

Scheme of Examination of B.Sc.(Hons) Physics Semester I to IV

Paper No.	Title	Duration (Hours)	Maximum Marks
Semester-I			
Phy-101	Mathematical Physics -I	3	50
Phy-102	Mechanics -I	3	50
Phy-103	Electricity	3	50
Phy-104	Mathematics I (Subsidiary)	3	50
Phy-105	Chemistry -I (Subsidiary)	3	50
Phy-106	Linear & Digital Integrated Circuits & Instruments -I	3	50
Phy-107	Physics Lab. I	6	75
Chem.101	Chemistry Lab. -I	6	75
Q-101	English (qualifying) -I	3	50
		Total Marks	450

Paper No.	Title	Duration (Hours)	Maximum Marks
Semester-II			
Phy-201	Mathematical Physics -II	3	50
Phy-202	Mechanics -II	3	50
Phy-203	Magnetism	3	50
Phy-204	Mathematics II (Subsidiary)	3	50
Phy-205	Chemistry -II (Subsidiary)	3	50
Phy-206	Linear & Digital Integrated Circuits & Instruments -II	3	50
Phy-207	Physics Lab. II	6	75
Chem.201	Chemistry Lab. -II	6	75
Q-201	English (qualifying) -II	3	50
		Total Marks	450

Note : Practical exams will be held at the end of 2nd semester.

Paper No.	Title	Duration (Hours)	Maximum Marks
Semester-III			
Phy-301	Mathematical Physics III	3	50
Phy-302	Thermal Physics I	3	50
Phy-303	Vibrations & Wave Optics –I	3	50
Phy-304	Quantum Mechanics	3	50
Phy-305	Mathematics III (Subsidiary)	3	50
Phy-306	Computer Fundamentals and Programming -I (Subsidiary)	3	50
Phy-307	Physics Lab. I	6	75
Phy.308	Digital, Microprocessor & Computer Lab. -I	6	75
		Total Marks	450

Paper No.	Title	Duration (Hours)	Maximum Marks
Semester-IV			
Phy-401	Mathematical Physics IV	3	50
Phy-402	Thermal Physics II	3	50
Phy-403	Vibrations & Wave Optics –II	3	50
Phy-404	Atomic and Nuclear Physics	3	50
Phy-405	Mathematics IV (Subsidiary)	3	50
Phy-406	Computer Fundamentals and Programming -II (Subsidiary)	3	50
Phy-407	Physics Lab. II	6	75
Phy.408	Digital, Microprocessor & Computer Lab. -II	6	75
		Total Marks	450

Note : Practical exams will be held at the end of 2nd semester.

- The syllabus of English (qualifying) paper and syllabi of Subsidiary papers of B.Sc.(Hons.) Physics will be same as those of B.Sc. Pass course for the session 2010-11 as per existing practice.