GATITU MXED SECONDARY SCHOOL

PHYSICS FORM 1MID TERM EXAM TERM 3 2014

1. Define force and state its si unit 2mks
2. State 3 effects of force on a body. 3mks
3. Name 3 types of contact forces 3mks
4. Differentiate between cohesive and adhesive force 2mks
5. State 3 differences between mass and weight 3mks
6. Define the following terms 4mks
7. Vector quantity
8. Scalar quantity
9. Define pressure and state its si unit. 2mks
10. What is matter? 1mk
11. Name 3 modes of heat transfer. 3mks
12. Name 4 factors affecting thermal conductivity. 4mks
13. Define lagging 2mks
14. Define rectilinear propagation of light. 2mks
15. Define the following terms and give an example of each
16. Opaque 2mks
17. Translucent 2mks
18. Transparent 2mks
19. Name and draw the types of beams of light. 6mks
20. State the laws of reflection. 2mks
21. Bronze is made by mixing molten copper and tin. if 100 kg of the mixture contains 80% by mass of copper and 20% by mass of tin. Calculate the density of bronze. ( density of copper is 8900kgm-3 and density of tin 7000kg/m3) 4mks
22. A man of mass 84kg stands upright on a floor. if the area of contact of his shoes and floor is 420 cm2, determine the average pressure he exerts on the floor ( take g =10N/kg) 4mks
23. The mass of an object is 50 kg. if its weight is 1000N in a certain planet, calculate the gravitational field strength of the planet 2mks
24. Convert the temperatures into Kelvin 2mks
25. 100co
26. -123 co
27. Convert to c0 3mks
28. 350 k
29. 100k
30. 0 k