

# National Testing Agency

**Question Paper Name :** PGQP33 15th Sep 2021 Shift 2  
**Subject Name :** PGQP33  
**Creation Date :** 2021-09-15 22:47:27  
**Duration :** 120  
**Total Marks :** 400  
**Display Marks:** Yes

## PGQP33

**Group Number :** 1  
**Group Id :** 19088932  
**Group Maximum Duration :** 0  
**Group Minimum Duration :** 120  
**Show Attended Group? :** No  
**Edit Attended Group? :** No  
**Break time :** 0  
**Group Marks :** 400  
**Is this Group for Examiner? :** No

## PART A - General

**Section Id :** 19088983  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional :** Mandatory

<b>Number of Questions :</b>	25
<b>Number of Questions to be attempted :</b>	25
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889119
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 1908893599 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Select the correct word that can best complete the given sentence:

By training children at a young age we can bring out the \_\_\_\_\_ talents in them.

- |                 |              |
|-----------------|--------------|
| (1) artificial  | (2) budding  |
| (3) superficial | (4) inherent |

**Options :**

19088914301. 1

19088914302. 2

19088914303. 3

19088914304. 4

**Question Number : 2 Question Id : 1908893600 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

From the choices given below, select the pair which exhibits the same relationship as the one in capitalized pair of words:

SOUP : APPETIZER

- |                        |                       |
|------------------------|-----------------------|
| (1) coffee : bean      | (2) pudding : dessert |
| (3) breakfast : cereal | (4) tea : drink       |

**Options :**

19088914305. 1

19088914306. 2

19088914307. 3

19088914308. 4

**Question Number : 3 Question Id : 1908893601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Select the most suitable synonym :

MUDDLE

- |              |               |
|--------------|---------------|
| (1) whisper  | (2) horde     |
| (3) disorder | (4) speculate |

**Options :**

19088914309. 1

19088914310. 2

19088914311. 3

19088914312. 4

**Question Number : 4 Question Id : 1908893602 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the part of the body with which the disease is associated:

Leukemia

- |           |                      |
|-----------|----------------------|
| (1) heart | (2) skin             |
| (3) lungs | (4) lymphatic system |

**Options :**

19088914313. 1

19088914314. 2

19088914315. 3

19088914316. 4

**Question Number : 5 Question Id : 1908893603 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the meaning of the expression below from the options given:

Per se

- |                      |                 |
|----------------------|-----------------|
| (1) by word of mouth | (2) gossip      |
| (3) by itself        | (4) spontaneous |

**Options :**

19088914317. 1

19088914318. 2

19088914319. 3

19088914320. 4

**Question Number : 6 Question Id : 1908893604 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the meaning of the underlined word:

Home appliances manufacturer 'B' electrical Limited is looking for acquisitions in the domestic market.

- |                |                |
|----------------|----------------|
| (1) obtainment | (2) apprentice |
| (3) attrition  | (4) attention  |

**Options :**

- 19088914321. 1
- 19088914322. 2
- 19088914323. 3
- 19088914324. 4

**Question Number : 7 Question Id : 1908893605 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the meaning of the phrase below from the options given:

Leave to a person by a will

- |             |              |
|-------------|--------------|
| (1) beseech | (2) billow   |
| (3) blanch  | (4) bequeath |

**Options :**

- 19088914325. 1
- 19088914326. 2
- 19088914327. 3
- 19088914328. 4

**Question Number : 8 Question Id : 1908893606 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Select the most suitable antonym:

SKIMPY

- |              |              |
|--------------|--------------|
| (1) glaring  | (2) modest   |
| (3) affluent | (4) generous |

**Options :**

- 19088914329. 1
- 19088914330. 2
- 19088914331. 3
- 19088914332. 4

**Question Number : 9 Question Id : 1908893607 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the meaning of the idiom from the options given:

A man of the world

- (1) headstrong and arrogant
- (2) highly trustworthy
- (3) very popular because of success
- (4) highly experienced in many fields

**Options :**

- 19088914333. 1
- 19088914334. 2
- 19088914335. 3
- 19088914336. 4

**Question Number : 10 Question Id : 1908893608 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Select the correct word from the answer:

Now a days, it is difficult to \_\_\_\_\_ good books in English.

- |           |            |
|-----------|------------|
| (1) track | (2) verify |
| (3) find  | (4) know   |

**Options :**

19088914337. 1

19088914338. 2

19088914339. 3

19088914340. 4

**Question Number : 11 Question Id : 1908893609 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

If Neena says "Anita's father Raman is the only son of my father-in-law Mahipal", then how is Bindu, who is the sister of Anita, related to Mahipal?

