

KEAM 2024 Chemistry Model Question Paper PDF 2

- The reactions which are caused by heat and in absence of light is called _____
 - Photochemical reactions
 - Dark reactions
 - Reversible reaction
 - Reversible photochemical reaction
- In photochemical reactions, absorption of _____ radiations takes place.
 - ultraviolet and visible
 - radio
 - only visible
 - visible and x-rays
- Ozone is formed by _____ dissociation of molecular oxygen into individual oxygen atoms.
 - photochemical
 - thermochemical
 - thermal
 - ionic
- Which of the following is an example of photochemical reaction?
 - Photosynthesis
 - Decomposition of ammonia
 - Formation of NaOH
 - Decomposition of HCl
- Which of the following are the principle laws of photochemistry?
 - Grothus-Draper and Stark-Einstein law
 - Raoult's and Dalton's law
 - Raoult's and Henry's law
 - Lambert's and Beer's law
- Mercaptans can be produced by photochemical addition of _____ to alpha olefins.
 - hydrogen sulphide
 - sulphur
 - hydrogen
 - paraffins

8. Vision is initiated by a photochemical reaction of _____

- a) Rhodopsin
- b) Hydrogen Chloride
- c) Mercapton
- d) Enzymes