

## General Science 8th Class English Medium Online Test

Sr	Questions	Answers Choice
1	یائیو پلاسٹک بنی ہوئی ہے۔	A. فیش B. گلوکوز C. پروٹین D. سٹارچ
2	Zygote is formed by the fusion of.	A. Two sperm cells B. Two egg cells C. Two somatic cells D. Sperm cell and egg cell
3	Image distance for a virtual image is always taken.	A. Zero B. +2 C. Positive D. Negative
4	An electric circuit is the path along which.	A. Electron revolve around the nucleus of an atom B. Electric charge flows. C. Magnetic lines of force move D. Electric motors move
5	Each daughter DNA contains one new strand and one strand of ..... DNA.	A. Parent B. Sister C. Daughter D. Grand parents
6	The chemical reaction during which a compound splits up into two or more simple substances, is called.	A. Addition reaction B. Decomposition C. Replacement reaction D. Balanced reaction
7	An alkali metal	A. F B. Be C. Al D. Na
8	Mg belong to the period of the Periodic Table.	A. 1st B. 2nd C. 3rd D. 4th
9	Lactic Acid is found in.	A. Grapes B. Tomatoes C. Ant's spring D. Yogurt
10	Star's distance are measured in	A. Kilometres B. Miles C. Light years D. Nautical miles
11	Thermal decomposition of calcium carbonate produces a gas.	A. Oxygen B. Carbon dioxide C. Nitrogen D. Carbon monoxide
12	The image formed by a convex mirror is.	A. Real and upright B. Real and inverted C. Virtual and upright D. Virtual and inverted
13	In humans, the eye colour is developed due to the effects of.	A. Diet B. Environment C. Genes D. Both a and b
14	Hydrogen and nitrogen are used for the manufacturing of.	A. Benaspati ghee B. Oxygen cylinder C. Hydrogen flame D. Urea
15	Energy of ..... is trapped as chemical energy by producers.	A. Moon B. Atom C. Sun D. Fire

		D. Earth
16	Our Sun is ..... kilometres away from the Earth.	A. 10 millions B. 12 millions C. 15 millions D. 20 millions
17	Genes are located on	A. Chromosomes B. Nucleus C. Centrosomes D. Cell membrane.
18	The DNA molecule consists of ..... strands.	A. Two B. Three C. Four D. Five
19	In dilute HCl blue litmus turns.	A. Orange B. Yellow C. Red D. Pink
20	Galileo invent and used telescope firstly in.	A. 1910 B. 1911 C. 1901 D. 1909
21	These salts are responsible for preventing heart attacks.	A. Salts of sodium B. Salts of calcium C. Salt of potassium D. Salt of Magnesium
22	The unit of electric power is	A. Ampere B. Joule C. Volt D. Watt
23	Fire works is an example of ..... reactions.	A. Addition B. Exothermic C. Endothermic D. Decomposition
24	Draught and excessive.....in the soil also have harmful effects on crop productivity.	A. Water B. Insects C. Salts D. Minerals
25	The improvement in the nutritional quality of edible plants is also one of the advancement of geneti.	A. Engineering B. Development C. Life D. Modification
26	For making bioplastic, we used corn starch and glycerol with amount.	A. 1.4 g and 0.5 g B. 1.5 g and 0.4 g C. 1.5 g and 0.5 g D. 0.5 g and 0.6 g
27	A bacteria is used in genetic engineering because of their.	A. Size B. Nucleus C. Gene D. Fast rate of reproduction
28	It is used to determine a child's paternity or a person's ancestry.	A. gene therapy B. GMO C. Cloning D. Genetic testing
29	How many periods are there in the Periodic Table.	A. Five B. Six C. Seven D. Eight
30	Organism in ecological communities interact with one another in..... major ways.	A. Two B. three C. Four D. Five
31	Na is symbol of.	A. Neon B. Nitrogen C. Sodium D. None of these
32	International space station was built with the collaborations of ..... countries.	A. 20 B. 21 C. 18 D. 19
33		A. Na B. Li