- |           |                   |
|-----------|-------------------|
| (1) Neice | (2) Daughter      |
| (3) Wife  | (4) None of these |

**Options :**

19088914341. 1

19088914342. 2

19088914343. 3

19088914344. 4

**Question Number : 12 Question Id : 1908893610 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Choose the missing term out of the given alternatives.

Y, W, U, S, Q, \_\_, \_\_

(1) N, J

(2) M, L

(3) J, R

(4) O, M

**Options :**

19088914345. 1

19088914346. 2

19088914347. 3

19088914348. 4

**Question Number : 13 Question Id : 1908893611 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the given words in alphabetical order and tick the one that comes last.

(1) Abandon

(2) Actuate

(3) Accumulate

(4) Acquit

**Options :**

19088914349. 1

19088914350. 2

19088914351. 3

19088914352. 4

**Question Number : 14 Question Id : 1908893612 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Raman ranks sixteenth from the top and forty nine from the bottom in a class. How many students are there in the class?

(1) 64

(2) 65

(3) 66

(4) None of these



**Options :**

- 19088914353. 1
- 19088914354. 2
- 19088914355. 3
- 19088914356. 4

**Question Number : 15 Question Id : 1908893613 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

If  $\times$  means  $\div$ ,  $-$  means  $\times$ ,  $\div$  means  $+$  and  $+$  means  $-$ , then

$$(3 - 15 \div 19) \times 8 + 6 = ?$$

- |       |        |
|-------|--------|
| (1) 8 | (2) 4  |
| (3) 2 | (4) -1 |

**Options :**

- 19088914357. 1
- 19088914358. 2
- 19088914359. 3
- 19088914360. 4

**Question Number : 16 Question Id : 1908893614 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Choose the correct alternative based on relationship :

Botany : Plants :: Entomology : ?

- |            |             |
|------------|-------------|
| (1) Snakes | (2) Insects |
| (3) Birds  | (4) Germs   |

**Options :**

- 19088914361. 1
- 19088914362. 2
- 19088914363. 3

19088914364. 4

**Question Number : 17 Question Id : 1908893615 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Choose the correct answer:

$$9572 - 4018 - 2164 = ?$$

(1) 3300

(2) 3390

(3) 3570

(4) 7718

**Options :**

19088914365. 1

19088914366. 2

19088914367. 3

19088914368. 4

**Question Number : 18 Question Id : 1908893616 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The H.C.F. (Highest Common Factor) of 2923 and 3239 is :

(1) 37

(2) 47

(3) 73

(4) 79

**Options :**

19088914369. 1

19088914370. 2

19088914371. 3

19088914372. 4

**Question Number : 19 Question Id : 1908893617 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

One fifth of a number exceeds one seventh of the same by 10. The number is :

- |         |         |
|---------|---------|
| (1) 125 | (2) 150 |
| (3) 175 | (4) 200 |

**Options :**

19088914373. 1

19088914374. 2

19088914375. 3

19088914376. 4

**Question Number : 20 Question Id : 1908893618 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

If a number, divided by 4, is reduced by 21, the number is :

- |        |        |
|--------|--------|
| (1) 18 | (2) 20 |
| (3) 28 | (4) 38 |

**Options :**

19088914377. 1

19088914378. 2

19088914379. 3

19088914380. 4

**Question Number : 21 Question Id : 1908893619 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The newly launched 100 rupees notes have the motif of \_\_\_\_\_ on the reverse side.

- |                        |                  |
|------------------------|------------------|
| (1) Mangalyaan         | (2) Sanchi stupa |
| (3) Hampi with chariot | (4) Rani ki vav  |

**Options :**

19088914381. 1

19088914382. 2

19088914383. 3

19088914384. 4

**Question Number : 22 Question Id : 1908893620 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The 'Mission Purvodaya' initiative is related to the development of which of the following?

