Question Id : 89951415025 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Termites contribute _____ % towards atmospheric methane.

1. 11
2. 21
3. 31
4. 41

Options :

89951458663. 1
89951458664. 2
89951458665. 3
89951458666. 4

Question Number : 98 Question Id : 89951415026 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Termite queen can survive for _____ years.

1. 25
2. 35
3. 45
4. 55

Options :

89951458667. 1
89951458668. 2
89951458669. 3
89951458670. 4

Question Number : 99 Question Id : 89951415027 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Most of the wasps act as

1. Vectors
2. Parasites
3. Predators
4. Pests

Options :

89951458671. 1

89951458672. 2

89951458673. 3

89951458674. 4

Question Number : 100 Question Id : 89951415028 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Worker ants are

1. Fertile males
2. Sterile males
3. Fertile females
4. Sterile females

Options :

89951458675. 1

89951458676. 2

89951458677. 3

89951458678. 4