



Library
Pharmaceutical Technology
Brainware University
Barasat, Kolkata-700125

BRAINWARE UNIVERSITY
Term End Examination 2019 – 20
Programme – Bachelor of Pharmacy
Course Name – Remedial Biology
Course Code – BP106RBT
(Semester – 1)

Time allotted: 1 Hour 30 Minutes

Full Marks: 35

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Short Answer Type Questions)

5 x 5 = 25

Answer any *five* from the following

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|----|--|---|
| 1. | Write a short note on guidelines of binomial nomenclature. | 5 |
| 2. | (a) Classify the mode of nutrition of plants. | 1 |
| | (b) Write a short note on heterotrophic nutrition. | 4 |
| 3. | (a) What do you mean by cellular respiration? | 1 |
| | (b) What are aerobic and anaerobic respiration? | 2 |
| | (c) Write the differences between aerobic and anaerobic respiration. | 2 |
| 4. | (a) What is hormone? | 1 |
| | (b) Define exocrine and endocrine gland. | 2 |
| | (c) Write down the properties of hormone. | 2 |
| 5. | (a) Classify nervous system. | 2 |
| | (b) What is synapse? | 1 |
| | (c) Discuss about the different functions of synapse. | 2 |
| 6. | (a) What is blood pressure? | 1 |
| | (b) What is normal blood pressure of an adult human being? | 1 |
| | (c) What are the various factors affecting blood pressure? | 3 |
| 7. | (a) Define haemostasis. | 1 |
| | (b) What are the different stages of hemostasis? | 1 |
| | (c) Describe each stage of hemostasis. | 3 |

Group – B

(Long Answer Type Questions)

1 x 10 = 10

Answer any *one* from the following

- | | | | |
|----|-----|--|---|
| 8. | (a) | What is virus? | 1 |
| | (b) | Write down the important features of virus. | 4 |
| | (c) | Classify virus based upon their morphology, Size, type of host and genome composition. | 3 |
| | (d) | Draw a schematic diagram of bacteriophage virus and mention the various body parts. | 2 |
| 9. | (a) | Classify plant tissue. | 4 |
| | (b) | Write in details about permanent tissue | 6 |
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