

* Department of Botany ** Student Centric Activity - Suprise Test - 3/9/19B.Sc. IInd :- Test. - 25 marks (MCQ)

Sr. no.	Name of the student	Marks
1.	Zambare vijay Mahadev	05
2.	chandanshive Aniket Dattu	04
3.	Devkar sukanya Navnath	06
4.	Suryawanshi Mira Tatyasabeh	10
5.	Bumud Kalyani Datta	08
6.	Nalwade Poaja Ramesh	05
7.	Patel saniya Taber	07
8.	Baraskar swapnil Raghunath	05
9.	Nanaware vidya Gorakh	07
10.	Sutar poaja pradip	07
11.	Sayyad zeba Nesar Ali	08
12.	shaikh Arshiya Abdul	01
13.	mujawar Bushra Nurroodin	07
14.	shaikh Fauziya Rafik	02
15.	shaikh Anwar A. Gani	08
16.	mishra Ankita santosh	06
17.	Baraskar Divya Tukaram	06
18.	Nalwade Harshada Vasant	05
19.	Gaikwad Bhagyashri Rajendra	07
20.	Bulbale Akansha Dnyaneshwar	10
21.	Chaudhari Sonali Shashikant	07
22.	Baraskar Samadhan Datta	06

Dr. S. S. Charan

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Department Of Botany
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SHIKSHAN MAHARSHI GURUVARYA R. G. SHINDE

MAHAVIDYALAYA PARANDA

B.SC. II BOTANY TEST-2019-20(SEM. III)

Time: 10:AM. Date: 3/9/19

25 MARKS

Student Name: Sueyavanshi Miza Tatyasaheb

Signature of Student: [Signature]

Invigilator's Signature With Date: [Signature]

1. Which of the following is an example of intergenic gene interaction?

- (A) Multiple alleles (B) Co-dominance
(C) Incomplete dominance (D) Polygene

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2. Which one of the following is NOT a disadvantage of self pollination?

- (A) No scope for developing improved varieties (B) Progeny becomes weaker
(C) Genetic stability can be maintained (D) Less adaptability to climatic variations

3. Dark reaction of photosynthesis is a cyclic process as _____ is regenerated.

- (A) RuBP (B) CO₂ (C) Glucose (D) PGA

4. What is the approximate size of nucleus in a typical mammalian cell?

- (A) 2.2 meter (B) 1.2 meter (C) 10⁻⁴ meter (D) 10⁻⁶ meter

5. In two turns of Krebs cycle the number of NADH₂ molecules produced is _____

- (A) Six (B) Five (C) Four (D) Three

6. Which one of the following enzyme cuts the DNA within the specific positions?

- (A) Exonuclease (B) Alkaline phosphatase
(C) Restriction endonuclease (D) Reverse transcriptase

7. The decomposers in an ecosystem are _____

- (A) autotrophs (B) microconsumers (C) macroconsumers (D) abiotic components

8. Which of the following represents the correct sequence of nucleic acids considering their decreasing molecular weight?

- (A) DNA-mRNA-tRNA-rRNA (B) DNA-mRNA-rRNA-tRNA
(C) DNA-rRNA-tRNA-mRNA (D) DNA-tRNA-mRNA-rRNA

9. In members of family Crassulaceae _____ is regenerated from starch during night.

- (A) Phospho Enol Pyruvic Acid (B) Pyruvic Acid
(C) Malic Acid (D) Oxalo Acetic Acid

10. Which one of the following plants reproduces vegetatively by epiphyllous buds?

- (A) Sweet potato (B) Potato (C) Onion (D) Kalanchoe

11. In Anulosira, Tolypothrix and Nostoc, _____ are the sites for Nitrogen fixation.

- (A) vesicles (B) arbuscles (C) akinetes (D) heterocysts

