

#### COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

## 19ECEVAC01- DESIGN, IMPLEMENTATION AND ADMISSION OF CCNA EVENT REPORT

Name of the Course: DESIGN, IMPLEMENTATION AND ADMISSION OF CCNA

Name of the Instructor: Dr.S. VeeraKumar, Professor, JEC

Year and Branch: II, III & ME-VLSI- ELECTRONICS AND COMMUNICATION ENGINEERING

Duration of Course: 35 Hrs (22.07.2019 to 27.07.2019)

#### SUMMARY OF THE EVENT:

The Course was inaugurated on **22.07.2019** at 8.30 am by our respectable Principal and HOD. As per the Course plan session was started and went smooth for the Remaining days. On the last day **27.07.2019** by 3.30 pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained Knowledge on "Design, Implementation and Admission of CCNA"

#### **ASSESMENT MODE:**

No of Students Enrolled: 87

Scheme of Exam: Offline

No of Students appeared:87

No of Students Passed:87

Date of Exam: 27.07.2019

#### **OUTCOME**:

After finishing this course, the students will be equipped with a technical skill currently in demand in the job market along with the fundamental principles of networking further empowered for their future job prospects in CCNA. Understand and able to identify various components of computer networks. Explore and Implementation of Cisco Router. Enhance the knowledge of IPv6. STP and RSTP.

COORDINATOR

(Mr.E.Murali)

ANARA COLLIGE OF ENERGY OF

HOD/ECE

(Mr.V.Rajesh Kumar)

PRINCIPAL

Sri Venkateswara College of Engineering and Technology, Thirupachur, Thirupallur, 634, 203



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### 19ECEVAC01- DESIGN, IMPLEMENTATION AND ADMISSION OF CCNA

#### **TEST QUESTIONS**

- 1. During a routine inspection, a technician discovered that software that was installed on a computer was secretly collecting data about websites that were visited by users of the computer. Which type of threat is affecting this computer?
- a) DoS attack
- b) identity theft
- c) spyware
- d) zero-day attack
- 2. Which term refers to a network that provides secure access to the corporate offices by suppliers, customers, and collaborators?
- a) Internet
- b) intranet
- c) extranet
- d) extendednet
- 3. A large corporation has modified its network to allow users to access network resources from their personal laptops and smart phones. Which networking trend does this describe?
- a) cloud computing
- b) online collaboration
- c) bring your own device
- d) video conferencing
- 4. What is an ISP?
- a) It is a standards body that develops cabling and wiring standards for networking.
- b) It is a protocol that establishes how computers within a local network communicate.
- c) It is an organization that enables individuals and businesses to connect to the Internet.

d) It is a networking device that combines the functionality of several different networking devices in one

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- 5. Why is it difficult for routing loops to occur in networks that use link-state routing?
- a) Each router builds a silnple vievy of the network based on hop count.
- b) Routers flood the network witl1 LSAs to discover routing loops.
- c) Each router builds a complete and synchronized view of tlle networlz.
- d) Routers use hold-down tilners to prevent routing loops.
- 6. An employee at a branch office is creating a quote for a customer. In order to do this, the employee needs to access confidential pricing information from internal servers at the Head Office. What type of network would the employee access?
- a) an intranet
- b) the internet
- c) an extranet
- d) a local area networks
- 7. Which statement describes the use of powerline networking technology?
- a) New "smart" electrical cabling is used to extend an existing home LAN.
- b) A home LAN is installed without the use of physical cabling.
- c) A device connects to an existing home LAN using an adapter & an existing electrical outlet.
- d) Wireless access points use powerline adapters to distribute data through the home LAN.
- 8. A networking technician is working on the wireless network at a medical clinic. The technician accidentally sets up the wireless network so that patients can see the medical records data of other patients. Which of the four network characteristics has been violated in this situation?
- a) fault tolerance
- b) scalability
- c) security
- d) Quality of Service (QoS)
- e) Reliability
- 9. What two statements correctly describe the link state routing process?
- a) all routers in the area have link state databases
- b) each router in the area floods LSPs to all neighbors
- c) LSPs use the reserved multicast address of 224.0.0.10 to reach neighbors

