

PHYSICS Exam Paper

Subjective Questions

1. who was einstien?

Answer:

2. test

Answer:

MCQ Questions

3. What is the speed of light?

a) 3×10^8 m/s

b) 3×10^9 m/s

c) 3×10^7 m/s

d) 3×10^6 m/s

4. What is the gravitational constant?

a) 6.674×10^{-11}

b) 6.674×10^{-10}

c) 6.674×10^{-12}

d) 6.674×10^{-9}

5. What is Newton's second law?

a) $F = ma$

b) $F = m/a$

c) $F = m^2a$

d) $F = ma^2$

6. What is the unit of electric current?

a) Ampere

b) Volt

c) Ohm

d) Coulomb

7. What is Ohm's Law?

a) $V = IR$

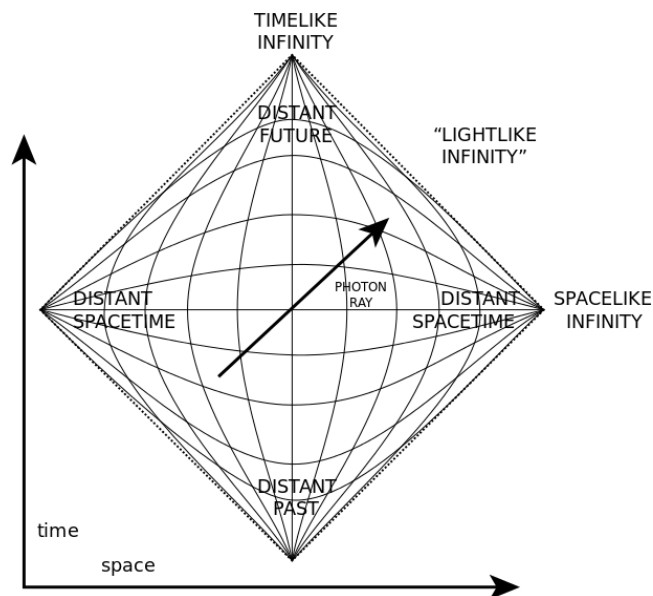
b) $V = I/R$

c) $V = R/I$

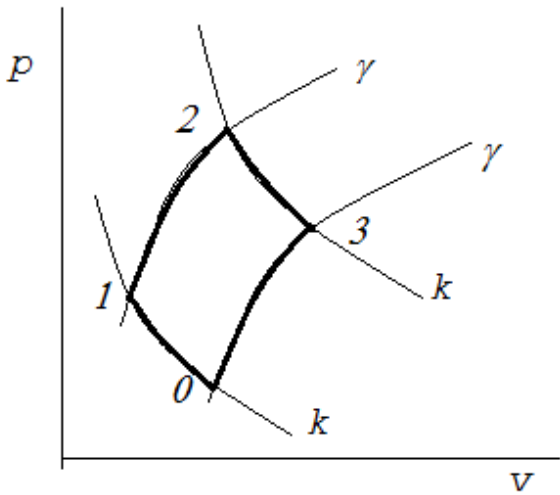
d) $V = I \cdot R^2$

Diagram Questions

8. Draw and label a free body diagram of an object on an inclined plane.



9. Illustrate the electric field lines around a positive and negative charge.



10. Physics atom diagram

ATOM STRUCTURE