33	A non - metal	<p>C. H</p> <p>D. Be</p>
34	Reduction of chromosomes takes place during.	<p>A. Mitosis</p> <p>B. Meiotic -I</p> <p>C. Meiotic -II</p> <p>D. Both mitosis and meiotic -II</p>
35	Two equal forces act at the same time on the same stationary object but in the opposite directions. Which statement describes the object's motion.	<p>A. The object changes direction</p> <p>B. The object accelerates</p> <p>C. The object remains stationary</p> <p>D. The object moves at a constant speed</p>
36	The additional circular pieces of DNA present in a bacterial cell are called.	<p>A. RNA</p> <p>B. Nucleotides</p> <p>C. Plasmids</p> <p>D. Chromatids</p>
37	A vehicle designed to carry an artificial satellite in outer space is.	<p>A. Rocket</p> <p>B. Air bus</p> <p>C. Jet Plane</p> <p>D. Spacecraft</p>
38	Baking soda , sodium chloride, calcium carbonate and glycerin are usually used for making homemade.	<p>A. Bioplastic</p> <p>B. Detergent</p> <p>C. Tooth paste</p> <p>D. Hardwash</p>
39	Heating of solid potassium chlorate produces a gas.	<p>A. Chlorine</p> <p>B. Carbon dioxide</p> <p>C. Carbon mono oxide</p> <p>D. Oxygen</p>
40	Soap is..... salt of long chain fatty acid.	<p>A. Sodium or potassium</p> <p>B. Magnesium</p> <p>C. Iodine</p> <p>D. Halogen</p>
41	Carbon dioxide is removed from the body through.	<p>A. Blood</p> <p>B. Kidney</p> <p>C. Lungs</p> <p>D. Heart</p>
42	One milli ampere is equal to.	<p>A. 100 micro Ampere</p> <p>B. 1000 micro Ampere</p> <p>C. 10 micro Ampere</p> <p>D. 1 micro Ampere</p>
43	Chromosomes are made of.	<p>A. DNA only</p> <p>B. DNA, Proteins and fats</p> <p>C. Proteins only</p> <p>D. DNA, and proteins</p>
44	The energy of the Sun is trapped as chemical energy by.	<p>A. Tertiary consumers</p> <p>B. Primary consumers</p> <p>C. Producers</p> <p>D. Secondary consumers</p>
45	To make bioplastic, we heat the solution.	<p>A. 70 °C</p> <p>B. 75 °C</p> <p>C. 80 °C</p> <p>D. 85 °C</p>
46	All the food chains are joined together to form .....	<p>A. Food web</p> <p>B. Ecological pyramid</p> <p>C. Trophic level</p> <p>D. None of these</p>
47	The approximate distance of the Sun from the centre of the Milky Way Galaxy is.	<p>A. 24000 light years</p> <p>B. 22000 light years</p> <p>C. 21000 light years</p> <p>D. 25000 light years</p>
48	In maize, there are chromosomes.	<p>A. 14</p> <p>B. 16</p> <p>C. 20</p> <p>D. 48</p>
49	Angle of incidence is equal to the angle of reflection, it is first law of.	<p>A. Refraction</p> <p>B. Dispersion</p> <p>C. Reflection</p> <p>D. Diffraction</p>
50	During reproduction, living things pass their characteristics to their.	<p>A. Parents</p> <p>B. Grand parents</p> <p>C. Off spring</p> <p>D. Brother and sister</p>

