**NETWORKING 1 – WEEK 4 – ACTIVITY 1**

1. In your own perspective, explain the importance of OSI model layers in networking.
2. Supply what is asking on the table below. Briefly define each technologies/applications or devices related on each layers in the OSI model.

***Answer***

1. The purpose of the OSI reference model is to guide vendors and developers so the digital communication products and software programs they create can interoperate and to facilitate a clear framework that describes the functions of a networking or telecommunication system.

|  |  |  |
| --- | --- | --- |
| **Layer** | Software Application/technology use in OSI | Devices that are used in each layer |
| **1** | Physical structure | HUB |
| **2** | Frames | Bridges |
| **3** | Packets | Routers |
| **4** | TCP | TCP |
| **5** | Synch | RPC |
| **6** | Syntax layer | JPEG |
| **7** | End User layer | SMTP |