



**SSC CGL 2017**

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## Previously Asked Questions in SSC CGL - Science

1. Highest source of air pollution in the world is? - **Industries.**
2. What are the components responsible for acid rain? - **Sulfur Dioxide (SO<sub>2</sub>) and Nitrogen Oxides (NO<sub>x</sub>)**
3. Boiling Point of water depends upon? - **Atmospheric Pressure**
4. What is Zeolite? - **Hydrated Aluminosilicate**
5. Name the process by which Bubbles from Liquid are formed? - **Surface Tension**
6. Which one of the following is an Insulator? - **Mica**
7. Why does water spill while mercury sticks to the glass? - **Surface tension of mercury is higher than water**
8. Which part of Brain is called "Small Brain"? - **Cerebellum**
9. Why the color of ocean appears blue? - **Because longer wavelengths get absorbed.**
10. 32-degree Fahrenheit is equal to how many Degree Celsius? - **Zero degree Celsius.**
11. Ice packed in saw doesn't melt quickly. Why? - **Saw dust is bad conductor of heat**
12. Name of the point in the orbit of a planet which is farthest from the sun. - **Aphelion**
13. Constituents of biogas - **Methane and CO<sub>2</sub>**
14. Which layer of earth contains ozone? - **Stratosphere**
15. What is used to convert AC to DC? - **Rectifier**
16. What is sullage water treatment process? - **The sullage is treated by coagulation, filtration and disinfection and then pumped to an**



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**overhead tank for toilet flushing and gardening. Thus reducing the requirement of fresh water by 60%.**

17. What is the purest form of carbon? - **Diamond**
18. When sodium bicarbonate is heated strongly what is the product? - **Sodium carbonate, water vapor and carbon dioxide gas.**
19. Why do stars twinkle but not planets? - **Because planets are closer to earth than stars so the light coming from planets does not bend much due to Earth's atmosphere.**
20. Which element causes radioactive pollution in Kerala - **Thorium**
21. What causes rain in the North western India? - **Western disturbance in wind**
22. Through which part in plants does food translocation occurs? - **Phloem**
23. Which is not an external storage memory? - **CD RAM**
24. Which particular concept do washing machines work on? - **Fuzzy Logic**
25. Which part of the brain is associated with hearing? - **Cerebrum**
26. Which of the following are soluble in water? - **Sodium sulphate**
27. Unit of radioactivity? - **Curie.**
28. Which is called quicklime? - **CaO (Calcium oxide)**
29. What is chemical name of Quartz? - **Silica (SiO<sub>2</sub>)**
30. Zika virus infection is spread by which species - **Aedes Species Mosquito**
31. Gas used in fire extinguisher - **CO<sub>2</sub>**
32. Morphology of chromosome can be best observed in which stage of cell division? - **Metaphase stage**
33. What is Silica gel? - **Desiccant**
34. If no atmosphere than what is the colour of the sky? - **Black**
35. Ozone layer protects earth from which rays - **Ultra Violet Radiation**
36. In which body organ is HCL made? - **Stomach**
37. Male mosquitoes feed on - **Plants**
38. Cleanest form of energy - **Wind Energy**

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39. Highest thermal conductivity - **Copper**
40. Force experienced in circular motion - **Centripetal force**
41. Device used in Data Link layer - **Bridges and switches**
42. Echo is an example of - **Reflection**
43. Polio is caused due to - **Poliovirus.**
44. Energy travels from Sun to earth in the form of - **Radiations.**
45. Pellagra & Scurvy diseases caused due to deficiency of - **Vitamin B and Vitamin C**
46. Which hormone controlled the glucose in our body? - **Insulin**
47. Potato is a - **stem**
48. Electric heater consists of which metal? - **Nichrome**
49. Nitric acid doesn't react with - **Gold**
50. Formic acid produced by - **Red ants**
51. Which is the most reactive type of phosphorus? - **White Phosphorus**
52. Excess production of red blood cells leads to disease? - **Polycythemia**
53. What is the use of anemometer? - **Speed of that wind**
54. Spring balance works on the principle of? - **Hooks Principle**
55. Virus in a program duplicates by the process? - **Programs Freezing and Duplicate Processes**
56. Which gas is used as a coolant in refrigerator - (**Confusing options, Ammonia and Freon both are correct**).
57. Which gas is responsible for the ozone depletion - **Chlorofluorocarbons**
58. Transistor is used for - **Amplify or switch electronic signal**
59. Gas produced in bleaching powder - **Chlorine Gas**
60. Which of the following is a Dwarf planet? - **Pluto, Eris.**
61. Glittering of soap bubbles is due to which phenomenon - **Interference.**
62. What is the other name of Vinegar? - **Acetic acid.**
63. What are also called as Suicidal bags? - **Lysosome.**