- |                        |                  |
|------------------------|------------------|
| (1) Agriculture sector | (2) Space sector |
| (3) Dairy sector       | (4) Steel sector |

**Options :**

19088914385. 1

19088914386. 2

19088914387. 3

19088914388. 4

**Question Number : 23 Question Id : 1908893621 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Generally wooden doors are difficult to open or close during rainy season because of

- |               |                    |
|---------------|--------------------|
| (1) Diffusion | (2) Imbibition     |
| (3) Osmosis   | (4) Photosynthesis |

**Options :**

19088914389. 1

19088914390. 2

19088914391. 3

19088914392. 4

**Question Number : 24 Question Id : 1908893622 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Mahabhasya, an outstanding work in the fields of Sanskrit grammar, is attributed to

- |               |             |
|---------------|-------------|
| (1) Ghosha    | (2) Ashwins |
| (3) Patanjali | (4) Kalidas |

**Options :**

19088914393. 1

19088914394. 2

19088914395. 3

19088914396. 4

**Question Number : 25 Question Id : 1908893623 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Who among the following passed the Bengal Sati Regulation Act, 1829, which declared the practice of 'Sati' a punishable offence?

- |                           |                     |
|---------------------------|---------------------|
| (1) Lord William Bentinck | (2) Lord Dalhousie  |
| (3) Lord Wellesley        | (4) Warren Hastings |

**Options :**

19088914397. 1

19088914398. 2

19088914399. 3

19088914400. 4

## **PART B - HORTICULTURE**

**Section Id :** 19088984

**Section Number :** 2

<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	75
<b>Number of Questions to be attempted :</b>	75
<b>Section Marks :</b>	300
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889120
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 26 Question Id : 1908893624 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is sulphur containing amino acid ?

- |                |               |
|----------------|---------------|
| (1) Alanine    | (2) Glutamine |
| (3) Methionine | (4) Valine    |

**Options :**

19088914401. 1

19088914402. 2

19088914403. 3

19088914404. 4

**Question Number : 27 Question Id : 1908893625 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Floating garden is a general feature in \_\_\_\_\_

- |                 |                 |
|-----------------|-----------------|
| (1) Tamil Nadu  | (2) West Bengal |
| (3) Maharashtra | (4) Kashmir     |

**Options :**

19088914405. 1

19088914406. 2

19088914407. 3

19088914408. 4

**Question Number : 28 Question Id : 1908893626 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Bacteria which involved in the phosphate solubilization in soil

(1) Pseudomonas

(2) Penicillium

(3) Rhizobia

(4) Azotobacter

**Options :**

19088914409. 1

19088914410. 2

19088914411. 3

19088914412. 4

**Question Number : 29 Question Id : 1908893627 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

English garden is

(1) Formal garden

(2) Informal Garden

(3) Symmetric garden

(4) Dry garden

**Options :**

19088914413. 1

19088914414. 2

19088914415. 3

19088914416. 4

**Question Number : 30 Question Id : 1908893628 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Cane sugar is a

- |                    |                    |
|--------------------|--------------------|
| (1) Monosaccharide | (2) Disaccharide   |
| (3) Trisaccharide  | (4) Polysaccharide |

**Options :**

19088914417. 1

19088914418. 2

19088914419. 3

19088914420. 4

**Question Number : 31 Question Id : 1908893629 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A secondary metabolite produced by the tea crop which acts as stimulant for human beings

- |              |             |
|--------------|-------------|
| (1) Blastin  | (2) Theane  |
| (3) Caffeine | (4) Cocaine |

**Options :**

19088914421. 1

19088914422. 2

19088914423. 3

19088914424. 4

**Question Number : 32 Question Id : 1908893630 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Key enzyme which controls start of cell cycle is

- |               |                                     |
|---------------|-------------------------------------|
| (1) Nucleases | (2) ATPase                          |
| (3) Cellulase | (4) Cyclin dependent protein kinase |

**Options :**



19088914425. 1

19088914426. 2

19088914427. 3

19088914428. 4

**Question Number : 33 Question Id : 1908893631 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In soil the nitrite is oxidized to nitrate by

(1) Nitrobacter

(2) Nitrosomonas

(3) VAM

(4) Thiobacillus

**Options :**

19088914429. 1

19088914430. 2

19088914431. 3

19088914432. 4

**Question Number : 34 Question Id : 1908893632 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Braking down of triglycerides into monoglyceride taking place using the enzyme

(1) Amylase

(2) Pectinase

(3) Galacturanse

(4) Lipase

**Options :**

19088914433. 1

19088914434. 2

19088914435. 3

19088914436. 4

**Question Number : 35 Question Id : 1908893633 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Fern that fixes atmospheric nitrogen

- |               |                |
|---------------|----------------|
| (1) Azolla    | (2) Dryopteris |
| (3) Diplazium | (4) Tectaria   |

