



BRAINWARE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
Master of Science in Hardware and Networking 2017

SEMESTER – I

Paper Code	Paper Name	L - T - P	Credits	Total Marks
MHN101	Operating System Technologies	3 - 1 - 0	4	100
MHN102	Network Administration and Configuration	3 - 1 - 0	4	100
MHN103	Core Hardware	3 - 1 - 0	4	100
MHN104	Computer Network	3 - 1 - 0	4	100
MHN(HU)191	English Communication Lab	0 - 0 - 4	2	100
MHN191	Operating System Lab	0 - 0 - 4	3	100
MHN192	Network Administration Lab	0 - 0 - 4	3	100
MHN193	Hardware and Troubleshooting Lab	0 - 0 - 4	3	100
Total			27	800

SEMESTER – II

Paper Code	Paper Name	L - T - P	Credits	Total Marks
MHN201	Linux System Administration	3 - 1 - 0	4	100
MHN202	Windows Server Infrastructure and Management	3 - 1 - 0	4	100
MHN203	Mail Server Configuration and Administration	3 - 1 - 0	4	100
MHN204	Cloud Computing	3 - 1 - 0	4	100
MHN(HU)291	Business Communication Lab	0 - 0 - 4	2	100
MHN291	Linux System Administration Lab	0 - 0 - 4	3	100
MHN292	Windows Server Administration Lab	0 - 0 - 4	3	100
MHN293	Mail Server Administration Lab	0 - 0 - 4	3	100
Total			27	800

SEMESTER – III

Paper Code	Paper Name	L - T - P	Credits	Total Marks
MHN301	Virtualization	3 - 1 - 0	4	100
MHN302	A. Network Infrastructure Design B. Multimedia Database and Networking	3 - 1 - 0	4	100



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	C. Advanced Microprocessor			
MHN303	A. Storage Management B. Advanced Linux Administration and Scripting C. Big Data Analysis	3- 1 – 0	4	100
MHN304	A. Cryptography B. CISCO Security	3- 1 – 0	4	100
MHN391	Virtualization Lab	0- 0 – 4	3	100
MHN392	A. Network Infrastructure Design Lab B. Multimedia Database and Networking Lab C. Advanced Microprocessor Lab	0 – 0 – 4	3	100
MHN393	A. Storage Management Lab B. Advanced Linux Administration and Scripting Lab C. Big Data Analysis Lab	0 – 0 – 4	3	100
MHN381	Industrial Training	4 weeks during semester break	2	100
Total			27	800

SEMESTER – IV

Paper Code	Paper Name	L - T - P	Credits	Total Marks
ENV401	Disaster Management	2-0 – 0	2	100
MHN(HU)401	Values and Ethics in Profession	2-0 – 0	2	100
MHN491	Information System Security Lab	0- 0 – 4	3	100
MHN492	Python Programming Lab	0- 0 – 4	3	100
MHN481	Project	0 – 0 – 4	21	100
MHN482	Grand Viva		4	100
Total			35	600

Total Credit: 116