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64. Optical fiber works on the principle of? - **Total internal refraction (TIR).**
65. Why is Argon gas used in the Welding? - **It is cheaper and produces a more stable electric arc because it is heavier than air (Not sure what the options were).**
66. Which element is the heaviest metal on the periodic table of elements? - **Osmium.**
67. Why does the setting/rising sun appear red?- **Refraction**
68. What is nitrification? - **Biological oxidation of ammonia or ammonium to nitrite, followed by oxidation of the nitrite to nitrate.**
69. Heating up of earth after sunset is due to - **Greenhouse Effect**
70. Which is the largest artery in Human Body? - **Aorta**
71. Which of the following is the least polluting - **Kerosene, Diesel, Coal or Hydrogen - Hydrogen**
72. Vinegar is known as - **Acetic acid**
73. The smell of iodox balm is due to - **Methyl Salicylate**
74. Highest Carbon percentage in which coal - **Anthracite**
75. Outermost surface of Sun - **Corona**
76. Part of brain for understanding motor function - **Motor Cortex**
77. Xylem in plants is for? - Water **transport in plants**
78. Name the chemical present in bee's sting - **Histamine**
79. Kyoto protocol related to - **To control the emission of greenhouse gases and ozone depletion**
80. Which of the following defines 'greenhouse' - **A glass building in which plants are grown**
81. Which of the following forms does granite change into? - **Genesis**
82. Meibomian glands are present in - **Eye**
83. Name the vitamin soluble in water – **Vitamin B**
84. Which of the following is a greenhouse gas? - **Methane**



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85. Sphygmomanometer is used for measuring which of the following? - **Blood Pressure**
86. Which of the following is a commercially utilized energy resource? - **Natural Gas**
87. Which of the following joint bones and muscles together? - **Tendons**
88. Name the protein present in Milk - **Casein proteins**
89. Goitre is caused due to the deficiency of - **Iodine**
90. Which organ is mostly affected in Weil's, disease affected organ is - **Kidney**
91. What is the name of the chemical which is used in the ripening of fruits? - **Calcium Carbide**
92. Which blood cells does AIDS virus destroy? - **White blood cells**
93. Which of the following represents absolute zero temperature? - **Zero Kelvin**
94. Which of the following has the least frequency? - **Visible rays**
95. If an egg is put in salty water, what will happen? - **The egg will break due to osmosis.**
96. Which of the following is related to anaerobic bacterial decomposition - **Fermentation**
97. Left-hand thumb rule is related to - **Magnetic lines**
98. Iron is extracted from its ore by the process of - **Smelting of Iron (Blast Furnace)**
99. Food in the onion is stored in the form of? - **Cellulose.**
100. Pressure is measured with which instrument? - **Barometer**
101. Bauxite is used in which industry? - **Aluminium industry**
102. After corrosion, weight of Iron - **Increases**
103. Name the instrument used for measuring humidity - **Hygrometer**
104. How is Thermal Electricity generated? - **Heat produced from coal is produces water steam.**



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105. Which disease is also called the White Plague? - **TB.**
106. Which of the following disease is caused due to deficiency of vitamin B complex? - **Pellagra.**
107. Which of the following vitamins is water soluble? - **Vitamin C**
108. What is Biofortification? - **Process of Crop Breeding to increase Nutritional Value.**
109. Synthetic detergents are made from? - **Sodium Palmitate**
110. What is Bridgmanite? - **Earth's most abundant Mineral.**
111. Color blindness is due to imbalance of - **Cone cells**
112. Which of the following is the Hardest coal type - **Anthracite**
113. Penicillin is derived from - **Penicillium mold**
114. Colour variation in stars is due to - **Temperature variation**
115. To which of the following categories does DPT vaccine belong? - **Combination Vaccine (for Diphtheria, Pertussis and Tetanus).**
116. What is Anemometer used for? - **Measuring wind speed.**
117. Diodes are generally used in - **Rectifiers**
118. In which industry is limestone used as a raw material? - **Cement Industry**
119. A graft of same character tissue is called? - **Isograft**
120. Gelatin is used in the production of? - **Rubber**
121. Which of the following vitamins does Lemon contain - **Vitamin C (Citric Acid)**
122. Isotopes have same? - **Physical properties**
123. Sextant is used to measure - **Angle**
124. Which is the biggest gland in the human body? - **Liver**
125. Which of the following secretes insulin in the human body? - **Pancreas**
126. Leptospirosis caused by which microorganisms - **Leptospira**
127. Which body organ does Hepatitis affect? - **Liver**
128. Which hormone is also called 'the emergency hormone' of the human body? - **Adrenaline.**

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129. Brown stains on glasses of water are generally due to? - **Calcium**
130. Cod liver oil has? - **Vitamin A and D.**
131. Earth's Ozone layer blocks? - **Ultraviolet Rays**
132. Which of the following is not a connective tissue? - **Muscles**
133. Which of the following do hot substances release? - **Infrared Radiations**
134. CPU consists of? - **ALU, Register unit and Control unit.**
135. Yeast is a type of - **Fungi**
136. Chemical used in paper factory for pulping? - **Sodium Sulfide**
137. Which of the following definitions apply to 'Refraction'? - **Refraction is the bending of a wave when it enters a medium.**
138. Which of the following vitamins are harmful if taken in excess? - **Vitamin B complex**
139. Thymus gland secretes? - **Thymosin**
140. Carboic acid is also called as? - **Phenol**
141. The explosion of an atom bomb is due to - **Uncontrolled chain reaction**
142. If a bomb explodes on the moon, when will you hear it on the earth? - **The sound will never reach earth.**
143. Which Vitamin helps in absorption of Calcium? - **Vitamin D**
144. Laughing gas? - **Nitrous Oxide (N<sub>2</sub>O)**
145. Gautam Buddha belongs to? - **Shakya Clan**
146. Which of the following diseases is caused by contaminated water? - **Typhoid**
147. Hardness of water is determined by? - **EDTA Titration, etc.**
148. Bronze is a mixture of - **Copper and Tin**



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