

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
ACADEMIC YEAR 2018/2019 – SEMESTER II
BACHELOR OF PHARMACY HONOURS
BPU2120-BIOCHEMISTRY-LEVEL 4
FINAL EXAMINATION
DURATION: 2 HOURS

05 NOV 2019
EXAMINATIONS DIVISION



2

DATE: 05TH OF NOVEMBER 2019

TIME: 9.30 A.M.-11.30 A.M.

INDEX NO.....

Part – B (40 Marks)

1. State four (04) differences of DNA and RNA. (08 marks)

- I
- II
- III
- IV

2. Briefly explain “an allosteric enzyme”. (08 marks)

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3. State the differences between exo - enzymes and endo - enzymes. (08 marks)

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4. Briefly explain the theory of covalent modification. (08 marks)

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5. Name the four (04) main classes of biomolecules. (08 marks)

- I
- II
- III
- IV

Index No.....

Part C – (30 Marks)**Answer only two (02) questions.**

1. Briefly explain the factors affecting the enzyme activity. (15 marks)
2. Briefly explain the three (03) types of secondary structures of protein. (15 marks)
3. Briefly explain the mechanism of steroid hormones, with the help of a suitable diagram. (15 marks)