

133. Which of the following elements has the lowest melting point?

- (A) Titanium
- (B) Tungsten
- (C) Argon
- (D) Nickel

Ans. (C)

134. The common name of sulphur is

- (A) Freon
- (B) Galena
- (C) Lime
- (D) Brimstone

Ans. (D)

135. The Chemical formula of Aluminium Chloride is \_\_\_\_\_.

- (A)  $AlCl$
- (B)  $AlCl_2$
- (C)  $AlCl_3$
- (D)  $Al_2Cl_3$

Ans. (C)

136. The Chemical formula of Ammonium Oxalate is \_\_\_\_\_.

- (A)  $(NH_4)_2C_2O_4$
- (B)  $(NHD)_2CO_4$
- (C)  $(NHD)_2C_2O_4$
- (D)  $(NHD)_2C_2O_3$

Ans. (A)

137. Chemical Formula of Water is \_\_\_\_\_ .

- (A)  $O_2$
- (B)  $N_2O$
- (C)  $NaOH$
- (D)  $H_2O$

Ans. (D)

138. The Chemical formula of Ammonium sulphate is

- (A)  $NH_4SO_4$
- (B)  $(NH_4)_2SO_3$
- (C)  $NH_4SO_3$
- (D)  $(NH_4)_2SO_4$

Ans. (D)

139. Which of the following elements has the lowest melting point?

- (A) Platinum
- (B) Sodium
- (C) Antimony
- (D) Krypton

Ans. (D)

140. The common name of Magnesium Sulphat heptahydrate is

- (A) Epsom salt
- (B) Borax
- (C) Gypsum
- (D) Lime

Ans. (A)

141. Which of the following elements has the lowest melting point?

- (A) Helium
- (B) Potassium
- (C) Tungsten
- (D) Sulphur

Ans. (A)

142. The chemical formula of Ammonia is \_\_\_\_\_.

- (A)  $\text{NH}_4^+$
- (B)  $\text{NH}$
- (C)  $\text{NH}_2$
- (D)  $\text{NH}_3$

Ans. (D)

143. Who discovered Fullerene (an allotrope of carbon)?

- (A) K Scheele
- (B) Richard Smalley
- (C) Faraday
- (D) Heisenberg

Ans. (B)

144. Which of the following is not a Halon gas ?

- (A) Methane
- (B) Carbon tetra chloride
- (C) Iodomethane

D) Bromomethane

Ans. (A)

145. Which of the following elements has the lowest melting point?

- (A) Tin
- (B) Hydrogen
- (C) Carbon
- (D) Sodium

Ans. (B)

146. The Chemical formula of Ammonium chloride is \_\_\_\_\_.

- (A)  $(\text{NH}_4)_2\text{Cl}$
- (B)  $\text{NH}_4\text{Cl}_3$
- (C)  $\text{NH}_4\text{Cl}_2$
- (D)  $\text{NH}_4\text{Cl}$

Ans. (D)

147. Which of the following elements has the lowest melting point?

- (A) Iron
- (B) Nitrogen
- (C) Iodine
- (D) Lead

Ans.(B)

148. Filament of electric bulb is made of \_\_\_\_\_.

- (A) Magnesium
- (B) Lead

- (C) Tin
- (D) Tungsten

Ans. (D)

149. Chemical formula of Ammonia is \_\_\_\_\_.

- (A) PH<sub>3</sub>
- (B) NO<sub>2</sub>
- (C) AlN
- (D) NH<sub>3</sub>

Ans. (D)

150. Which of the following elements has the lowest melting point?

- (A) Oxygen
- (B) Platinum
- (C) Sodium
- (D) Tin

Ans. (A)

151. Chemical Formula of Aluminium Nitride is

- (A) AN
- (B) AlN
- (C) AlNi
- (D) ANi

Ans. (B)

152. NaHCO<sub>3</sub> is chemical formula for \_\_\_\_\_.

- (A) Borax

- (B) Vinegar

- (C) Lime

- (D) Baking soda

Ans. (D)

153. Which of the following elements has the lowest melting point?

- (A) Chromium
- (B) Hydrogen
- (C) Zinc
- (D) Silver

Ans. (B)

