



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem. –533 437, Near Peddapuram, Kakinada District., A.P.

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada & Accredited by NBA)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 17/03/2024

## CIRCULAR

All the students and staff are hereby informed that the event of Online Quiz on “**Database Management System and Operating Systems**” organized by pragsoft association with Carrier Guidance Cell will be conducted on **20-03-2024**.

For registration and other details the student may contact the Faculty Co-Ordinator Mr.S.K.Sankar (Mobile: 9063270672) and Student Moderators Ms.B Sudha| (22A35A0508) and Ms.P Jaya Lakshmi (22A35A0510).

HOD-CSE



# PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada,  
Accredited by NBA, NAAC with "A" grade, Recognized by UGC under sections 2(f) & 12(b)  
ADB Road, Surampalem, Near Peddapuram, E.G. Dist., A.P.

## DEPARTMENT OF CSE

Student Club

**PRAGSOFT**

in association with Career Guidance Cell  
organizes

**Online Quiz on**

**DBMS and OS**

20/03/2024

10:00 AM - 12:30 PM

**Quiz Link**

<https://forms.gle/kbFRBRdWCydUwi4C9>

**Moderators**

Ms . B . Sudha (22A35A0508)

Ms . P . Jayalakshmi (22A35A0510)

**Faculty Coordinator**

S. K. Sankar

Assistant professor

Department of CSE

**THE FOLLOWING QUESTIONS ARE PRESENTED IN THE ONLINE QUIZ**

**QUIZ QUESTIONS**

---

1. What is an operating system?
  - a) interface between the hardware and application programs
  - b) collection of programs that manages hardware resources
  - c) system service provider to the application programs
  - d) all of the mentioned
2. What is the main function of the command interpreter?
  - a) to provide the interface between the API and application program
  - b) to handle the files in the operating system
  - c) to get and execute the next user-specified command
  - d) none of the mentioned
3. In Operating Systems, which of the following is/are CPU scheduling algorithms?
  - a) Priority
  - b) Round Robin
  - c) Shortest Job First
  - d) All of the mentioned
4. To access the services of the operating system, the interface is provided by the \_\_\_\_\_
  - a) Library
  - b) System calls
  - c) Assembly instructions
  - d) API
5. CPU scheduling is the basis of \_\_\_\_\_
  - a) multiprogramming operating systems
  - b) larger memory sized systems
  - c) multiprocessor systems
  - d) none of the mentioned
6. Which one of the following errors will be handle by the operating system?
  - a) lack of paper in printer
  - b) connection failure in the network
  - c) power failure
  - d) all of the mentioned
7. Where is the operating system placed in the memory?
  - a) either low or high memory (depending on the location of interrupt vector)
  - b) in the low memory
  - c) in the high memory
  - d) none of the mentioned
8. If a process fails, most operating system write the error information to a \_\_\_\_\_
  - a) new file
  - b) another running process
  - c) log file
  - d) none of the mentioned

9. Cascading termination refers to the termination of all child processes if the parent process terminates \_\_\_\_\_
- Normally or abnormally
  - Abnormally
  - Normally
  - None of the mentioned
10. Transient operating system code is a code that \_\_\_\_\_
- stays in the memory always
  - never enters the memory space
  - comes and goes as needed
  - is not easily accessible
11. What is the full form of DBMS?
- Data of Binary Management System
  - Database Management System
  - Database Management Service
  - Data Backup Management System
12. What is a database?
- Organized collection of information that cannot be accessed, updated, and managed
  - Collection of data or information without organizing
  - Organized collection of data or information that can be accessed, updated, and managed
  - Organized collection of data that cannot be updated
13. Which type of data can be stored in the database?
- Image oriented data
  - Text, files containing data
  - Data in the form of audio or video
  - All of the above
14. In which of the following formats data is stored in the database management system?
- Image
  - Text
  - Table
  - Graph
15. Which of the following is not a type of database?
- Hierarchical
  - Network
  - Distributed
  - Decentralized
16. Which of the following is not an example of DBMS?
- MySQL
  - Microsoft Access
  - IBM DB2
  - Google
17. Which of the following is not a feature of DBMS?
- Minimum Duplication and Redundancy of Data
  - High Level of Security
  - Single-user Access only
  - Support ACID Property

18. Which of the following is not a function of the database?
- a) Managing stored data
  - b) Manipulating data
  - c) Security for stored data
  - d) Analyzing code
19. Which of the following is a component of the DBMS?
- a) Data
  - b) Data Languages
  - c) Data Manager
  - d) All of the above
20. What does an RDBMS consist of?
- a) Collection of Records
  - b) Collection of Keys
  - c) Collection of Tables
  - d) Collection of Fields

**THE FOLLOWING STUDENTS ARE PARTICIPATED IN THE ONLINE QUIZ EVENT**

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**SUMMARY INFORMATION OF THE STUDENTS WHO PARTICIPATED FROM DIFFERENT BRANCHES**

<b>S.NO</b>	<b>BRANCH</b>	<b>COUNT</b>
1	CSE	5
2	CSE-AI	45
3	CSE-DS	35
4	ECE	4
5	EEE	3
	<b>TOTAL</b>	<b>92</b>

Date: 20-03-2024

**A Report On Technical Quiz Contest By PragSoft**

A online quiz competition on DS (Sorting Techniques & Searching Techniques) is organized by Ms. B. Sudha (22A35A0508) and Ms. P. Jayalakshmi (22A35A0510) as resource persons on 20th February 2024. A total of 92 No's students from 1st and 3<sup>rd</sup> year B.Tech have attended the contest. The contest began at 11:00AM of 20<sup>th</sup> Mar 2024 and ended at 02:00 PM of 20<sup>th</sup> Mar 2024.

Dignitaries of the program were Dr.K Satyanarayana sir, Principal, Pragati Engineering College and Dr. D.V.Manjula, HOD, Department of Computer Science and Engineering, PEC, enlightened the audience by participating in quiz and its importance.

Principal Dr.K Satyanarayana Sir, PEC, congratulated all the participants and theorganizing team, Department of CSE Good luck.

Contest link:

<https://forms.gle/xX3av2hgGU4oz2rSA>

FACULTY CO-ORDINATOR

S K Sankar

Asst. Professor

CSE

HOD

Dr. D.V.Manjula

Professor & HOD

CSE

The following are the students who got merit certificate in the online quiz event

# Certificate of Achievement

This certificate is proudly awarded to Yalla Sri Surya Devi of Roll Number 21A31A05G3 for their extraordinary performance in the online quiz conducted on the topic "DBMS AND OS" on 20th March, 2024



\_\_\_\_\_  
SIGNATURE OF PRINCIPAL

# Certificate of Achievement

This certificate is proudly awarded to Tadepalli Sri Vasanthi of Roll Number 21A31A05F9 for their extraordinary performance in the online quiz conducted on the topic "**DBMS AND OS**" on 20th March, 2024



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SIGNATURE OF PRINCIPAL