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- d) routing loops are prevented by running the Diffusing Update Algoritllin (DUAL).
- 10. What two criteria are used to help select a network medium from various network media? (Choose two.)
- a) the types of data that need to be prioritized
- b) the cost of the end devices utilized in the network
- c) the distance the selected medium can successfully carry a signal
- d) the number of intermediate devices installed in the network
- e) the environment where the selected medium is to be installed
- 11. What type of network traffic requires QoS?
- a) email
- b) on-line purchasing
- c) video conferencing
- d) wiki
- 12. A user is implementing security on a small office network. Which two actions would provide the minimum-security requirements for this network? (Choose two.)
- a) implementing a firewall
- b) installing wireless network
- c) installing antivirus software
- d) implementing an intrusion detection system
- e) adding a dedicated intrusion prevention device
- 13. Passwords can be used to restrict access to all or parts of the Cisco IOS. Select the modes and interfaces that can be protected with passwords. (Choose three.)
- a) VTY interface
- b) console interface
- c) Ethernet interface
- d) boot IOS mode

e) privileged EXEC mode



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- 14. Which interface allows remote management of a Layer 2 switch?
- a) the AUX interface
- b) the console port interface
- c) the switch virtual interface
- d) the first Ethernet port interface
- 15. What function does pressing the Tab key have when entering a command in IOS?
- a) It aborts the current command and returns to configuration mode.
- b) It exits configuration mode and returns to user EXEC mode.
- c) It moves the cursor to the beginning of the next line.
- d) It completes the remainder of a partially typed word in a command.
- 16. While trying to solve a network issue, a technician made multiple changes to the current router configuration file. The changes did not solve the problem and were not saved. What action can the technician take to discard the changes and work with the file in NVRAM?
- a) Issue the reload command without saving the running configuration.
- b) Delete the vlan.dat file and reboot the device.
- c) Close and reopen the terminal emulation software.
- d) Issue the copy startup-config running-config command.
- 17. Refer to the exhibit. A network administrator is configuring access control to switch SW1. If the administrator uses a console connection to connect to the switch, which password ase needed to access user EXEC mode?

Enter configuration commands, one per line. End with CIL/Z.

SW1(config)# enable password letasin

SW1(config)# enable secret secretin

SW1(config)# line console 0

SW1(config-line)# password ligonin

SW1(config-line)# login

SW1(config-line)# exit

SW1(config)# line vty 0 15

SW1(config-line)# password Imevty





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SW1(config-line)# login

SW1(config-line)# end

SW#

- a) letmein
- b) secretin
- c) lineconin
- d) linevtyin
- 18. An administrator uses the Ctrl-Shift-6 key combination on a switch after issuing the ping command.

What is the purpose of using these keystrokes?

- a) to restart the ping process
- b) to interrupt the ping process
- c) to exit to a different configuration mode
- d) to allow the user to complete the command
- 19. A technician configures a switch with these commands:

SwitchA(config)# interface vlan 1

SwitchA(config-if)#ip address 192.168.1.1 255.255.255.0

SwitchA(config-if)# no shutdown

What is the technician configuring?

- a) Telnet access
- b) SVI
- c) password encryption
- d) physical switchport access





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20. Which command or key combination allows a user to return to the previous level in the command hierarchy?

- a) end
- b) exit
- c) Ctrl-Z
- d) Ctrl-C

COORDINATOR

(Mr.E.Murali)

HOD / ECE

(Mr.V.Rajeshkumar)

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#### 19ECEVAC01- DESIGN, IMPLEMENTATION AND ADMISSION OF CCNA

#### **TEST QUESTIONS**

Student Reg. No. & Name: 112418106006 \$ Bhuvaresh . B

Sem & Year: 03 \$ 11

Date: 27/07/2019

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SW1(config-line)# exit

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SW1(config-line)# password Linevtyin

SW1(config-line)# login

SW1(config-line)# end

SW#

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- d) linevtyin

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19. A technician configures a switch with these commands:

