

SET-A

Perform the following operation on a Switch

1. Set the hostname of the device as “SW<Roll No.> (if, your Roll No. is RDE533A01 than hostname is SWA01).
2. Set the motd banner as “This device belongs to Roll No. <Roll No.>”
3. Secure the PRIVILEGED EXEC mode using secret.
4. Secure the Console connection.
5. Secure the device for TELNET Access.

SET-B

Perform the following operation on a Router

1. Set the hostname of the device as “R<Roll No.> (if, your Roll No. is RDE533A01 than hostname is RA01).
2. Set the motd banner as “This device belongs to Roll No. <Roll No.>”
3. Secure the PRIVILEGED EXEC mode using secret.
4. Secure the Console connection.
5. Secure the device for TELNET Access.

SET-C

Consider the network 205.113.18.0/24 assigned to the organisation for networking. The requirement of working nodes in following departments are as follows: Engineering 80, Customer Care 18, IT Support 8, Finance 4. Use VLSM method for Subnetting and configure following VLANs for each department (every VLAN must have at least two PCs connected) for accessing the specified ports:

1. Engineering	VLAN20	fa0/2-6
2. Customer Care	VLAN30	fa0/7-12
3. IT Support	VLAN40	fa0/13-19
4. Finance	VLAN50	fa0/20-24

SET-D

Perform the following operation on a Router

1. Set the hostname of the device as “R<Roll No.> (if, your Roll No. is RDE533A01 than hostname is RA01).
2. Secure the PRIVILEGED EXEC mode using enable.
3. Encrypt the enable password.
4. Secure the Console connection.
5. Secure the device for SSH Access.

Set-E

Perform the following operation on a Switch.

1. Set the hostname of the device as “SW<Roll No.> (if, your Roll No. is RDE533A01 than hostname is SWA01).
2. Secure the PRIVILEGED EXEC mode using enable.
3. Encrypt the enable password.
4. Secure the Console connection.
5. Secure the device for SSH Access.

