Department of Physics and Computer Science
Govt. T.R.S. College,Rewa(M.P.)
(ALL STUDENTS)
Assignment and Practical [B.Sc.(Hon.) IInd]

[Assignment] -Class-B.Sc.(Hon.-Physics) IInd Sem.[H-3,H-4,S-2]

S.N.	Name of Paper	Topic of Assignment
1.	H-3 (Alternating currents & magneto statics)	**1.** Dielectric Constant **or** 2. Magnetic Dipole Moment
2.	H-4 (Electromagnetic theory & astrophysics)	**1.** Chromospheres **or** 2. Past history of Cosmic Rays
3.	S-2 (Alternating currents & magneto statics)	**1.** Capacitors **or** 2.Conservative nature of electrostatic field

[Practical] -Class-B.Sc.(Hon.-Physics) IInd Sem. [H-3,H-4,S-2]

S.N.	Name of Paper	Topic of Practical
1.	H-3 (Alternating currents & magneto statics)	1. Find the moment of inertia with help of fly wheel. **Or** 2.Find the rigidity of wire with help of Torsional Pendulum
2.	H-4 (Electromagnetic theory & astrophysics)	1. To find the poission ratio of rubber tube. **Or** 2.To find the rigidity of wire with help of Maxwell needle.
3.	S-2 (Alternating currents & magneto statics)	1. To find the poission ratio of rubber tube. **Or** 2. Find the moment of inertia with help of fly wheel.

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Assignment and Practical [B.Sc.(Hon.) IVth]

[Assignment] Class-B.Sc.(Hon.-Physics) IVth [H-7,H-8,S-4]

S.N.	Name of Paper	Topic of Assignment
1.	**H-7** **(Digital electronics & computers)**	**1.** BCD numbers **or** 2. Full adder
2.	**H-8** **(Acoustics, optics & geometrical optics)**	**1.** Sobinis formula **or** 2 . Telescope combinations
3.	**S-4** **(Digital electronics & computers)**	**1.** De Morgan's theorem **or** 2 . All internal memory

[Practical] Class-B.Sc.(Hon.-Physics) IVth [H-7,H-8,S-4]

S.N.	Name of Paper	Topic of Practical
1.	**H-7** **(Digital electronics & computers)**	1.To find the truth table of logic gates with the help of logic circuit box. **Or** 2. To find Demorgen's Theorem.
2.	**H-8** **(Acoustics, optics & geometrical optics)**	1. 1. To find Zener-Diode truth table. **Or** 2. To find Demorgen's Theorem.
3.	**S-4** **(Digital electronics & computers)**	1. To find the truth table of logic gates with the help of logic circuit box. **Or** **3.** To find Demorgen's Theorem.