**Options :**

19088914437. 1

19088914438. 2

19088914439. 3

19088914440. 4

**Question Number : 36 Question Id : 1908893634 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is a CAM plant ?

- |           |               |
|-----------|---------------|
| (1) Guava | (2) Rose      |
| (3) Rice  | (4) Pineapple |

**Options :**

19088914441. 1

19088914442. 2

19088914443. 3

19088914444. 4

**Question Number : 37 Question Id : 1908893635 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The intercellular solute transportation takes place through

- |                   |                  |
|-------------------|------------------|
| (1) Microfibrils  | (2) Microtubules |
| (3) Plasmodesmata | (4) Micropore    |

**Options :**

19088914445. 1

19088914446. 2

19088914447. 3

19088914448. 4

**Question Number : 38 Question Id : 1908893636 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The wave length of the Photo synthetically Active Radiation (PAR) ranges from

- |                |                 |
|----------------|-----------------|
| (1) 20-120 nm  | (2) 120-320 nm  |
| (3) 360-720 nm | (4) 720-1020 nm |

**Options :**

19088914449. 1

19088914450. 2

19088914451. 3

19088914452. 4

**Question Number : 39 Question Id : 1908893637 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Artificial seeds can be obtained from

- |                     |                    |
|---------------------|--------------------|
| (1) Ovule culture   | (2) Anther culture |
| (3) Somatic Embryos | (4) Callus         |

**Options :**

19088914453. 1

19088914454. 2

19088914455. 3

19088914456. 4

**Question Number : 40 Question Id : 1908893638 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Phaseolus lunatus is the Scientific name of \_\_\_\_\_ .

- |                  |                  |
|------------------|------------------|
| (1) French bean  | (2) Lima bean    |
| (3) Lab-lab bean | (4) Cluster bean |

**Options :**

19088914457. 1

19088914458. 2

19088914459. 3

19088914460. 4

**Question Number : 41 Question Id : 1908893639 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Abscisic acid (ABA) is a

- |                      |                  |
|----------------------|------------------|
| (1) Mono terpenoid   | (2) Di terpenoid |
| (3) Sesqui terpenoid | (4) Poly terpene |

**Options :**

19088914461. 1

19088914462. 2

19088914463. 3

19088914464. 4

**Question Number : 42 Question Id : 1908893640 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ compounds are essential for wound healing in plants

- |             |               |
|-------------|---------------|
| (1) Alkanes | (2) Alkaloids |
| (3) Phenols | (4) Amines    |

**Options :**

19088914465. 1

19088914466. 2

19088914467. 3

19088914468. 4

**Question Number : 43 Question Id : 1908893641 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Apical dominance is a physiological function of

- |           |                        |
|-----------|------------------------|
| (1) GA    | (2) ABA                |
| (3) Auxin | (4) Triazole compounds |

**Options :**

19088914469. 1

19088914470. 2

19088914471. 3

19088914472. 4

**Question Number : 44 Question Id : 1908893642 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Paclobutrazol is a growth retardant commercially used in

- |            |            |
|------------|------------|
| (1) Mango  | (2) Banana |
| (3) Citrus | (4) Tomato |

**Options :**

19088914473. 1

19088914474. 2

19088914475. 3

19088914476. 4

**Question Number : 45 Question Id : 1908893643 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In acid soils the Plants are stressed due to the toxicity of

- |             |             |
|-------------|-------------|
| (1) Ca & Mg | (2) P & K   |
| (3) Fe & Al | (4) Hg & Pb |

**Options :**

19088914477. 1

19088914478. 2

19088914479. 3

19088914480. 4

**Question Number : 46 Question Id : 1908893644 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Transport of auxin happens through

- |                  |                   |
|------------------|-------------------|
| (1) Cell to Cell | (2) Xylem         |
| (3) Phloem       | (4) Intercellular |

**Options :**

19088914481. 1

19088914482. 2

19088914483. 3

19088914484. 4

**Question Number : 47 Question Id : 1908893645 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Edible portion of Brussels sprout is \_\_\_\_\_ .

