

AU-276

M.Sc. (Part-I) Semester-I (C.B.C.S. Scheme) Examination

BIOINFORMATICS

(Computer for Biologists)

Paper—III

Time : Three Hours]

[Maximum Marks : 80

Note :— (1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Assume suitable data wherever necessary.

1. Classify and describe computers in detail. 16

OR

What is meant by input and output devices ? Explain any three input and output devices each.

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2. What is the purpose of "Spell check and grammar" in MS-Word ? Explain by means of suitable example. 16

OR

Describe various text-effects and animations provided by MS-PowerPoint.

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3. Explain :

- (a) Dial-up Internet connection 4
(b) WWW 4
(c) LAN 4
(d) email. 4

OR

- (p) TCP/IP 4
- (q) Domain Name 4
- (r) Netscape Navigator 4
- (s) Ring topology. 4
- 4. (a) What is the purpose of 'compilation, linking and loading' for a C language program ? Explain. 5
- (b) What is meant by an algorithm ? Explain with suitable example. 5
- (c) Describe the structure of C program. 6

OR

- (p) What is variable ? How they can be used in C language ? Explain. 5
- (q) What are logical operators provided by C language ? Where do we use them ? Explain. 5
- (r) Describe in brief data types provided by C language. 6
- 5. (a) Explain simple if and if-else statement with example. 5
- (b) Describe two-dimensional arrays in C. Give example. 5
- (c) State and explain the functions which are used to 'open' and 'close' a file. 6

OR

- (p) What is meant by control statement ? Explain any two of them provided by C language. 5
- (q) Write a C program to find a transpose of 3×3 matrix of integer. 5
- (r) Describe in brief 'file handling' with reference to a C language. 6