154. Which of the following elements has the lowest melting point?

- (A) Boron
- (B) Calcium
- (C) Neon
- (D) Gold

Ans. (C)

155. The Chemical formula of Ammonium nitrate is \_\_\_\_\_.

- (A) (NH<sub>2</sub>)<sub>2</sub>NO<sub>3</sub>
- (B) NH<sub>4</sub>NO<sub>3</sub>
- (C) NH<sub>4</sub>(NO<sub>2</sub>)<sub>2</sub>
- (D) NH<sub>2</sub>NO<sub>3</sub>

Ans. (B)

156. Which of the following elements has the lowest melting point?

- (A) Xenon
- (B) Iodine
- (C) Barium
- (D) Magnesium

Ans. (A)

157. Which of the following elements has the lowest melting point?

- (A) Titanium
- (B) Sulphur
- (C) Argon
- (D) Zinc

Ans. (C)

158. Which of the following elements has the lowest melting point?

- (A) Oxygen
- (B) Gold
- (C) Silver
- (D) Manganese

Ans. (A)

159. What is washing soda?

- (A) Aluminium bicarbonate
- (B) Sodium bicarbonate
- (C) Aluminium sulphate
- (D) Sodium carbonate

Ans. (D)

160. Which of the following elements has the lowest melting point?

- (A) Zinc
- (B) Titanium
- (C) Sulphur
- (D) Fluorine

Ans. (D)

161. Which of the following is false?

- (A) Hydrogen atom is roughly a third of the mass of tritium
- (B) Deuterium is called heavy hydrogen
- (C) Deuterium atom has 1 neutron
- (D) Protium is the rarest isotope of hydrogen

Ans. (D)

162. Zeolite is

- (A) Hydrated ferric oxide
- (B) Hydrated sodium aluminium silicate
- (C) Sodium hexametaphosphate
- (D) Sodium tetraborate

Ans. (B)

163. Helium is added to the oxygen supply of deep sea divers because it is \_\_\_\_\_

- (A) Less poisonous than nitrogen
- (B) Lighter than nitrogen
- (C) Readily miscible with oxygen

(D) Less soluble in blood than nitrogen at high pressure

Ans. (D)

164. Water is used in a hot water bag because

- (A) It is easily available
- (B) It has high specific gravity
- (C) It has high specific heat
- (D) It is a liquid substance

Ans. (C)

165. What is contained in Chlorophyll ?

- (A) Sodium
- (B) Potassium
- (C) Manganese
- (D) Magnesium

Ans. (D)

166. What is the product formed when sodium bicarbonate is heated strongly?

- (A) Sodium carbonate
- (B) Sodium hydroxide
- (C) Sodium peroxide
- (D) Sodium monoxide

Ans. (A)

167. The most pure form of carbon among the options is

- (A) Anthracite
- (B) Lampblack

(C) Graphite

(D) Wood Charcoal

Ans. (C)

168. Activated Charcoal is used to remove colouring matter from pure substances by \_\_\_\_.

- (A) Bleaching
- (B) Oxidation
- (C) Adsorption
- (D) Reduction

Ans. (C)

169. Silica gel is a

- (A) Moisturizer
- (B) Flavouring agent
- (C) Drying agent
- (D) Delicious food

Ans. (C)

170. Silver gets corroded due to \_\_\_\_\_ in air.

- (A) Oxygen
- (B) Hydrogen sulphide
- (C) Carbon dioxide
- (D) Nitrogen

Ans. (B)

171. Which of the metals has the maximum thermal conductivity?

(A) Iron

(B) Aluminium

(C) Silver

(D) Copper

Ans. (C)

172. Which one of the following forms of phosphorous is most reactive?

(A) Black Phosphorous

(B) White Phosphorous

(C) Violet Phosphorous

(D) Red Phosphorous

Ans. (B)

173. Magnesium is a constituent metal of \_\_\_\_\_.

(A) Chlorophyll molecule

(B) DNA

(C) Mitochondria

(D) Ribosomes

Ans. (A)

174. Name the gas used in preparation of bleaching powder

(A) Oxygen

(B) Hydrogen

(C) Nitrogen

(D) Chlorine

Ans. (D)