- |                   |                         |
|-------------------|-------------------------|
| (1) Thalamus      | (2) Apical meristem     |
| (3) Immature head | (4) Fleshy flower stalk |

**Options :**

19088914485. 1

19088914486. 2

19088914487. 3

19088914488. 4

**Question Number : 48 Question Id : 1908893646 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is a short day plant

(1) Cosmos

(2) Cucumber

(3) Tobacco

(4) Sorghum

**Options :**

19088914489. 1

19088914490. 2

19088914491. 3

19088914492. 4

**Question Number : 49 Question Id : 1908893647 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Part of the body movement of an organism in response to light is known as

(1) Phototropism

(2) Phototactic

(3) Photoperiod

(4) Photorhythm

**Options :**

19088914493. 1

19088914494. 2

19088914495. 3

19088914496. 4

**Question Number : 50 Question Id : 1908893648 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Contour is line connecting equal points of

- |                 |           |
|-----------------|-----------|
| (1) Temperature | (2) Light |
| (3) Wind        | (4) Slope |

**Options :**

19088914497. 1

19088914498. 2

19088914499. 3

19088914500. 4

**Question Number : 51 Question Id : 1908893649 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Silver oak is a \_\_\_\_\_.

- |                     |                      |
|---------------------|----------------------|
| (1) Flowering tree  | (2) Foliage tree     |
| (3) Flowering shrub | (4) Flowering annual |

**Options :**

19088914501. 1

19088914502. 2

19088914503. 3

19088914504. 4

**Question Number : 52 Question Id : 1908893650 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Diameter range of a clay particle is (in mm)

- |                   |                     |
|-------------------|---------------------|
| (1) Above 2.0     | (2) 2.0 to 0.02     |
| (3) 0.02 to 0.002 | (4) Less than 0.002 |

**Options :**



19088914505. 1

19088914506. 2

19088914507. 3

19088914508. 4

**Question Number : 53 Question Id : 1908893651 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Moisture content between Field Capacity and Permanent wilting point is known as

- |                       |                    |
|-----------------------|--------------------|
| (1) Hygroscopic water | (2) Combined water |
| (3) Available water   | (4) Ground water   |

**Options :**

19088914509. 1

19088914510. 2

19088914511. 3

19088914512. 4

**Question Number : 54 Question Id : 1908893652 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ is an example for calcifuge

- |              |            |
|--------------|------------|
| (1) Rice     | (2) Cotton |
| (3) Datepalm | (4) Tea    |

**Options :**

19088914513. 1

19088914514. 2

19088914515. 3

19088914516. 4

**Question Number : 55 Question Id : 1908893653 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Mandore garden is located at \_\_\_\_\_ .

- |               |             |
|---------------|-------------|
| (1) Bhopal    | (2) Jodhpur |
| (3) New Delhi | (4) Chennai |

**Options :**

19088914517. 1

19088914518. 2

19088914519. 3

19088914520. 4

**Question Number : 56 Question Id : 1908893654 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Lichens are example for

- |                  |                |
|------------------|----------------|
| (1) Commensalism | (2) Mutualism  |
| (3) Antibiosis   | (4) Parasitism |

**Options :**

19088914521. 1

19088914522. 2

19088914523. 3

19088914524. 4

**Question Number : 57 Question Id : 1908893655 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Seed dormancy due to hard seed coat is

- |                 |                   |
|-----------------|-------------------|
| (1) Physical    | (2) Physiological |
| (3) Biochemical | (4) All the three |

**Options :**

19088914525. 1

19088914526. 2

19088914527. 3

19088914528. 4

**Question Number : 58 Question Id : 1908893656 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Population density decreases due to

(1) Mortality

(2) Emigration

(3) Both 1 & 2

(4) Immigration

**Options :**

19088914529. 1

19088914530. 2

19088914531. 3

19088914532. 4

**Question Number : 59 Question Id : 1908893657 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Running water in Persian and Mughal garden represents

(1) Life

(2) Chillness

(3) Warmth

(4) Floating

**Options :**

19088914533. 1

19088914534. 2

19088914535. 3

19088914536. 4

**Question Number : 60 Question Id : 1908893658 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Species exert major controlling influence on the community is known as

- |                    |                   |
|--------------------|-------------------|
| (1) Climax species | (2) Super species |
| (3) Supremes       | (4) Dominants     |

**Options :**

19088914537. 1

19088914538. 2

19088914539. 3

19088914540. 4

**Question Number : 61 Question Id : 1908893659 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following disease is caused by protozoa ?

