



BRAINWARE UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

Bachelor of Science (Honours) in Hardware and Networking 2017

SEMESTER – I

Paper Code	Paper Name	L - T - P	Credits	Total Marks
HU101	Communicative English	4 - 0 - 0	4	100
EC101	Introduction to Electrical Circuits and Basic Electronics I	3 - 1 - 0	4	100
BHN101	Computer Fundamentals and PCS	3 - 1 - 0	4	100
BHN102	Basic Hardware and Operating Systems-I	3 - 1 - 0	4	100
BHN103	Mathematics - I	3 - 1 - 0	4	100
EC191	Basic Electronics I and Electrical Circuits Lab	0 - 0 - 4	2	100
BHN191	Computer Fundamentals and PCS Lab	0 - 0 - 4	3	100
BHN192	Basic Hardware Lab	0 - 0 - 4	3	100
Total			28	800

SEMESTER – II

Paper Code	Paper Name	L - T - P	Credits	Total Marks
ENV201	Environmental Studies	3 - 1 - 0	4	100
HU201	Business Communication - I	4 - 0 - 0	4	100
EC201	Basic Electronics II : Analog Electronics	3 - 1 - 0	4	100
BHN201	Basic Computer Networks	3 - 1 - 0	4	100
BHN202	Windows Server Management	3 - 1 - 0	4	100
BHN203	Basic Hardware and Operating Systems - II	3 - 1 - 0	4	100
EC291	Basic Electronics II : Analog Electronics Lab	3 - 1 - 0	2	100
BHN291	Networking Lab	0 - 0 - 4	3	100
BHN292	Windows Server Management Lab	0 - 0 - 4	3	100
Total			32	900

SEMESTER – III

Paper Code	Paper Name	L - T - P	Credits	Total Marks
HU301	Business Communication -II	2 - 0 - 0	2	100
EC301	Digital Electronics and Instrumentation	3 - 1 - 0	4	100



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BHN301	Basic Switching and Routing	3-1-0	4	100
BHN302	Linux Server Administration	3-1-0	4	100
EC391	Digital Electronics and Instrumentation Lab	0-0-4	2	100
BHN391	Basic Switching and Routing Lab	0-0-4	3	100
BHN392	Linux Server Administration Lab	0-0-4	3	100
BHN393	Shell Programming Lab	0-0-4	2	100
Total			24	800

SEMESTER – IV

Paper Code	Paper Name	L - T - P	Credits	Total Marks
HU401	Business Communication -III	2-0-0	2	100
EC401	Microprocessor and Microcontroller	3-1-0	4	100
BHN401	RedHat System Administration I	3-1-0	4	100
BHN402	Windows Server Administration	3-1-0	4	100
EC491	Microprocessors Lab	0-0-4	2	100
BHN491	RedHat System Administration I Lab	0-0-4	3	100
BHN492	Windows Server Administration Lab	0-0-4	3	100
BHN481	Minor Project	0-0-4	2	100
Total			24	800

SEMESTER – V

Paper Code	Paper Name	L - T - P	Credits	Total Marks
ENV501	Disaster Management	2-0-0	2	100
BHN501	Windows Server Configuration	3-1-0	4	100
BHN502	Advanced Switching and Routing	3-1-0	4	100
BHN503	RedHat System Administration II	3-1-0	4	100
BHN504	Mathematics - II	3-1-0	4	100
BHN591	Windows Server Configuration Lab	0-0-4	3	100



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BHN592	Advanced Switching and Routing Lab	0 – 0 – 4	3	100
BHN593	RedHat System Administration II Lab	0 – 0 – 4	3	100
BHN581	Industrial Training	4 weeks during semester break	2	100
Total			29	900

SEMESTER – VI

Paper Code	Paper Name	L - T - P	Credits	Total Marks
HU601	Values and Ethics	2- 0 – 0	2	100
BHN601	Windows Server Infrastructure Design	3- 1 – 0	4	100
BHN602	Network Security	3- 1 – 0	4	100
BHN691	Windows Server Infrastructure Lab	0- 0 – 4	3	100
BHN681	Major Project	0 – 0 – 4	4	100
BHN682	Grand Viva		4	100
Total			21	600

Total Credit: 158