51	Exothermic reaction are those reactions during which heat is.	A. Given out B. Remain same C. Absorbed D. Used
52	1 kPa=	A. 1000 Pa B. 100 Pa C. 1056 Pa D. 800 Pa
53	One Solar system is a part of.	A. Andromeda Galaxy B. Jelly Fish Galaxy C. Milky way galaxy D. Irregular Shaped Galaxy
54	Ozone is a layer of gases in ..... atmosphere of the Earth.	A. Upper B. Lower C. Middle D. Inner
55	The characters which are passed from parents to off spring.	A. Environmental characters. B. Natural characters C. Non -inheritable characters. D. Hereditary characters.
56	Before the start of cell division, the parent cell passes through a phase called.	A. Prophase B. Interphase C. Anaphase D. Metaphase
57	6th period in periodic table contains elements.	A. 2 B. 8 C. 16 D. 32
58	Hubble telescope launched in space.	A. 1990 B. 1991 C. 1992 D. 1993
59	James Webb telescope launched in space.	A. 20 December 2021 B. 21 December 2021 C. 22 December 2021 D. 25 December 2021
60	Neurons carry messages in the form of.	A. Electromagnetic waves B. Electro chemical waves C. Transverse waves D. Longitudinal waves
61	How do genetic engineers get insulin for diabetic patients.	A. Isolate from human pancreas B. Isolate from pancreas of other animals C. Insulin gene inserted in human pancreas D. Insulin gene inserted in bacteria
62	Peripheral nervous system consists of	A. Network of nerves B. Spinal cord C. Brain D. PNS and CNS
63	The feeding level of an organism in an ecosystem is called.	A. Food Web B. Food chain C. Trophic level D. Succession level
64	It takes about..... minutes for light from the Sun to reach the Earth.	A. 6 B. 7 C. 8 D. 9
65	Strong alkalis have pH value.	A. 3 to 7 B. 1 to 2 C. 7 to 13 D. 13 to 14
66	The poisonous and harmful substances which make the air unfavorable for life are called.	A. Solid pollutant B. Air pollutant C. Water pollutant D. Acid Rain
67	Sodium hydroxide solution in water will	A. Turn blue litmus red B. Give pink colour with phenolphthalein C. Give red colour with methyl orange. D. Not affect the phenolphthalein

		indicator
68	DNA is called..... material.	A. Hereditary B. Plasma C. Meiotic D. Chromatic
69	The word acid is derived form.	A. Arabic word B. English word C. Latin word D. Greek word
70	Which is the solution of environmental problems.	A. Reducing pollution B. Plantation C. Protection of endangered D. All these
71	How is the angle of incidence related to the angle of reflection.	A. It is greater B. It is smaller C. It is same D. None of these
72	The word alkaline has been taken form.	A. Greek B. Latin C. Arabic D. English
73	Every bacterium of the colony contains a copy of gene of desired.	A. Bacterial B. Protein C. DNA D. Nucleus
74	Section of DNA serving as codes for developing characters in an organism are called.	A. Genes B. Nucleotides C. Plasmids D. Proteins
75	Human nerous system consists of.	A. CNS B. PNS C. Organ system D. CNS and PNS
76	The basic physical and functional unit of heredity is called.	A. DNA B. RNA C. Centronere D. Gene
77	When same amount of force is applied on differente areas, it exerts.	A. Low pressure on small area B. No Pressure on small area C. High pressur eon small area D. High pressur eon large area
78	Water Pressure increases by ..... for every one metre down in a lake or in an ocean.	A. 8000 Pa B. 9000 Pa C. 10000 Pa D. 11000 Pa
79	An instrument that helps in seeing heavenly objects.	A. microscope B. Kaleidoscope C. Telescope D. Periscope
80	..... Controls sensory functions.	A. Thalamus B. Cerebrum C. Hypothalamus D. Cerebellum
81	Carbon burns in air to release energy along with the formation of.	A. Carbon dioxide and hydrogen B. Carbon monoxide and hydrogen C. Carbon di oxide D. Carbon dioixe and water
82	Cleaning of ..... by artificial method is called dialysis.	A. Water B. Urine C. Acid D. Blood
83	An event that occurs during interphase.	A. Division of nucleu B. Duplication of chromosomes C. Division of cytoplasm D. Formation of cell wall
84	As we go up in the air.	A. Atmospheric pressure increases B. Atmospheric pressur edecreases C. Atmospheric pressur edoes not change D. Atmosphericpressur ebecomes zero at the height of 1 km