- |               |              |
|---------------|--------------|
| (1) Small pox | (2) COVID-19 |
| (3) Malaria   | (4) Dengue   |

**Options :**

19088914541. 1

19088914542. 2

19088914543. 3

19088914544. 4

**Question Number : 62 Question Id : 1908893660 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The element used as a cathode in Scanning Electron Microscope is

- |            |              |
|------------|--------------|
| (1) Gold   | (2) Copper   |
| (3) Carbon | (4) Tungsten |

**Options :**

19088914545. 1

19088914546. 2

19088914547. 3

19088914548. 4

**Question Number : 63 Question Id : 1908893661 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A common polysaccharide present in the fungal cell wall is

- |                   |            |
|-------------------|------------|
| (1) Cellulose     | (2) Chitin |
| (3) Hemicellulose | (4) Lignin |

**Options :**

19088914549. 1

19088914550. 2

19088914551. 3

19088914552. 4

**Question Number : 64 Question Id : 1908893662 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Secondary metabolites produced by the plants makes them

- |                 |                 |
|-----------------|-----------------|
| (1) Yield more  | (2) Grow faster |
| (3) Competitive | (4) Fragrant    |

**Options :**

19088914553. 1

19088914554. 2

19088914555. 3

19088914556. 4

**Question Number : 65 Question Id : 1908893663 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ promotes female flower production and increases fruit set in bottle gourd

- |                    |              |
|--------------------|--------------|
| (1) Silver nitrate | (2) MH       |
| (3) GA             | (4) Ethylene |

**Options :**

19088914557. 1

19088914558. 2

19088914559. 3

19088914560. 4

**Question Number : 66 Question Id : 1908893664 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Subjecting the seeds to low temperature and high moisture to break dormancy is known as

- |                   |                    |
|-------------------|--------------------|
| (1) Scarification | (2) Stratification |
| (3) Vernalization | (4) Photo blasting |

**Options :**

19088914561. 1

19088914562. 2

19088914563. 3

19088914564. 4

**Question Number : 67 Question Id : 1908893665 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ element is used to increase the shelf life of fruits in storage

- |             |            |
|-------------|------------|
| (1) Calcium | (2) Iron   |
| (3) Zinc    | (4) Carbon |

**Options :**

19088914565. 1

19088914566. 2

19088914567. 3

19088914568. 4

**Question Number : 68 Question Id : 1908893666 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is not present in the plastid membrane

- |                        |                 |
|------------------------|-----------------|
| (1) Galactose          | (2) Digalactose |
| (3) Sulfated galactose | (4) Phosphate   |

**Options :**

19088914569. 1

19088914570. 2

19088914571. 3

19088914572. 4

**Question Number : 69 Question Id : 1908893667 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Movement of the substance against the gradient by spending energy is known as

- |                      |                       |
|----------------------|-----------------------|
| (1) Apoplast         | (2) Symplast          |
| (3) Active transport | (4) Passive transport |

**Options :**

19088914573. 1

19088914574. 2

19088914575. 3

19088914576. 4

**Question Number : 70 Question Id : 1908893668 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Nutrient transfer between Vesicular arbuscular mycorrhizal fungi and plants takes place through

- |                |                |
|----------------|----------------|
| (1) Vesicles   | (2) Mantle     |
| (3) Arbuscules | (4) Root hairs |

**Options :**

19088914577. 1

19088914578. 2

19088914579. 3

19088914580. 4

**Question Number : 71 Question Id : 1908893669 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Chlorophyll molecules are present in \_\_\_\_\_ part of chloroplast

- |                    |                    |
|--------------------|--------------------|
| (1) Outer membrane | (2) Inner membrane |
| (3) Stroma         | (4) Thylakoids     |

**Options :**

19088914581. 1

19088914582. 2

19088914583. 3

19088914584. 4

**Question Number : 72 Question Id : 1908893670 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Yellow vein mosaic virus is problem in

- |             |              |
|-------------|--------------|
| (1) Spinach | (2) Amaranth |
| (3) Chilli  | (4) Okra     |



**Options :**

- 19088914585. 1
- 19088914586. 2
- 19088914587. 3
- 19088914588. 4

**Question Number : 73 Question Id : 1908893671 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Element which act as a co factor for the oxygen evolution in photosynthesis is

- (1) Mo
- (2) Mn
- (3) Mg
- (4) Zn

**Options :**

- 19088914589. 1
- 19088914590. 2
- 19088914591. 3
- 19088914592. 4

**Question Number : 74 Question Id : 1908893672 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ is a precursor in ethylene biosynthesis

- (1) Methionine
- (2) Tryptophan
- (3) Lysine
- (4) Valine

**Options :**

- 19088914593. 1
- 19088914594. 2
- 19088914595. 3
- 19088914596. 4

**Question Number : 75 Question Id : 1908893673 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Magnifying power and focal length in compound microscope has \_\_\_\_\_ relationship

