

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Summer Examination-2022

Subject Name : Operating System

Subject Code : 4TE04OPS1

Branch: B.Tech (CE)

Semester: 4

Date: 07/05/2022

Time: 11:00 To 02:00

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 Attempt the following questions: (14)

- a) The primary goal of operating system is _____. 1
[A] Make computer system convenient [B] Make use of hardware
[C] Make use of software [D] None of the above
- b) Process creation in UNIX is done by _____. 1
[A] New () [B] Fork() [C] Make() [D] Parent()
- c) What is the full form of RAID? 1
[A] Repeated Array of Independent Disks
[B] Redundant Array of Individual Disks
[C] Redundant Array of Independent Disks
[D] Repeated Array of Individual Disks
- d) In operating system, each process has its own _____. 1
[A] open files [B] pending alarms, signals, and signal handlers
[C] address space and global variables [D] all of the mentioned
- e) From the following, which is not common file permission? 1
[A] Stop [B] Write [C] Execute [D] Read
- f) What are the common security threats? 1
[A] File Shredding [B] File sharing and permission
[C] File corrupting [D] File integrity
- g) If a process fails, most operating system write the error information to a _____. 1
[A] new file [B] another running process
[C] log file [D] None of the above
- h) Which of the following is the least secure method of authentication? 1
[A] Key card [B] fingerprint [C] retina pattern [D] Password
- i) To access the services of operating system, the interface is provided by the _____. 1
[A] System calls [B] API [C] Library [D] Assembly instructions
- j) Which of the following is not an operating system? 1
[A] Windows [B] Oracle [C] Linux [D] Android
- k) What is the full form of DOS? 1



