

Examrace

Everyday Science MCQS Material, Gamma Rays Are Similar to X-Rays

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1. When the resultant of all the forces acting on a body is zero the body is said to be in a state of Equilibrium.
2. Gamma Rays are similar to X-Rays.
3. The Separation of ordinary light into its constituent colours is known as Dispersion.
4. If a body weighs 600 kg on the surface of the earth then the weight of the same body on the surface of moon will be 1/6th i.e. 100kg.
5. When a bullet penetrates into a target, the kinetic energy of a bullet is converted into Mechanical Energy.
6. The process of digestion begins in Mouth.
7. Sometimes when white blood corpuscles greatly increase in number, they cause a disease called Leukaemia.
8. The principle of wireless telegraphy was discovered by Signor Marconi.
9. The planet nearest to sun is Mercury.
10. Pressure cooker works on the principle that the boiling point of a liquid increases with the increase of pressure.
11. Copper is the best conductor of electricity.
12. Blood cells are manufactured by bone marrow of the body.
13. The smallest organism which causes disease is virus and even smaller is called viroids.
14. Neutron, electron and Proton have neutral, negative and positive charges respectively.
15. Of all the flying machines that man has made only Rockets are suitable for space flight.
16. Transistors do not need a warm up period because they have no Filaments.
17. If an object gives off its own light, it is said to be Luminous.
18. An electric heater would be most likely to produce I.R Radiations.
19. The Kelvin scale of temperature is called the absolute scale.

20. The type of radiation that is unaffected by magnetic field is called Gamma Rays.
21. If we know the mass of an object and the force applied on it, it is possible to calculate acceleration of the object.
22. Active transport in animals and plants required metabolic energy and Concentration Gradient to carry the substances across cell membrane electrical gradient.
23. Diseases that spread through air are called Air Borne diseases.
24. When iron is less in body, the quantity of Hemoglobin in cell decreases.
25. Arteries become hard due to deposition of Fats and Cholesterol in them.
26. The science of study of old age is called Gerontology.
27. The instrument used for measuring the velocity is called Anemometer.
28. The science which deals with the bird is called Ornithology.
29. The function of the thermostat in a refrigerator is to maintain temperature.
30. Blotting paper absorbs ink because the action of capillary.
31. Mirage is an example of Reflection of Light.
32. The age of a tree can be determined by counting Rings of stem.
33. In a normal resting man, the rate of heart beat is 72 per minute.
34. In Pakistan copper is found in Saindak.
35. American space shuttle Mercury Atlas-6 is the first winged space ship to orbit and return to airport landing.
36. Myopia is a defect of vision which does not permit to see clearly the distant objects.
37. The brightest planet is Venus.
38. Urea s not a phosphorous fertilizer.
39. Ibn Baitar was a renowned Muslim Botanist.
40. Cellulose is natural polymer.
41. Vitamin A & D are not water soluble.
42. Amoeba is a unicellular animal.
43. Solar eclipse occurs in full moon.
44. Leprosy is a disorder of the Nervous System.
45. Chlorofluorocarbons (CFCs) cause decomposition of ozone.

46. Quartz is chemically a Silicate or Silicon dioxide.
47. Chicken egg is composed of One Cell.
48. Visible light energy has the wave length range of 400-700 nm.
49. The particle with positive charge but having mass equal to that of electron is called Positron.
50. Gas in children's play-balloons going upward is hydrogen.
51. Standard pressure is 760 mm-Hg.
52. Iron corrodes due to the formation of Iron Oxide.
53. Starch is a polymer of Glucose.
54. Adrenalin is secreted by the Adrenal Gland.
55. Mars planet is nearest to the earth.
56. The process of conversion of a material from solid state directly to gaseous state is called Sublimation.
57. Bacteria are parasite.
58. Ruby is an oxide of Aluminium.
59. In the Australian continent nights are larger than days in June.
60. Gypsum is not hydrated calcium carbonate.
61. Uranus is the coldest planet.
62. Chromite ore contains chromium oxide.
63. Mica is a non-conductor of electricity.
64. Sun is not the biggest star in the universe.
65. The capacity to do work is called energy.
66. The energy possessed by body due to its position is called potential energy.
67. Kitab-al-Manazar is publication by a famous Muslim Scientist about Optics.
68. Nucleus usually lies in the centre of animal cells.
69. Calcium and phosphorous are the essential elements of bones.
70. Proteins are formed by combination of amino acids.
71. Rain water dissolves Sulphur dioxide to form Sulphuric Acid.
72. The set of instruction given to a computer is called command.