- |             |                |
|-------------|----------------|
| (1) Direct  | (2) Positive   |
| (3) Inverse | (4) Both 1 & 2 |

**Options :**

19088914597. 1

19088914598. 2

19088914599. 3

19088914600. 4

**Question Number : 76 Question Id : 1908893674 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Anthocyanin rich variety of carrot is

- |                     |                  |
|---------------------|------------------|
| (1) Pusa Asita      | (2) Pusa Rudhira |
| (3) Pusa Nayanjothi | (4) Pusa Rohini  |

**Options :**

19088914601. 1

19088914602. 2

19088914603. 3

19088914604. 4

**Question Number : 77 Question Id : 1908893675 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Causes of food safety problems may arise from

- |                      |                      |
|----------------------|----------------------|
| (1) Physical Hazards | (2) Chemical Hazards |
| (3) Bio Hazards      | (4) All the three    |

**Options :**

- 19088914605. 1
- 19088914606. 2
- 19088914607. 3
- 19088914608. 4

**Question Number : 78 Question Id : 1908893676 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Subjecting the produce to low temperature immediately after harvest is known as

- (1) Vernalization
- (2) Stratification
- (3) Pre cooling
- (4) Thermo cooling

**Options :**

- 19088914609. 1
- 19088914610. 2
- 19088914611. 3
- 19088914612. 4

**Question Number : 79 Question Id : 1908893677 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

National Research Centre for Orchid is located at

- (1) Bangalore
- (2) Pasighat
- (3) Shillong
- (4) Pakyong

**Options :**

- 19088914613. 1
- 19088914614. 2
- 19088914615. 3
- 19088914616. 4

**Question Number : 80 Question Id : 1908893678 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Running water habitat condition is known as

- |            |             |
|------------|-------------|
| (1) Marine | (2) Lentic  |
| (3) Lotic  | (4) Benthic |

**Options :**

19088914617. 1

19088914618. 2

19088914619. 3

19088914620. 4

**Question Number : 81 Question Id : 1908893679 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Generally fecundity is high in

- |                    |                     |
|--------------------|---------------------|
| (1) Lower organism | (2) Higher organism |
| (3) both 1 & 2     | (4) None of these   |

**Options :**

19088914621. 1

19088914622. 2

19088914623. 3

19088914624. 4

**Question Number : 82 Question Id : 1908893680 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Major secondary metabolite present in Black pepper is

- |              |                 |
|--------------|-----------------|
| (1) Piperine | (2) Curcumin    |
| (3) Ocimin   | (4) 1-8 ciniole |

**Options :**

19088914625. 1

19088914626. 2

19088914627. 3

19088914628. 4

**Question Number : 83 Question Id : 1908893681 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following tolerates highest salinity

- |               |             |
|---------------|-------------|
| (1) Date Palm | (2) Ber     |
| (3) Aonla     | (4) Coconut |

**Options :**

19088914629. 1

19088914630. 2

19088914631. 3

19088914632. 4

**Question Number : 84 Question Id : 1908893682 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Softening of angularity is a maturity index for

- |            |            |
|------------|------------|
| (1) Mango  | (2) Sapota |
| (3) Banana | (4) Jack   |

**Options :**

19088914633. 1

19088914634. 2

19088914635. 3

19088914636. 4

**Question Number : 85 Question Id : 1908893683 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In controlled atmospheric storage (CAM) controlling is on

- |                          |                         |
|--------------------------|-------------------------|
| (1) Temperature only     | (2) O <sub>2</sub> only |
| (3) CO <sub>2</sub> only | (4) All the three       |

**Options :**

19088914637. 1

19088914638. 2

19088914639. 3

19088914640. 4

**Question Number : 86 Question Id : 1908893684 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ is a non-climacteric vegetable

- |                |                 |
|----------------|-----------------|
| (1) Tomato     | (2) Brinjal     |
| (3) Musk melon | (4) Water melon |

**Options :**

19088914641. 1

19088914642. 2

19088914643. 3

19088914644. 4

**Question Number : 87 Question Id : 1908893685 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Triple sigmoidal growth curve is observed in

- |          |            |
|----------|------------|
| (1) Kiwi | (2) Mango  |
| (3) Teak | (4) Bamboo |

**Options :**

- 19088914645. 1
- 19088914646. 2
- 19088914647. 3
- 19088914648. 4

**Question Number : 88 Question Id : 1908893686 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Edible part of litchi is botanically

- |              |              |
|--------------|--------------|
| (1) Thalamus | (2) Mesocarp |
| (3) Aril     | (4) Placenta |

**Options :**

- 19088914649. 1
- 19088914650. 2
- 19088914651. 3
- 19088914652. 4

**Question Number : 89 Question Id : 1908893687 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is a non-climacteric fruit ?

