

Department of Physics and Computer Science

Govt. T.R.S. College, Rewa (M.P.)

(PRAMOTED/ATKT)

Assignment and Practical [B.Sc.(Hon.) Vth Sem.]

[Assignment] Class-B.Sc.(Hon.-Physics) Vth [H-9,H-10,S-5]

S.N.	Name of Paper	Topic of Assignment
1.	H-9 (Solid State Physics and Electronics)	1. Moseley's law or 2. Application of X-ray's
2.	H-10 (Relativity, Quantum Mech., Atomic Physics)	1. Bipolar transistor as an amplifier or 2. Construction of JFET
3.	S-5 (Solid State Physics and Electronics)	1. Molecular spectra or 2. Nuclear detectors

[Practical] Class-B.Sc.(Hon.-Physics) Vth [H-9,H-10,S-5]

S.N.	Name of Paper	Topic of Practical
1.	H-9 (Solid State Physics and Electronics)	1. To draw the characteristics curve of the given zener-diode. Or 2. To find Demorgen's Theorem.
2.	H-10 (Relativity, Quantum Mech., Atomic Physics)	1. To Study about the logic gate. Or 2. To draw the characteristics curve of the given zener-diode.
3.	S-5 (Solid State Physics and Electronics)	1. To find Demorgen's Theorem. Or 1. To Study about the logic gate.

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(ALL STUDENTS)

Assignment and Practical [Class-B.Sc.(Hon.-Physics) VIth]

[Assignment] Class-B.Sc.(Hon.-Physics) VIth [H-11,H-12,S-6]

S.N.	Name of Paper	Topic of Assignment
1.	H-11 Atomic, molecular & nuclear physics	1. Raman effect or 2. GM counter
2.	H-12 Advanced elec. & instrumentation	1. Transistor as an oscillator or 2. Hertley oscillator
3.	S-6 Atomic, molecular & nuclear physics	1 Cloud chambers or 2 . Beta decay

[Practical] Class-B.Sc.(Hon.-Physics) VIth [H-11,H-12,S-6]

S.N.	Name of Paper	Topic of Practical
1.	H-11 (Atomic, molecular & nuclear physics)	1. To draw the characteristics curve of the given zener-diode. Or 2.To find Demorgen's Theorem.
2.	H-12 (Advanced elec. & instrumentation)	1.To Study about the logic gate. Or 2.To draw the characteristics curve of the given zener-diode.
3.	S-6 (Atomic, molecular & nuclear physics)	1.To find Demorgen's Theorem. Or 2. To Study about the logic gate.