

**GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE, DURG**  
**ASSIGNMENT QUESTION (2024-25)**  
**BCA – III SEMESTER**  
**COURSE CODE – BCA-303(L)**  
**DSC- OPERATING SYSTEM WITH LINUX**

**Max.Marks: 20**

**Note:** Section 'A' & 'B' containing 2 very short-answer-type questions, is compulsory. Section 'C' consists of short-answer-type questions and Section D is long-answer-type questions.

**Section - 'A'**

**Answer the following very short-answer-type questions in one or two sentences: (1×2=2)**

Q.1 What is Process?

**Section - 'B'**

**Answer the following very short-answer-type questions in one or two sentences: (1×2=2)**

Q.1 What is schedulers?

**Section - 'C'**

**Answer the following short-answer-type questions in one or two sentences: (1×6=6)**

Q.1 What is PCB? Explain with diagram.

**OR**

Write the difference between LTS,MTS & STS?

**Section – 'D'**

**Answer the following long answer type questions in word limit 150- 200: (1×10=10)**

Q.1 Write is process state? Explain the process state transition diagram in detail

**OR**

What is Scheduling? Explain types of scheduling in detail?