

HPBOSE Class 10 Science Reduced Syllabus 2020-21 PDF

10th Class

Unit/ Topic	Topics / Chapters Deleted
Unit-I Chemical substances- Nature and Behaviour	Chapter-III(Metals and Non-Metals), Physical Properties (3.1) Page No. 37-40 Occurance of metals (3.4) Page No. 49-52, Chapter-IV : (Carbon and its compounds) Chemical Properties of carbon compounds (4.3) & (4.4) Page No. 69-74, Some important carbon compounds (Ethanol and Ethanoic Acid) Soaps and Detergents (4.5) Page No. 74-76
Unit-II World of Living	Chapter-VI: (life Processes), Respiration (6.3) Page No. 101-104 Chapter-VII : (Control and Co-ordination), Co-ordination in Plants (7.2) PN.. 119-122 Hormones in Animals (7.3) Page No. 123-125 Chapter-IX : (Heredity and Evolution), Evolution (9.3) speciation (9.4) P No. 147-150 Evolution and Classification (9.5), Evolution should not be equated with progress (9.6)(156-158)
Unit- III How Things work	Chapter-10 : (Light- Reflection and Refraction), Spherical mirror (10.2) Page No. 161-170 Refraction of Light (10.3) Page No. 171-184 Chapter-12 : (Electricity), Ohm's Law (12.4), (12.5) Page No. 203-209, Resistance of a system of Resistors (12.6) Page No. 209-215, Heating Effect of electric current (12.7) Page No. 216 218, Electric Power (12.8) Page No. 219-220 Chapter-13 : (Magnetic effect of electric current) Magnetic field due to current carrying conductors (13.2 (13.3) Page No. 225.229 , 230-231
Unit-IV Natural Resources	Chapter-14: (Sources of Energy), Non-conventional sources of Energy (14.3) P No.248-254 Chapter-15: (Our Environment) How do our activities Affect the environment(15.3) 261-263 Chapter-16: (Management of Natural sources) Forest and wild life (16.2) water for all (16.3 coal and Petroleum (16.4)

List of Experiments to be deleted in SCIENCE, 10th CLASS

- To determine the Focal Length of
i) Concave Mirror ii) Convex Lens (By obtaining the lineage of distant object.)
- To study the dependence of (I) on the potential difference.
(v) Across a resistor and determine its resistance also plot a graph between V and I.
- To determine the equivalent resistance of two resistors connected in series and parallel.
- To show experimentally that Carbon dioxide is given out during respiration.
- To prepare SO₂ gas observe its following properties and draw inference in respect of
i) Odour ii) Solubility in water (iii) Effect on litmus paper (iv) Action of acidified potassium Dichromatic solution.