85	An atom containing two electrons.	A. Be B. Li C. H D. <b>He</b>
86	Speed of light through glass is about.	A. 300000 km /s B. 250000 km/s C. 225000 km /s D. <b>200000 km/s</b>
87	Neuron or nerve cell is the basic structural and functional unit of.	A. PNS and CNS B. <b>Nervous stem</b> C. Organ system D. Spinal cord
88	In pea, there are chromosomes.	A. <b>14</b> B. 16 C. 20 D. 48
89	Plasmid and attached foreign gene with it are collectively called.	A. Recombinant cell B. Recombinant chromosomes C. <b>Recombinant DNA</b> D. Recombinant plasmid
90	The section of DNA which has information for making a specific protein is called.	A. DNA strand B. Nucleotide C. Chromosomes D. <b>Gene</b>
91	The cells which are produced as a result of cell division are called.	A. Parent B. Primary C. Secondary D. <b>Daughter</b>
92	Acid used as a dehydrating agent.	A. Nitric Acid B. Phosphoric acid C. <b>Sulphuric acid</b> D. Hydrochloric acid
93	Consumers that actively hunt other organism are called.	A. Prey B. Competitor C. <b>Predator</b> D. Symbiont
94	Bases react with acids to form water and.....	A. Hydrogen ions B. Ammonia C. <b>Salt</b> D. Hydroxide ions
95	The formula of find the magnitude of current is.	A. <b><math>I = Q/t</math></b> B. $I = QV$ C. $I = CV$ D. $I = C/Q$
96	It is made up of interneurons.	A. <b>Spinal cord</b> B. PNS C. CNS D. Medulla oblongata.
97	A symbiotic relationship in whihc both speciesl get benefit is called.	A. Commensalism B. Hebitate C. <b>Mutualism</b> D. Symbiosis
98	There are ..... types of reflection	A. <b>2</b> B. 3 C. 4 D. 5
99	The outer surface of kidney	A. <b>Convex</b> B. Concave C. Oval D. Circular
100	----- gas is released when dead organisms are decomposed by the decomposers.	A. Oxygen B. <b>Carbon dioxide</b> C. Nitrogen D. Hydrogen
101	People on hills experience atomospheric pressure.	A. More than that at the sea level B. <b>Less than that at the sea level</b> C. same as that at the sea level D. Four times more than that at the se alevel
102	----- is the first stage of life cycle of a plant.	A. Egg B. Zvaote

102	The colour of eyes in an organism is controlled by a.	C. Chromosomes D. Gene pair
103	The relation $R = V/I$ is discovered by a	A. American scientist B. German scientist C. British Scientist D. Russian scientist
104	What is the colour of an object that absorb all the light that hits it.	A. Black B. Green C. White D. Red
105	Tartaric acid obtain from.	A. Fats B. Tamarind , grapes C. Apples D. Citrus fruits
106	The phenomenon which does not lead to global warming.	A. Green house effect B. Ozone depletion C. Deforestation D. Photosynthesis
107	When methane is burnt in air, $CO_2$ and..... are formed.	A. $O_2$ B. $H_2O$ C. Glucose D. Energy
108	It is used for diabetes.	A. Vaccines B. Interferon C. Insulin D. Beta -Endorphin
109	The basic particle of an element is called.	A. Compound B. Mixture C. Atom D. None of these
110	Before mitosis, sets of chromosomes are.	A. Two B. Three C. Four D. Five
111	During a chemical reaction, total mass of the product is equal to the total mass of reactants, this is a statement of.	A. Law of conservation of momentum B. Law of conservation of energy C. Law of conservation of mass D. Law of conservation of acceleration
112	During photosynthesis in plants, carbon dioxide $CO_2$ and water react to produce.	A. Water B. Energy C. Glucose D. $CO_2$
113	Hubble telescope orbits the Earth at a height of about.	A. 550 km B. 560 km C. 500 km D. 600 km
114	Metals are found in..... state at room temperatures.	A. Gas B. Solid C. Liquid D. None of these
115	Unit of Resistance is.	A. Ampere B. Volt C. Ohm D. Farad
116	The rate of flow of charge is called.	A. Volt B. Ohm C. Current D. Coulomb
117	The SI unit of pressure is.	A. Watt B. Joule C. Pascal D. Newton
118	The central nervous system is made of	A. Spinal cord B. Brain C. All parts of body D. Brain and spinal cord
119	A food chain starts from the.....	A. Primary carnivores B. Herbivores C. Producers D. Top carnivores

