RS - 1 12 - Sid

FIRST REVISION TEST - 2025 12176

| The same | | | Marks : 7 |
|----------|---|---|--|
| | PA | RT - I | The state of the s |
| I | Answer all the questions. | | 1.00 |
| 1. | Choose the correct answer and w Coleorhiza is found in | rite the option code. | $15 \times 1 = 1$ |
| | | | |
| | | c) Pea d) Trida: | (|
| 2. | In his classic experiments on pea plan | its, Mendel did not use | |
| | a) flowering position b) seed color | | eed shape |
| 3. | DNA element with ability to change po | sition is called | |
| | a) Cistron b) Transposon | c) Intron d) Recor | ı |
| 4. | Which one of the following palindromi | c base sequence in DNA can be o | easily cut at |
| | about the middle by some particular r | estriction enzymes? | |
| | a) 5' CGTTCG 3' 3' ATCGTA 5' | b) 5' GATATG 3' 3' CTACTA | 5′ |
| | c) 5' GAATTC 3' 3' CTTAAG 5' | d) 5' CACGTA 3' 3' CTCAGT | 5′ |
| 5. | Virus free plants are developed from | | |
| | a) organ culture | b) meristem culture | |
| | c) protoplast culture | d) cell suspension culture | |
| 6. | In soil water available for plants is | | |
| | a) Gravitational water | b) Chemically bound water | |
| | c) Capillary water | d) hygroscopic water | |
| 7. | Ecosystem consists of | | |
| | a) Decomposers b) producers | c) consumers d) all of ti | ne above |
| В. | The plants which are grown is silivpasture system are | | |
| 4 4 | a) Sesbania and Acacia | b) Solanum and Crotalaria | |
| | c) Clitoria and Begonia | d) Teak and Sandal | • |
| Э. | The quickest method of plant breeding | | |
| 4 | | | on breeding |
| 10. | The only cereal that has originated and | | M. That is the second |
| | a) Oryza sativa b) Tritium asetivum | | 1. 文章的文章 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. |
| 11. | Drosera is commonly known as | | |
| | a) Sun dew plant b) Pitcher plant | c) Venus fly trap d) Bladde | r wort |
| 12. | Select the incorrect pair. | | |
| | Common Name Botanical Nam | | |
| | a) Keezhanelli – Phyllanthus am b) Adathodai – Justicia adhato | 그 이 그리고 그리다는 그리다는 이 가장 속에 살아왔다면 하는데 그 네 그림은 어떻게 되었다. 그림을 바다 다음이다. | |
| | b) Adathodai - Justicia adhato c) Nilavembu - Hevea brasilien | | |
| | d) Turmeric - Curcuma longa | (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| | , ongo | RS - 1 12 ក្ខាល់ប្រជ័យទាំ | AL PROPERTY AND AND ADDRESS. |

| | 었다면 하다 보다 보다 가수는 선생들이 보다는 이번 없는 그리고 하다면 하다면 하다 보다. 그리고 있다면 하다고 있다면 하다면 하다면 하다면 하다면 하다면 하다면 하다면 하다. | | | |
|---------------|--|--|--|--|
| 13. | Fresh weight of an orchid seed may be | | | |
| | a) 0 microgram b) 20.33 microgram c) 15 microgram d) 30.05 microgram | | | |
| 14. | Colchicine is extracted from plant, | | | |
| | a) Calchicum autumnale b) Camellia sinensis | | | |
| | c) Coffee arabica d) Cucumis Sativus | | | |
| 15 | The location of the first Gamma garden | | | |
| | a) Delhi b) Calcutta c) Chennal d) Mumbal | | | |
| Espirate Fig. | | | | |
| | PART - 11 | | | |
| II | Answer any six of the following. Question number 24 is compulsory. | | | |
| 16. | Draw and label the parts of cut opened dicot seed? $6 \times 2 = 12$ | | | |
| 17. | Define Genetics. | | | |
| 18. | What is TATA box? | | | |
| 19. | What are the materials used to grow micro - organisms like spirulina? | | | |
| 20. | | | | |
| 21. | What is seed ball? | | | |
| 22. | Pyramid of energy is always upright. Give reasons? | | | |
| 23 | | | | |
| 24 | . Which one of the chemical substance is responsible for the yellow colour in turmeric? | | | |
| 20 | Mention the uses of the chemical substance? | | | |
| | PART - III | | | |
| 11 | 그는 그녀들의 선생님이라는 그는 그 그 그 이상들이 그는 그는 그는 그는 그는 그는 그는 그는 그는 그들이 그를 가지 않는 그는 그를 하는 것이다. 그는 그를 살아내는 그는 그를 살아내는 그는 그를 살아내는 그는 그를 살아내는 그를 살아보는 그를 살아내는 그를 살아보는 그를 살아내는 그를 살아보는 그를 살아보는 그를 살아내는 | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | 9. What is thermal stratification? Mention their types? | | | |
| 3 | Draw a pyramid from following details and explain in brief. | | | |
| | Quantities of organisms are given - Hawks - 50, Plants - 1000, Rabbit and | | | |
| - 17 | Mouse - 250 + 250, Pythons and Lizard - 100 + 50 respectively. | | | |
| 3 | 1. How are microbial innoculants used to increase the soil fertility? | | | |
| 3 | 2. Write the economic importance of Teak and Rice? | | | |
| 3 | 3. Write short notes on Bio monitoring? | | | |
| | 마리 가장이 다리 보다 하는데 (Color) 그리고 있다고 하다겠다. 그 얼마 하는데 아니라 그 사람들은 사람들이 다 그 모든 현재 가능 모양하다. | | | |
| ·I | V Answer all questions. | | | |
| 452 A | 4. a) What is endosperm. Explain the types? (OR) | | | |
| | b) Describe dominant epistasis with an example? | | | |
| 3 | 5. a) What is gene mapping? Write its uses? (OR) | | | |
| | b) Mention the application of Biotechnology? | | | |
| 3 | 6. a) Explain the basic concepts involved in plant tissue culture? (OR) | | | |
| | b) Enumerate the anatomical adaptations of xerophytes? (OR) | | | |
| 3 | b) Explain afforestations of xerophytes? (OR) | | | |
| | b) Explain afforestation with case studies? (OR) | | | |
| | 10. dl What are the different trans | | | |
| | b) How will you prepare an organic pecticide for | | | |
| 144 | b) How will you prepare an organic pesticide for your home garden with the vegetables | | | |
| | | | | |
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