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#### 19ECEVAC01- DESIGN, IMPLEMENTATION AND ADMISSION OF CCNA

Course Code	19ECEVAC01		
Name of the Course	DESIGN, IMPLEMENTATION AND ADMISSION OF CCNA		
<b>Duration of the Course</b>	35 HOURS		
Academic Year	2019-20		
Period of the Course	22.07.2019 to 27.07.2019		

#### STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDEN	TS	ATTENDANCE	MARK
1	II	112418106001	BABY SHAKILA M		35	80
2	II	112418106002	BERSHIN MANO M M		35	80
3	II	112418106003	BHARATH S		35	80
4	II	112418106004	BHARATHKUMAR J		35	85
5	II	112418106005	BHUVANA S		35	85
6	II	112418106006	BHUVANESH B		35	90
7	II	112418106007	DEEPA M		35	85
8	II	112418106008	DEEPAK RAJ P		35	80
9	II	112418106009	DINESH K		35	85
10	II	112418106011	FRANCIS SAVIOR J		35	90
11	II	112418106012	GOKUL M		35	95
12	II	112418106013	HARISH R	8	35	80
13	II	112418106014	JANARTHANAM P B		35	85
14	II	112418106016	KAVIYA L		35	90
15	II	112418106017	LOKESH K		35	85
16	II	11248 106019	MOHAN J	PRINCIP		80



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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARK
17	II	112418106020	MOHAN P	3.5	80
18	II	112418106021	NARMATHA R	35	80
19	II	112418106022	NIVETHA H	35	80
20	II	112418106023	PREETHI N	35	80
21	II	112418106024	PRIYA K	35	95
22	II	112418106025	RAGAVENDRAN S	35	90
23	II	112418106026	RAMYA S	35	80
24	II	112418106028	SINDHU S	35	95
25	II	112418106029	SNEHA V	35	90
26	II	112418106030	SUGASHINI S	35	95
27	II	112418106032	VIJAYALAKSHMI G	35	98
28	II	112418106033	VISHWA V	35	80
29	II	112418106301	BARATH E	35	85
30	II	112418106302	LAKSHMANAN D	35	80
31	II	112418106303	SERAN SACHIN G	35	85
32	III	112417106001	AISWARYA C	35	90
33	III	112417106002	AMALI.C	35	90
34	III	112417106003	AMMINENI REVANTH	35	95
35	III	112417106004	ASWINI.U	35	80
36	III	112417106005	BANUMATHI.R	35	85
37	III	112417106006	BHAVANI.K	35	85
38	III	112417106007	BHAVANI.S	35	90
39	III	112417106008	BHUVANESHWARI.P	35	20
40	III	1 24 1 06009	CATHRIN K	35	80



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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARK
41	III	112417106010	DEVAGI T	35	90
42	III	112417106011	DILLIBABU.B	35	90
43	III	112417106012	DIVYA.M	.35	85
44	III	112417106014	DOMMITHI DINESHKUMAR REDDY	.35	80
45	III	112417106015	GEETHA RANI J	35	85
46	III	112417106016	GNANAVEL M	35	85
47	III	112417106017	GOKUL ESWARAN.N	35	85
48	III	112417106018	GOMATHI S	35	90
49	III	112417106019	GRACEYAS.M	35	95
50	III	112417106020	HAARTHI I	35	90
51	III	112417106022	HIDAYATHULLAH.A.R	35	95
52	III	112417106023	ILAKKIYA.P	35	90
53	III	112417106025	KARANAM BHARATH KUMAR REDDY	.35	95
54	III	112417106026	KIRAN SOFIA B	35	80
55	III	112417106027	KOWSALYA.R	35	60
56	III	112417106029	LAKSHMIPRIYA S	35	86
57	III	112417106030	LAVANYA J	.35	85
58	III	112417106031	MADHANRAJ GP	35	80
59	III	112417106032	MAGESWARI.T.M	35	85
60	III	112417106033	MALATHI.J	35	90
61	III	112417106034	MARIA VICTORIA A	35	95
62	III	112417106035	MOHAMED NAVAZ	35	86
63	III	11244 7 DQ 6036	MOHAMMED NIYAZ.S	35	80