120	Metals have ..... melting and boiling point.	A. Low B. High C. Very low D. Normal
121	The force acting normally unit area is.	A. Strees B. Strain C. Motion D. Pressure
122	Through which of the following the light travels the fastest.	A. Prism B. Water C. Air D. Vacuum
123	Which of the following is not a biotechnology product.	A. Insulin B. Interferon C. Beta endorphin D. Quinine
124	GPS means	A. Global pure system B. Global positioning system C. Global positioning satellite D. Global pure satellite
125	-----occupy the b ase of pyramid.	A. Producers B. Primary canivores C. Herbivores D. Top carnivores
126	A relationship where two species live together closely is called	A. Symbiosis B. Predation C. Competitor D. None of these
127	----- through the food chain is one of the most important functionsof an ecosystem in maintaining balance of nature.	A. Waisting of energy B. Destroy fo energy C. Transfer of energy D. Produce of energy
128	An element of the third period is the periodic table.	A. Li B. He C. P D. H
129	The astronauts were a specially designed suite called.	A. Space appron B. Space dress C. Space suit D. Space sheet
130	Which of the following is magnetic substance.	A. Glass B. Marble C. Gold D. Cobalt
131	What may be the objectiv eof genetic modifications of plants.	A. Production of disease resistant plants B. Improvement in nutritional quality of plants. C. Production of herbicide resistant plants. D. All of these
132	Which factor is responsible for ecological imbalance.	A. Over hunting B. Change in water supply C. Migration D. All these
133	pH value of milk of magnesia.	A. 7 B. 11 C. 9 D. 14
134	Nucleus is a part of cell, which ..... the whole cell actively.	A. Operate B. Control C. Observe D. Functionale
135	An electric current in a conductor is ude to the flow of.	A. Positive ions B. Negative ions C. Positive charge D. Free electrons
136	Baking soda, calcium carbonate, glycerin, fluorides are usually used for making.	A. Soaps B. Detergents C. Tooth paste D. Banaspati ghee



137	In human body spinal nerves have pairs.	B. 13 C. 31 D. 32
138	Greenhouse gases are	A. Carbon dioxide B. Methane C. Oxides of nitrogen D. All these
139	Mass number of oxygen is	A. 6 B. 16 C. 26 D. 36
140	What causes objects to move.	A. Velocity B. Unbalanced forces C. Balanced force D. Friction
141	Bright stars may appear dim stars because they are.	A. Old star B. New star C. Far away from Earth D. Close to the Earth
142	Physical exploration of space is conducted both by human spaceflights and.	A. Telescope B. Robotic spacecraft C. Rocket D. Spectroscope
143	It is an anti-viral protein.	A. Vaccines B. beta-endorphin C. Interferon D. Growth hormone
144	The products of the reaction between zinc and dilute sulphuric acid are.	A. Zinc oxide and water B. Zinc sulphide and water C. Zinc sulphate and hydrogen D. Zinc sulphide and hydrogen
145	The best material to be used as a core in the coils for making an electromagnet is.	A. Rubber B. Plastic C. Soft Iron D. Steel
146	Act as instructions to make specific proteins	A. Eggs B. Gametes C. Genes D. Protein
147	In humans, a sperm has 23 chromosomes. Egg cell has.	A. 23 chromosomes B. 46 chromosomes C. No chromosomes D. 69 chromosomes
148	Toothpaste is a ..... paste-like material used for cleaning and polishing teeth.	A. Liquid B. Gas C. Semi-Solid D. Solid
149	A force of 1800 N is acting on the surface area of 0.06 m <sup>2</sup> . The pressure exerted by the force will be.	A. 3 kPa B. 30 kPa C. 300 kPa D. 3000 kPa
150	All acids have a taste.	A. Sweet B. Sour C. Bitter D. Salty
151	Coordination between the parts of the body is called.	A. Nervous system B. Organ system C. PNS D. CNS
152	Bio Plastic is made of.	A. Fats B. Glucose C. Proteins D. Starch
153	Which of the following types of mirror can form an image larger than the object.	A. Plane B. Convex C. Concave D. All of these
154	The graphical representation of trophic relationships of organisms in an ecosystem is called.	A. Food Chain B. Ecological pyramid C. Trophic level D. Predation

