

CODE: 6522 (CBCS VOC-WT)



PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA

VI-SEMESTER END EXAMINATIONS-MARCH-2019

III YR B.Sc., SUBJECT/ PAPER: SCALABILITY WEB DEVELOPMENT

DATE: 13.03.2019 (WEDNESDAY), TIME: 09.00 AM

Max. Marks: 70

Reg. No.

--	--	--	--	--	--	--	--

Duration: 3 Hrs

Section – I

Answer ALL Questions (Very short answer questions)

(5x1=5M)

1. Define the term Scalability?
2. Define horizontal scaling?
3. What is PYTHON Lambda?
4. What is MYSQL?
5. What is DROP Table (Definition & Syntax)?

Section – II

Answer any 5 Questions (Short answer questions)

(5x5=25M)

6. Define Array in Python? Explain with suitable example?
7. List out the features of PYTHON?
8. A) PYTHON Variables? B) PYTHON Keywords.
9. Write an example program for Loops in Python?
10. Discuss about the Aggregate Functions available in MYSQL?
11. What is MYSQL? Elaborate the features of MYSQL?
12. What is View in MYSQL? Explain briefly with suitable example?
13. What is A) GROUP BY CLAUSE? B) HAVING CLAUSE?

Section – III

Answer Any Four Questions

(4x10=40M)

14. What is CAP Theorem? Explain Briefly?
15. Explain the Concept of Shading?
16. Discuss about PYTHON Operators?

QP CODE: 6240 (CBCS)

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA

VI-SEMESTER END EXAMINATIONS-MARCH-2019 /

III YR B.Sc., SUBJECT/ PAPER: COMPUTERS-PAPER 7

OPERATING SYSTEMS

DATE: 26.03.2019(TUESDAY), TIME: 09.00 AM

Marks: 70

Reg. No.

--	--	--	--	--	--	--	--

Duration: 3 Hrs

SECTION - I

Answer ALL questions

5 × 1 = 5 M

01. Define Booting.
02. Define Processing.
03. What is segmentation?
04. What is user interface?
05. Define Deadlock.

SECTION - II

Answer ANY FIVE questions

5 × 5 = 25 M

06. Explain the purpose of Operating System.
07. Explain about services of an Operating System.
08. Explain CPU Scheduling.
09. Explain about Memory Management.
10. What are the file operations?
11. Explain about Disk structure.
12. Explain about Deadlock characterization.
13. Explain about Deadlock and Recovery.

SECTION - III

Answer ALL questions

4 × 10 = 40 M

14. a) Explain the structure of an Operating System.
(OR)
b) Explain about various types of Operating System?
15. a) Explain about preemptive scheduling algorithm.
(OR)
b) What are the advantages and disadvantages of Virtual Memory?
16. a) Explain about File System Structure.
(OR)
b) Write about File Access Methods.
17. a) Explain about classification of virus.
(OR)
b) Explain about Deadlock Avoidance.

QP CODE: 6242 (CBCS)

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA
VI-SEMESTER END EXAMINATIONS-MARCH-2019

III YR B.Sc., SUBJECT/ PAPER: COMPUTERS - CLUSTER 1B/PAPER 9

CLOUD COMPUTING

DATE: 28.03.2019(THURSDAY), TIME: 09.00 AM

Max. Marks: 70

Reg. No.

Duration: 3 Hrs

SECTION-A

Answer the following questions:

5X1= 5M

- 1) What is meant by broad network access.
- 2) Define vendors.
- 3) Define Paas.
- 4) Define community clouds.
- 5) Define hardware virtualization.

SECTION - B

Answer any five of the following questions:

5X5=25M

- 6) Explain the origins of cloud computing.
- 7) Explain the various features, characteristics of cloud computing system.
- 8) Explain security level of third party and limitations of cloud scenarios.
- 9) Explain security mechanisms of cloud.
- 10) What are the advantages of software as a service SaaS and Paas.
- 11) Write short notes on Google play form of SaaS maturity model.
- 12) Explain about computational data grid.
- 13) Write about virtual box.

SECTION- C

Answer ANY FOUR questions:

4X10 = 40M