

S.No. 2090

08UCSA04/12UCSA04

(For the candidates admitted from 2008 – 2009 onwards)

B.Sc. DEGREE EXAMINATION, APRIL/MAY 2018.

Fourth Semester

Allied — COMPUTER APPLICATIONS IN BIOLOGY

(Common for Biochemistry/Biotechnology/Microbiology)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is a Workstation?
2. Expand the MICR and OCR.
3. What are Tokens in C?
4. What is an Escape Sequence?
5. List the two control structure of the loop.
6. Define the term Dynamic Arrays.
7. List the various String-handling functions.

8. Define Structures.
9. List any four Search Engines.
10. What is a Browser?

PART B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Describe the classification of Computers.  
Or  
(b) Write a note on primary memory unit.
12. (a) Discuss about Constant and Variables in C.  
Or  
(b) Describe the Reading and Writing a character.
13. (a) Explain the Switch statements with an examples.  
Or  
(b) Explain about Nesting of IF.....ELSE statement.
14. (a) Briefly explain the Definition of Function.  
Or  
(b) Write a short note on Unions.

15. (a) Explain the sequences of Databases.

Or

- (b) Write a short note on Web pages and WWW.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about various Input devices.
17. Explain the various types of Operators in c with examples.
18. Explain the followings (a) One-dimensional array  
(b) Multi-dimensional array.
19. Discuss the different categories of Function in C.
20. Explain about Biological data analysis and applications.