175. Phosphorous is kept in water because

(A) Its ignition temperature is very high

(B) Its ignition temperature is very low

(C) Its critical temperature is high

(D) Its critical temperature is low

Ans. (B)

176. In arc welding Argon is used because of its

(A) Low reactivity with metal

(B) Ability to lower the melting point of the metal

(C) High flammability

(D) High calorific value

Ans. (A)

177. Inert gases are

(A) Miscible with water

(B) Not stable

(C) Chemically unreactive

(D) Chemically very active

Ans. (C)

178. Which of the following fuels causes minimum environmental pollution?

(A) Diesel

(B) Kerosene

(C) Hydrogen

(D) Coal

Ans. (C)

179. Which of the following is the most important raw material for generation of power in India?

- (A) Mineral Oil
- (B) Natural Gas
- (C) Uranium
- (D) Coal

Ans. (D)

180. The purest form of water in nature is

- (A) Rain water
- (B) Lake water
- (C) River water
- (D) Sea water

Ans. (A)

181. Highest percentage of carbon is found in which form of coal?

- (A) Anthracite
- (B) Bituminous
- (C) Peat
- (D) lignite

Ans. (A)

182. Which one of the following is a good electrical conductor?

- (A) Graphite
- (B) Diamond
- (C) Peat
- (D) Charcoal

Ans. (A)

183. Which of the following acts as best adsorbent?

- (A) Charcoal
- (B) Activated Charcoal
- (C) Activated Coconut Charcoal
- (D) Carbon black

Ans. (C)

184. Which of the following metal has the least melting point?

- (A) Gold
- (B) Silver
- (C) Mercury
- (D) Copper

Ans. (C)

185. Which of the following elements has the lowest melting point?

- (A) Iodine
- (B) Lead
- (C) Tin
- (D) Mercury

Ans. (D)

186. Which is the highest quality of hard coal?

- (A) Anthracite
- (B) Bituminous
- (C) Lignite

(D) Peat

Ans. (A)

187. Which of the following metal is the heaviest?

(A) Iron

(B) Silver

(C) Nickel

(D) Osmium

Ans. (D)

188. Which of the following metal has the lowest density?

(A) Lithium

(B) Iron

(C) Gold

(D) Vanadium

Ans. (A)

189. Which of the following is the most reactive in nature?

(A) Potassium

(B) Calcium

(C) Lead

(D) Copper

Ans. (A)

190. Which of the following is not a property of a metal?

(A) Hardness

(B) Lustrous

(C) Malleability

(D) Poor conductivity of heat

Ans. (D)

191. Which of the following is an Inert gas?

(A) Hydrogen

(B) Nitrogen

(C) Oxygen

(D) Argon

Ans. (D)

192. Which of the following cannot be beaten into Sheets?

(A) Gold

(B) Silver

(C) Potassium

(D) Aluminium

Ans. (C)

193. Magnesium (Mg) + Oxygen (O) = ?

(A) Mg<sub>2</sub>O

(B) MgO<sub>4</sub>

(C) O<sub>2</sub>Mg

(D) MgO

Ans. (D)

194. Metals react with sodium hydroxide to produce \_\_\_\_\_.



- (A) Oxygen gas
- (B) Sodium
- (C) Water
- (D) Hydrogen gas

Ans. (D)

195. Magnesium oxide (MgO) + Water (H<sub>2</sub>O) = ?

- (A) [Mg(OH)]
- (B) [Mg<sub>2</sub>(OH)]
- (C) [Mg(O<sub>2</sub>H)<sub>2</sub>]
- (D) [Mg(OH)<sub>2</sub>]

Ans. (D)

196. What is formed when Magnesium is burnt?

- (A) Baking Soda
- (B) Calcium Carbonate
- (C) Ash
- (D) Vinegar

Ans. (C)

197. The property of metal by which it can be drawn into wires is called \_\_\_\_\_.

- (A) Malleability
- (B) Viscosity
- (C) Ductility
- (D) Tensile strength

Ans. (C)

198. The property of metals by which they can be beaten into thin sheets is called \_\_\_\_\_.

- (A) Ductility
- (B) Malleability
- (C) Viscosity
- (D) Tensile strength

Ans. (B)