Assignment No. 01

| | and |
|----------|--|
| 2.237 | The fundamental goal of computer systems is to execute and |
| | to make Solving uper problem easier. |
| | □ System programs maxim more |
| | To liver anaround |
| | □ Application programs .smarrorg mountings [] |
| | - And: Where programs and sould a modern discussion of |
| | The same programs |
| | ·1) Operating systems exist because they offer a reasonable way to |
| | Operating systems exist because and only operating system. |
| | solve the problem of creating a usable operating system. |
| | The fundamental goal of computer systems is to execute user programs |
| 8376 | and to make solving user problem easier. |
| | m) Computer hardware is constructed towards this goal. |
| 11575 | July 1000 and a spectflow modeling of the |
| 0.30) | When a computer system is powered up at repoored it needs |
| hro cars | have an program to run. |
| | System program med a statum |
| 21105 | Application program of anti- |
| 100 00 | Devating system |
| | Dootstrap program. |
| | - Ans : bootstrap program |
| | American and the American State of the Ameri |
| | 1) For a computer to start running, i.e. when it is powered |
| | up or rebooted, it needs to have an initial program to run. |
| | This initial program is also known as bootsteap program. |
| 2000/20 | II) It is stored in computer's Read-only memory (ROM) or the |
| | III) It is stored in compassion by memory (EEPROM). |
| 400750 | Electrically Evasable Programable read-only memory (EEPROM). |
| 490 | ,) It initializes all concepts of the aspects of the system, |
| | from CPU registers to device controllers to memory contents. |
| | 1) The bootstrap program must know how to load the operating |
| 1 | system and how to start executing the system. |
| | warm strong to the Warmstoff |

| | a 0 - C computer Systems is to - |
|-------------|--|
| @ 29) | The Fundamental goal of computer systems is to execute |
| | to make solving usek problem ension. |
| | System Program |
| | I llser programs |
| | Application programs. |
| | · Correct option: User Programs. |
| | Incorrect options: |
| | was allowed states a patient to making up the |
| | System Brograms: |
| | 1) System programs are a set of programs |
| | written to service other programs. |
| | 11) The system softwares are used for heavy |
| | interaction with computer hardware heavy usage |
| | by multiple users, complex data structures, and |
| | multiple external interfaces, etc. |
| | 111) Thus, the system program does the work |
| | of supporting the application programs and |
| | user programs, and doesn't execute them. |
| | IV) Hence, System programs execution is not the |
| | Fundamental goal of computer systems. |
| | Si di manera di minura di del di minura di manera di minura di min |
| | W) Oratication Producemb. |
| | 11) Application Programs: 1) Application programs that solve a specific huminess |
| | needs. |
| MONRES I | 11) Application in this well area process business |
| m=1.02 1 | on technical data in a way that facilitates |
| . Startpus | business operations or management/technical |
| ar State of | decision making. |
| | and and the same |
| | Fundamental goals of computer systems programs |
| | Taring James |

Q.30) When a computer system is powered up or rebooted-it needs to have an program to run.

Incorrect options:

1> System programs:

- Disystem programs are a set of programs written to service other programs.
- ii) The system programs gets executed after the operating system starts.
- m) Hence, it is not a the first program to run when computer starts.

11) Application program:

- 1) Application programs are stand alone programs that solve a specific business needs.
- 11) Application programs are either run by user or they run or startup.
- (111) Hence, it is not the first program to sun when computer start.

my Operations System:

DAN operating system is a program that manages a computer's hardware.

m) It also provides a basis for application programs to run, but it needs an bootstrap program to instantiate and initialize itself.

in) Hence, it is not the first program to sum when a computer starts.