



Yashwantrao Chavan Maharashtra Open University, Nashik

Year 2024-25- Home Assignment

Programme: BCA(P131)

Semester: III

Course Name: Operating System (CMP507)

GENERAL INSTRUCTIONS:

1. Home assignments help learner in evaluating their preparation for exams and tracking their academic advancement.
2. Carefully read all the questions and their respective marks in the home assignment to thoroughly understand the concepts.
3. Write the information as per given below format.

Name of the Learner : Course Code:

P.R.N No: Date of completion of HA:

Name of the study center:

Marks obtained: Total marks: **20** Sign of the H.A. Examiner :

4. Before you write the assignments, first go through the course material and then prepare the assignments carefully.
5. Do not copy matter or content directly from the textbooks or any other resources. Ensure to mention your own ideas and opinions whenever necessary while writing your home assignment.
6. Student has to download the Home Assignments and after writing Home Assignments in readable (legible) handwriting should have to upload scan copy of Home Assignment in pdf format on the website <https://asm.ycmou.org.in/>.
7. Printed or typed answers are not allowed.
8. The marks of Home assignment and corrective instructions will be sent after checking the home assignment.
9. Complete the home assignment according to the guidelines and rules. Before communicating with the university, thoroughly read all of the instructions and rules.
10. Repeater learners should upload their completed Home Assignments on the website. (see instructions No.6) .
11. Every home assignment is of twenty marks and each question carries five marks.

Ranjita Rathor

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Evaluation Division,

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Operating System (CMP507)

(20 Marks)

Q.1 Explain the services provided by an Operating System?

(5 Marks)

Q.2 What are the conditions under which a deadlock situation may arise?

(5 Marks)

Q. 3 What is Thread? Explain Multithreading.

(5 Marks)

Q.4 What is System Call? Explain various system calls..

(5 Marks)