

NARAYANI INSTITUTE OF ENGINEERING & TECHNOLOGY

2nd Semester

Sub: Engineering Physics

Exam: Internal Exam

FM: 20 Marks

Q1. Number of ergs contained in one Joule is

- a. 10^3 b. 10^5 c. 10^7 d. 10^9

Q2. Gravitational unit of work in C.G.S system is

- a. gmwt b. dyn cm c. g cms⁻¹ d. gcm

Q3. Sound waves in a gas are always

- a. transverse b. longitudinal c. stationary d. None of these

Q4. The coefficient of thermal conductivity of a rod depends on

- a. area b. length c. material of rod d. temperature

Q5. Metals are good conductors of heat because

- a. they have free electrons b. free atoms c. free molecules d. None

Q6. Unit of illumination is

- a. lumen b. candela c. lux d. photon

Q7. Energy is expressed in the same unit as

- a. Work b. Pressure c. force d. momentum

Q8. Watt is unit of

- a. Work b. Power c. Charge d. Pressure

Q9. Dimensions of momentum are

- a. 0,1,2 b. 1,2,-1 c. 1,1,-1 d. 2,-1,0

Q10. Length can not be measured in

- a. Fermi b. micron c. debye d. light year

(if any doubts contact Chandramani Sir: 9777119441)