- |           |           |
|-----------|-----------|
| (1) Apple | (2) Pear  |
| (3) Grape | (4) Guava |

**Options :**

- 19088914653. 1
- 19088914654. 2

19088914655. 3

19088914656. 4

**Question Number : 90 Question Id : 1908893688 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ is known as ripening hormone

- |              |               |
|--------------|---------------|
| (1) Auxin    | (2) Cytokinin |
| (3) Ethylene | (4) ABA       |

**Options :**

19088914657. 1

19088914658. 2

19088914659. 3

19088914660. 4

**Question Number : 91 Question Id : 1908893689 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Fermented beverage made out of plant saps of palms is called as

- |           |            |
|-----------|------------|
| (1) Neera | (2) Arrack |
| (3) Toddy | (4) Wine   |

**Options :**

19088914661. 1

19088914662. 2

19088914663. 3

19088914664. 4

**Question Number : 92 Question Id : 1908893690 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Black leg of cabbage is caused by

- |            |              |
|------------|--------------|
| (1) Fungus | (2) Bacteria |
| (3) Virus  | (4) Insects  |

**Options :**

- 19088914665. 1
- 19088914666. 2
- 19088914667. 3
- 19088914668. 4

**Question Number : 93 Question Id : 1908893691 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Unfruitfulness due to self-incompatibility in fruits may be overcome by using

- |                |              |
|----------------|--------------|
| (1) Sibmating  | (2) Stubbing |
| (3) Pollenizer | (4) Pinching |

**Options :**

- 19088914669. 1
- 19088914670. 2
- 19088914671. 3
- 19088914672. 4

**Question Number : 94 Question Id : 1908893692 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Watermelon contains the toxic compound called \_\_\_\_\_.

- |                |              |
|----------------|--------------|
| (1) Solasodine | (2) Solanine |
| (3) Serotonin  | (4) HCN      |

**Options :**

- 19088914673. 1
- 19088914674. 2

19088914675. 3

19088914676. 4

**Question Number : 95 Question Id : 1908893693 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ mechanism promotes allogamy in onion

- |                |                          |
|----------------|--------------------------|
| (1) Heterostly | (2) Protoandry           |
| (3) Protogyny  | (4) Self incompatibility |

**Options :**

19088914677. 1

19088914678. 2

19088914679. 3

19088914680. 4

**Question Number : 96 Question Id : 1908893694 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Removal of top 2 ft of a branch is known as

- |                  |                  |
|------------------|------------------|
| (1) Thinning out | (2) Heading back |
| (3) Pinching     | (4) Polarding    |

**Options :**

19088914681. 1

19088914682. 2

19088914683. 3

19088914684. 4

**Question Number : 97 Question Id : 1908893695 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Delayed graft incompatibility results in \_\_\_\_\_ in growth

- |                  |                       |
|------------------|-----------------------|
| (1) Vigorousness | (2) Semi vigorousness |
| (3) Dwarfing     | (4) No effect         |

**Options :**

- 19088914685. 1
- 19088914686. 2
- 19088914687. 3
- 19088914688. 4

**Question Number : 98 Question Id : 1908893696 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Xeriscaping focuses on reducing or eliminating \_\_\_\_\_ .

- |                |            |
|----------------|------------|
| (1) nutrients  | (2) light  |
| (3) irrigation | (4) Labour |

**Options :**

- 19088914689. 1
- 19088914690. 2
- 19088914691. 3
- 19088914692. 4

**Question Number : 99 Question Id : 1908893697 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Establishment of lawn focuses heavily on \_\_\_\_\_ .

- |                     |                      |
|---------------------|----------------------|
| (1) O <sub>2</sub>  | (2) NADH             |
| (3) SO <sub>2</sub> | (4) H <sub>2</sub> O |

**Options :**

- 19088914693. 1
- 19088914694. 2

19088914695. 3

19088914696. 4

**Question Number : 100 Question Id : 1908893698 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

\_\_\_\_\_ is raised by layering.

(1) Carnation

(2) Chrysanthemum

(3) Both 1 and 2

(4) None of these

**Options :**

19088914697. 1

19088914698. 2

19088914699. 3

19088914700. 4