



Blue Print (As per PU Board)

Topic	1 mark questions	2 marks questions	3 marks questions	5 marks questions	Total Marks
Physical World	-	1	-	-	2

One mark questions

- Who proposed elliptical orbit of the planets around sun?**
Answer: Kepler
- Discoveries in physics generate new technology. Give an evidence to this.**
Answer: Wireless communication technology follows the discovery of the basic laws of electricity and magnetism.
- Who was awarded a Nobel prize for the explanation of photo electric effect?**
Answer: Einstein
- Mention the fundamental forces in nature.**
Answer: (i) Gravitational force
(ii) Weak nuclear force
(iii) Electromagnetic force
(iv) Strong nuclear force
- Name the (i) strongest (ii) weakest fundamental force in nature**
Answer: (i) Stronger nuclear force (ii) Gravitational force
- Who confirmed the existence of positron experimentally?**
Answer: Anderson
- What are the important topics covered under classical physics?**
Answer: Mechanics, electrodynamics, optics, thermodynamics.
- Who proposed the laws of electromagnetic induction?**
Answer: Faraday.
- Who is the founder of controlled nuclear fission reaction? (nuclear power reactor)**
Answer: Fermi
- Name the principle behind the uplift of aircraft (aeroplane)**
Answer: Bernoulli's principle
- What is the principle behind the working of electric generator.**
Answer: Faraday's law of electromagnetic induction.
- Light is an electromagnetic wave - who proposed this?**
Answer: Maxwell