73. Chemicals such as penicillin which act on bacteria are called antibiotics.
74. Comet shoemaker-levy 9 hit the planet Jupiter in July this year.
75. A branch of medicine studying blood and its disorders is called Hematology. 76. Cytology is the branch of biology which deals with the study of structure and function of cells.
77. A biological study of external form and structure of living organisms or their parts is Morphology.
78. An academic and applied discipline which involves the scientific study of human or animal mental functions and behaviours is called Psychology.
79. A study of the chemical composition of the earth's crust is called Geology.
80. In a heat engine heat energy is changed into Mechanical Energy.
81. Frequency of audible sound is 20-20,000 Hz.
82. Deficiency of vitamin B causes Beriberi.
83. Cheapest source of producing electricity is Water.
84. The smallest unit of measurement of wave-length is Angstrom. 85. The chemical generally used in refrigerator is Freon.
86. The unit –TON to specify air conditioners is equivalent to 12,000 BTU/hour. 87. Unit of electricity –Kilowatt Hour is the unit of Power. 88. Period of famous Muslim scientists is 7th to 13th century A.D.
89. Heat radiation travels at a speed equal to Speed of light. 90. Cryptogams are non-flowering plants.
91. Reserve food material is usually stored as Starch in plants and Glycogen in animals.
92. Streptococcus is a gram positive bacterium.
93. Spinach is a good source of vitamin K.
94. Insulin is a hormone secreted by the pancreas.
95. Femur is a bone of the leg.
96. The moon has no atmosphere.
97. Excessive burning of the fossil fuels causes acid rains.
98. Twenty first of June is the longest day of the year in the northern hemisphere. 99. Electricity is a secondary source of energy.
100. The outer most layer of the earth is called Crust.
101. Newton is the unit of Force.

102. Radium was discovered by Madam Marie Curie.
 103. The memory of the computer is expressed in bytes
 104. AIDS is caused by Human Immunodeficiency Virus (HIV).
 105. Chemical name of gypsum is Calcium Sulphate.
 106. Molten super-hot material present inside a volcano is called Magma/Lava. 107. Richter scale measures the severity of Earthquake.
 108. pH of blood is 7.3-7.4.
 109. one of the countries through which equator passes is Kenya.
 110. Purest form of iron is Wrought Iron.
 111. Hypo is a solution of sodium thiosulphate.
 112. Cod liver oil contains Vitamin D.
 113. Aorta is a n organ of the Circulatory System.
 114. Planet Mars has two moons.
 115. Bauxite is an ore of Aluminium.
 116. Circular aperture which appears as a dark spot in the eyes is called pupil.
 117. The speed of light is nearly 300, 0000 km/sec.
 118. Ideally water can be used as a car fuel after electrolysis.
 119. Our eye is very sensitive to blue light.
 120. Al Beruni died in 1048 A.D.
 121. Abu ail Sina born in Iraq.
 122. Blue colour has shortest wavelength.
 123. Light travels fattest in Vacuum.
 124. The universe is Expanding.
 125. The disease, Haemophilia is caused by the deficiency of Vitamin K.
 126. Protein is a natural polymer.
 127. Astronomers cannot be nominated for the Noble Prize.
 128. A sheet of muscles called Diaphragm separates the chest from the abdomen. 129. In human body, blood clotting factor is produced by the platelets.
- Human blood is able to carry large amounts of oxygen because of the Haemoglobin.

130. The living part of a plant cell is composed of a nucleus and cytoplasm.
131. The pattern for building protein molecule is stored in the messenger RNA.
132. Anvil and stirrup are names of bones present in the ear.
133. The front of the eye is covered with a tough transparent material called Cornea. 134. The young plant inside a grain of wheat is called the Embryo.
135. Inborn behaviour that involves only one part of the body is called Reflex Action.
136. The smallest branches of an artery lead into tiny blood vessels called capillaries.
137. Eustachian tube belongs to ear.
138. Cartilage is a connective tissue.
139. Auricle is present in heart.
140. Tendon is a muscle.
141. Dendrites are the part of Neuron.
142. In an animal cell protein is synthesized in the Ribosome.
143. Chemically finger nails are made up of protein.
144. Muscle stiffness is symptom caused by the disease Tetanus.
145. Riboflavin (vitamin B2) is not affected by cooking.
146. Thiamine is vitamin B1.
147. Ascorbic acid is vitamin C.
148. Rickets is caused by the deficiency of vitamin D.
149. The number of chromosomes in the spermatozoon is 23.
150. The fat in our food is digested by the Enzyme Lipase.
151. The most abundant element in the human body is Oxygen.
152. Sound is a form of energy.
153. A fraction of sunlight is refracted as it enters the earth's atmosphere.
154. Rainbows are produced by the reflection of light through rain drops.
155. Light switches in our homes are connected in parallel series.
156. Generators convert mechanical energy into electricity.
157. Modern incandescent bulbs do not contain filaments made of copper.

