

## IP Addressing & Subnetting (Assignment – VLSM)

GlobaleTraining.com

## **Question 1:**

You are given a class C network block of **192.168.1.0**. Create subnets based on the following needs:

| Subnet Name | IPs Needed | Comments      |  |
|-------------|------------|---------------|--|
| Α           | 10         | Production    |  |
| В           | 2          | Router Link   |  |
| С           | 15         | QA            |  |
| D           | 60         | Development   |  |
| Е           | 30         | HR & Internet |  |

You can use table below to document the subnet information:

| <b>Subnet Name</b> | Network ID | Valid IP Range | <b>Broadcast Address</b> | Subnet Mask |
|--------------------|------------|----------------|--------------------------|-------------|
|                    |            |                |                          |             |
|                    |            | 710            |                          |             |
|                    |            |                |                          |             |
|                    |            |                |                          |             |
|                    |            |                |                          |             |