

III Semester B.C.A. Degree Examination, March/April 2023 (NEP Scheme) (Freshers) (2022 – 23 and Onwards) COMPUTER SCIENCE

NP - 316

15. Consider the following set of process with CPU burst time in MS.

Process	CPU Burst time
P ₁	5
P ₂	10
P ₃	6
P ₄	2

Draw the Gantt Chart, find average waiting time and turn arround time using i) FCFS ii) SJF. 8 16. a) Explain different fragmentation. b) Write a short notes on demand paging. (4+4) 17. a) Explain File protection. b) Describe the different directory structures. (4+4) 18. Explain different disk scheduling algorithms with suitable example. 8