155	Which fo these is NOT a genetic variation.	A. Attached earlobes B. Blood group C. Eye colour D. Mark of cut on skin
156	A student pushes against a tree with a force of 10 newtons. The tree does not move. What is the amount of force exerted by the treen on the student.	A. 0 B. 5 N C. 10 N D. 20 N
157	Nuclear division in followed by.	A. Cytoplasm B. Nucleus C. Chromosomes D. Cytokinesis
158	A process by which a cell divides into two daughter cells.	A. Life Cycle B. Cell division C. Cell Cycle D. Alternationof generation.
159	The colour of hottest star is	A. Red B. Yellow C. Blue D. White
160	Mass number is number of.	A. Protons B. Neutrons C. Both a and b D. Electrons
161	hardest matter on the Earth is.	A. Lead B. Diamond C. Brick D. Urea
162	You are different from your brother and sisters This is called	A. Adaptation B. Variation C. Mitosis D. Hereditary
163	Who was the first whihc explore the electromagnetic effect.	A. Micheal faraday B. George Simon Ohm C. Coulomb D. Hans Oested
164	To make bioplastic, we use.	A. Starch B. Glycerol C. Distilled water D. Starch, Glycerol and distilled water.
165	The process of cell division involves phases.	A. Two B. Three C. Four D. Five
166	Unit of Pressure is	A. Joule B. Newton C. Nm <sup>2</sup> D. Nm <sup>-2</sup>
167	Carbon cycle and ..... cycle are teh processes in whihc these minerals circulate between the organisms and the environment.	A. Hydrogen B. Iodine C. Oxygen D. Nitrogen
168	Spectroscope is an instrument used to edamine the wavelength of.	A. Water waves B. Sound waves C. Light waves D. Air waves
169	Which type of image is formed in Plane Mirror.	A. Real B. Real and virtual C. Virtual D. None of these
170	Half of the increase in atmospheric carbon dioxide concentrations in the last..... years has occured since 1980	A. 100 B. 200 C. 300 D. 400
171	A typical chromosoes consists of arms.	A. Two B. Three C. Four D. Five
172	On ampere is equal to.	A. 100 mA B. 10 mA