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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS		ATTENDANCE	MARK
64	III	112417106037	MOHANAKRISHNAN.D		35	85
65	III	112417106038	MONISHA D		35	80
66	III	112417106039	MONISHA.P		35	85
67	III	112417106040	MUTHULAKSHMI.S		35	95
68	III	112417106041	NAGENDIRAN.M	,	35	80
69	III	112417106042	PAVITHIRA.S		35	90
70	III	112417106044	PRAJAPATHI S		35	80
71	III	112417106045	PRASANTHI.B	81	35	85
72	III	112417106046	PRAVEEN KUMAR.R		35	80
73	III	112417106047	PUNITH KUMAR.M		35	90
74	III	112417106048	RAGUPATHI B		35	95
75	III	112417106049	RAKESH.R		35	90
76	III	112417106050	RAKESH KUMAR.R		35	80
77	III	112417106051	RAMANUJAM.M		35	85
78	III	112417106052	RAMYA.R		35	95
79	III	112417106053	SADHANA S		35	85
80	III	112417106054	SANGAMITHIRA A		35	90
81	ME- VLSI	112419419001	ANITHA S		35	80
82	ME- VLSI	112419419002	DIVYABHRATHI V		35	95
83	ME- VLSI	112419419003	KOWSALYA J	6	35	90
84	ME- VLSI	112419419004	MONISHA C		35	95
85	ME- VLSI	112419419005	NANDHINI K		35	90





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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARK
86	ME- VLSI	112419419007	SUGANYA J	35	80
87	ME- VLSI	112419419008	VINNARASU G	35	95

COORDINATOR

(Mr.E.Murali)

HOD/ECE

(Mr.V.Rajeshkumar)

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# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms BHUVANESH B (1124 1210 6006) UG/PG

Department of Electronics and Communication Engineering has successfully completed

Value Added Course titled 'DESIGN, IMPLEMENTATION & ADMISSION OF CCNA'

held from 22.07.2019 to 27.07.2019

CO-ORDINATOR

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PRINCIPAL
Venkateswara College of
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms KAVIYA . L (112418106016) UG/PG

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PRINCIPAL



Thirupachur - 631203, Thiruvallur TK, & DT

APPROVED by AICTE, New Delhi and Affiliated to Anna University, Chennai

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms AISWARYA. C (112417106001) UG/PG

Department of Electronics and Communication Engineering has successfully completed

Value Added Course titled 'DESIGN, IMPLEMENTATION & ADMISSION OF CCNA'

held from 22.07.2019 to 27.07.2019

PRINCIPAL Sri Venkateswara College of

Engineering and Technology, Thirupachur, Thiruvallur - 631 203

CO-ORDINATOR



HOD / ECE

PRINCIPAL



Thirupachur - 631203, Thiruvallur TK, & DT APPROVED by AICTE, New Delhi and Affiliated to Anna University, Chennai

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms DILLIBABU: B. [112413106011] UG/PG

Department of Electronics and Communication Engineering has successfully completed

Value Added Course titled 'DESIGN, IMPLEMENTATION & ADMISSION OF CCNA'

held from 22.07.2019 to 27.07.2019

Thirupachur

Any

PRINCIPAL

Sri Venkateswara College of Engineering and Technology. Thirupachur, Thiruvallur - 631 203

HOD / ECE

CO-ORDINATOR



Thirupachur - 631203, Thiruvallur TK, & DT

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms ANITHA: S (112419419001) UG/PG

Department of Electronics and Communication Engineering has successfully completed

Value Added Course titled 'DESIGN, IMPLEMENTATION & ADMISSION OF CCNA'

held from 22.07.2019 to 27.07.2019

HOD / ECE



Thirupachur - 631203, Thiruvallur TK, & DT

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# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms MONISHA. C (112419419004) UG/PG

Department of Electronics and Communication Engineering has successfully completed

Value Added Course titled 'DESIGN, IMPLEMENTATION & ADMISSION OF CCNA'

held from 22.07.2019 to 27.07.2019

Sri Venkateswara College of Engineering and Technology, Thirupachur, Thiruvallur - 631 203

HOD / ECE

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