

Reg.No. \_\_\_\_\_



**Karunya UNIVERSITY**

(Karunya Institute of Technology & Sciences)  
(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – Nov/Dec – 2016**

**Code : 14CS3029**  
**Sub. Name : Network Management**

**Semester : 2016-17 ODD**  
**Duration : 3hrs**  
**Max. marks : 100**

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	Discuss the evolution of distributed computing environments.	CO1	10
	b.	Describe the TCP/IP based networks with neat diagram.	CO1	10
(OR)				
2.		Explain the network management functional groupings.	CO1	20
3.	a.	How does management informations are structured in SNMPv1.	CO1,CO2	15
	b.	Wrtie short notes on Management Information Base with an example.	CO1	5
(OR)				
4.	a.	With a neat sketch, explain the protocol operations of SNMPv1.	CO2	15
	b.	Discuss the community based security model of SNMPv1.	CO2	5
5.		Explain the structure of management information in SNMPv2.	CO2	20
(OR)				
6.	a.	Discuss the major changes of SNMPv2.	CO2	12
	b.	Illustrate how does SNMPv2 manages bulk transfer with neat sketch.	CO2	8
7.		Explain the architecture of SNMPv3 with neat sketch.	CO2	20
(OR)				
8.	a.	Discuss the User based Security Model of SNMPv3.	CO1,CO2	12
	b.	Illustrate the various phases of View Based Access Policy in SNMPv3.	CO2	8
<b><u>Compulsory:</u></b>				
9.	a.	Discuss the ATM Remote Monitoring with suitable diagrams.	CO2	8
	b.	Explain the web based network management with neat sketch.	CO2	12

ALL THE BEST