

C. Both a and b

D. None

Answer: Option c

17. Paramagnetic behaviour of substance is measured by a balance called

A. Analytical balance

B. Guoys balance

C. Electrical balance

D. Single beam balance

Answer: Option B

18. In solids the temperature is the measure of

A. Average kinetic energy of molecules

B. Vibrational kinetic energy

C. Translational kinetic energy

D. None of the above

Answer: Option B

19. Which of the following properties prove that cathode rays are material in nature

A. they cast shadow

B. they possess momentum

C. they are negatively charged

D. all of the above

Answer: Option B

20. Fruit juices and fizzy drinks such as lemonade are often sold in aluminium cans. What is the most important reason aluminium is a suitable metal?

A. aluminium can be recycled

B. aluminium has very low density

C. aluminium is the most abundant metal in the earth crust

D. aluminium is resistant to corrosion by organic acids.

Answer: Option D