158. Trout is not a sea fish.
159. Epiphytes are a plant that grows upon another plant.
160. Hepatitis is the inflammation of liver.
161. Meningitis is inflammation of membrane surrounding the brain.
162. Equinox is the time when the sun appears vertically overhead at noon at the equator.
163. Joseph Aspdin is the inventor of cement.
164. Neurology is the science of Nervous system.
165. Biometry is the application of statistics in the study of Biology.
166. Aviculture is the rearing and breeding of birds.
167. Malaria is caused by Plasmodium.
168. Goitre is caused due to deficiency of Iodine in diet.
169. Typhoid is caused by Salmonella Typhosa.
170. Black hole is a hypothetical region of space having a gravitational pull so great that no mater or radiation can escape from it.
171. Fungicide is used against moulds and fungi.
172. The science which deals with heredity is known as Genetics.
173. Insulin is used for the treatment of Diabetes.
174. Yuri Gagarin is the first space man.
175. The distance between the earth and the sun is called Astronomical unit.
176. The study of chemical processes in living organisms is called Biochemistry.
177. The first computer virus invented by two Pakistani brothers is called the brain virus.
178. Severe deficiency of vitamin C results in Scurvy.
179. Plant cells manufacture their food due to the presence of chlorophyll.
180. Mitosis is a type of cell division where in the number of chromosomes in the daughter cell are the same.
181. Blood cells are of three types.
182. The ultraviolet rays cause sunburn.
183. Xylem and Phloem are conducting tissues.
184. Carbohydrates are cheapest and most ready source of energy.

185. Enzymes are responsible for chemical digestion of food.
186. Plasma is the fluid part of the blood in which the cells are suspended.
187. Hemoglobin combines with oxygen and transport to different cells of the body.
188. Neutron is the negative charged particle in an atom.
189. Hydrogen is the lightest gas.
190. Mercury is the smallest planet of the solar system.
191. Image of the object is formed on the retina of the eye.
192. Barometer is used for measuring the pressure.
193. Monomer of proteins is Amino Acids.
194. Water transport in plants occurs within Xylem.
195. Underground horizontal stems are allied Rhizomes.
196. In the eye only Retina contains receptors for light energy.
197. Plant Hormones control plant response to environment stimuli.
198. Mitochondria are often called the powerhouse of the cell.
199. The rate at which a current changes direction is called its Line Frequency/Main frequency.
200. Diamond is an allotropic form of the element Carbon.
201. Speed of the wind is measured by Anemometer.
202. Ligament connects the muscle with the bone.
203. Polio is caused by virus.
204. Neptune is the coldest planet of the solar system.
205. Eggshell is composed of calcium carbonate.
206. The most abundant element in the earth's crust is oxygen.
207. The main constituent of Biogas is Methane.
208. Stalagmites are deposits of Calcium Carbonate.
209. Gigantism is the result of Hyper Pituitarism.
210. The purpose of computer is Manipulation of data.
211. The chemical name of washing soda is Sodium Bicarbonate.

212. The main constituent of Sui gas is Methane.
213. Blue colour has the shortest wave length.
214. Glass is called Silica.
215. Ascorbic Acid is Vitamin C.
216. The solar system has 8 planets.
217. The second most abundant element in the earth's crust is silicon.
218. The fastest revolving planet is Mercury.
219. Geysers are hot springs that erupt hot waters and steam from time to time. 220. The first simple microscope was invented by Hans Janssen and Zachariah Janssen.
221. Hot liquid rock beneath the earth's surface is called Lava/Magma.
222. Mitochondria are the power house of the cell.
223. Ability of the air to absorb long heat waves from the earth after allowing the short waves from sun to pass through it is known as Green House Effect.
224. Computer works on the principle introduced by the Muslim scientist Musa al-Khwarizmi.
225. Coldest planet of the solar system is Neptune.

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