

*This question paper contains 6 printed pages.]*

**1756**

*Your Roll No. ....*

**PGDCA / II Sem.**

**A**

**Paper–CS–2.1**

**OPERATING SYSTEM**

**(Admissions of 1998 and onwards)**

*Time : 3 Hours*

*Maximum Marks : 100*

*(Write your Roll No. on the top immediately  
on receipt of this question paper.)*

*Attempt all questions. Parts of a  
question should be answered together.*

1. (a) What are the major functions of an operating system with respect to file management ? 3
- (b) What are privileged instructions? In which mode of the operating system are they executed? Justify your answer. 2+2
- (c) Describe the action taken by an operating system to switch context between Kernel level threads. 3

[P.T.O.]

# Operating System Pgdca 1 Sem Question Paper

**Manish Soni**



## **Operating System Pgdca 1 Sem Question Paper:**

**IGNOU PGDCA First Semester Previous Years Unsolved Papers** Manish Soni,2024-11-13 The Book has been carefully curated to serve as an essential resource for students enrolled in the Post Graduate Diploma in Computer Applications PGDCA program at IGNOU This book is a comprehensive compilation of previous years theory papers for all Semester 1 subjects designed to offer students a practical and thorough preparation tool for their exams The PGDCA program is known for its rigorous curriculum covering fundamental and advanced topics in computer science programming software development and applications With the growing demand for skilled professionals in the field of information technology this diploma equips students with the knowledge and skills required to excel in the industry However mastering the concepts and successfully navigating through the examinations is no easy feat and that is where this book aims to assist The primary goal of this book is to help students gain a deeper understanding of the core subjects taught in Semester 1 of the PGDCA program By providing access to unsolved theory papers from previous years this book serves as a valuable tool for students to practice and refine their problem solving skills improve their understanding of key concepts and become familiar with the format and structure of the IGNOU examinations Unsolved papers play a crucial role in exam preparation as they offer students the opportunity to engage with real questions that have appeared in past exams This helps in reinforcing theoretical knowledge as well as in testing one's ability to apply concepts in a practical exam oriented setting The unsolved format encourages independent study and self assessment allowing students to identify areas where they need more focus and improvement Each chapter in this book corresponds to a different subject taught in Semester 1 of the PGDCA program The chapters begin with an introduction to the subject outlining the key concepts and topics that students should focus on Following this introduction the unsolved theory papers are presented These papers are arranged in a sequential manner with questions from different years placed together for ease of reference

**Universities Handbook** ,2000 *IGNOU PGDCA MCS 203 Operating System Previous Years Unsolved Papers* Manish Soni,2024-11-13 The IGNOU MCS 203 Operating System course is a vital part of the Post Graduate Diploma in Computer Applications PGDCA curriculum It lays the foundation for understanding the core functions of operating systems such as process management memory allocation file systems CPU scheduling and security These concepts are critical for students who aim to build a strong career in computer science and information technology This book *IGNOU MCS 203 Operating System Previous Years Unsolved Papers* has been compiled to provide students with an invaluable resource for their exam preparation It brings together a collection of previous years unsolved question papers offering students the opportunity to practice assess their knowledge and develop problem solving strategies These unsolved papers are an excellent way to strengthen the understanding of operating system fundamentals and prepare for the types of questions likely to appear in exams The focus of this book is to encourage self study and independent thinking By working through these papers students will gain a clearer understanding of key operating

system topics improve their analytical skills and become familiar with the exam format We believe this compilation will help students achieve academic success and build a strong foundation in operating systems We hope this book serves as a valuable tool for students and aids them in their journey toward academic and professional success **Operating System**

**PYQs Unsolved Book-IGNOU** Manish Soni,2024-09-18 The Operating System Previous Year Unsolved Question Papers book for IGNOU students is an essential resource for mastering the concepts of operating systems This book provides a collection of unsolved previous year question papers from the IGNOU syllabus specifically tailored for those pursuing BCA MCA and PGDCA programs It is designed to help students gain deeper insight into operating system fundamentals while preparing effectively for their exams Operating systems are the backbone of computer systems managing hardware resources running applications and ensuring smooth user interactions This book covers a wide range of topics from the course including process management memory management file systems concurrency deadlocks scheduling algorithms system security and more By working through these unsolved papers students will not only understand the theoretical aspects but also practice applying concepts to solve real world operating system problems The unsolved format challenges students to think critically and independently as they work through each problem simulating the actual exam environment This approach helps in improving problem solving skills time management and conceptual clarity Students can use the book to test their knowledge identify areas that need more attention and build confidence for the final exam With questions reflecting the actual exam format this book serves as an excellent tool for revision and self assessment It helps students familiarize themselves with the types of questions commonly asked in IGNOU s operating system exams ensuring they are well prepared to face the test Whether you are looking to review important topics practice solving complex problems or get an in depth understanding of operating systems the Operating System Previous Year Unsolved Question Papers book is an invaluable resource for IGNOU students aiming to excel in their exams *IGNOU PGDCA Previous Year Unsolved Question Papers Specially for Semester 1 - PART 1* Manish Soni,2024-09-20 The IGNOU PGDCA Previous Year Unsolved Question Papers Specially for Semester 1 PART 1 is an essential resource for students enrolled in the Post Graduate Diploma in Computer Applications PGDCA program at Indira Gandhi National Open University IGNOU This book focuses on Semester 1 providing a collection of unsolved question papers from previous years It is designed to help students practice and test their knowledge offering insight into the types of questions typically asked in the exams This book is an invaluable tool for thorough exam preparation and enhancing problem solving skills helping students build confidence as they work towards mastering the Semester 1 curriculum

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