

31. Which of the following was known as Aqua Fortis in ancient times?

nitric acid

sulphuric acid

butyric acid

hydrochloric acid

Answer (a).

32. **Cyclotrimethylenetrinitramine** is popularly known as -

TNT

RDX

HTD

TATP

Answer (b).

33. Which was the first organic compound to be synthesised from inorganic ingredients?

Urea

Acetic Acid

Sucrose

Methane

Answer (a).

34. Which of the following has been found to contain anandamide, a neurotransmitter molecule (also known as molecule of extreme pleasure)?

alcohol

tobacco

coffee

chocolate

Answer (d).

35. Cyanide poisoning causes death in seconds because

It causes lysis of red blood cells

It breaks the electron transport chain

It denatures enzymes of the heart muscle

It causes cardiac arrest

Answer (b).

36. Photochemical Smog is a resultant of the reaction among

High concentration of NO_2 , O_3 and CO in the evening

CO, O_2 and peroxyacetyl nitrate in the presence of sunlight

NO_2 , O_3 and peroxyacetyl nitrate in the presence of sunlight

CO, CO_2 and NO_2 at low temperature

Answer (c).

37. The soft silvery metallic element which ionizes easily when heated or exposed to light and is present in atomic clocks is :

cesium

cerium

calcium

californium

Answer (a).

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