		C. 1000 mA D. 10000 mA
173	During the combustion of fossil fuel. Which gas is enter the atmosphere.	A. Nitrogen B. Oxygen C. Carbon di oxide D. Hydrogen
174	In man, every somatic cell has chromosomes.	A. 23 B. 46 C. 16 D. 20
175	Scientific study of space by using especially developed technology is called.	A. Space invention B. Space exploration C. Space searching D. Space developing
176	On the basis of their functions, neurons are of ..... type.	A. Two B. Three C. Four D. Five
177	The three key ingredients used in making soap are.	A. Oil, lye, water B. NaOH , Oil, lye C. Glycerol, oil, lye D. glycerol, water, oil
178	Which of the following is non-magnetic substace	A. iron B. Steel C. Silver D. Nickel
179	Medium sized kidney stones are removed by.	A. Urine B. Urinary system C. Lithotripsy D. Ureter
180	..... are the functional units of the kidneys.	A. Renal cortex B. Nephrons C. Renal medulla D. Renal pyramids
181	Neutron stars emit higher energy reaiaion such as.	A. Alpha rays B. X-rays C. beta rays D. Gama rays
182	----- is used is solar cooker.	A. Convex mirror B. Concave mirror C. Convex lens D. Concave lens
183	The transmission of characteristics from parents to off spring is called.	A. Heredity B. Inheritance C. Non-inheritance D. Both a and b
184	Small sized kidney stones can be reoved through.	A. Urine B. Urinary system C. Ureter D. Lithotripsy
185	Chromosomes consist of DNA and.	A. Sperms B. Gametes C. Proteins D. Eggs
186	The SI unit of voltage is.	A. Watt B. Joule C. Coulomb D. Volt
187	The organisms upon whihc a redator feeds are called.	A. Prey B. Carnivores C. Herbivores D. Producers
188	In humna body insulin is produced by.	A. Protein B. Glucose C. Genes D. Pancreas
189	The last stage in the life of massive star is	A. Red Gaint B. White dwarf C. Super Giant D. Black hole
		A. Crop plants

190	Herbicides and pesticides are used to eliminate.	B. Crop enemies C. Crop products D. Major crops
191	Number of electron in the valence shell of elements of group 16 is.	A. 3 B. 6 C. 8 D. 16
192	Chromosomes are..... structures.	A. Round B. Circular C. Long D. Thread like
193	Surface temperature of the Sun is	A. 3000 oC B. 6000 oC C. 15000 oC D. 1,500,000 oC
194	What is true formula.	A. Density = Mass x volume B. Density = Mass/volume C. Volume =Mass x volume D. Density = volume/Mass
195	Pressure =	A. Force /Area B. Area/force C. Area x Force D. Area + force
196	An element of group 17 of the Periodic Table.	A. Cl B. Ar C. S D. Si
197	Alloy is ..... forms of metals mixed together.	A. Solid B. Gas C. Normal D. Molten
198	In meiosis, the nucleus of a cell divides.	A. One time B. Three times C. Four times D. Five times
199	Bromine is	A. Solid B. Gas C. Liquid D. All of these
200	A microphone converts mechanical wave energy into.	A. Video signals B. Audio and video signals C. Audio signals D. None of these
201	Ne belongs to	A. Nitrogen family B. Fluorine family C. Noble gases D. Alkaline earth metals
202	..... is/are the treatments of renal failure.	A. Kidney transplant B. Surgery C. Dialysis D. Dialysis and kidney transplant
203	Atomic number of the element of fourth position in second period.	A. 4 B. 5 C. 6 D. 7
204	It is useful for stimulating growth.	A. Vaccines B. Interferon C. Beta-endorphin D. Growth hormone
205	Hypertension is caused by.	A. Low B.P B. Lower Sugar C. High B.P D. Higher sugar
206	Bacteria do not have an organized	A. DNA B. Protein C. Gene D. Nucleus
207	Human brain is enclosed in a bony skull called.	A. Medulla oblongata B. Cerebellum C. Cerebrum D. Cranium

208	A close circuit is the.	A. Complete path of electric current B. Incomplete path of electric current C. Broken path of electric current D. None of the above
209	What happens when light hits a shiny or smooth surface.	A. It is disappeared B. It is refracted C. It is absorbed D. It is reflected
210	In nerve impulse is created in.	A. Sensory neuron B. Spinal cord C. PNS D. CNS
211	Our electricity bill is taken in.	A. Wh B. kWh C. micro Wh D. m Wh
212	In a convex mirror, focus is.	A. Under the mirror B. In front of the mirror C. On the mirror D. Behind the mirror
213	A gene is inserted into a bacterium by.	A. Tissue culture B. Genetic engineering C. Fermentation D. Biodegradation
214	Elements of group 17 are called.	A. Carbon family B. Noble gases C. Nitrogen family D. Halogen family
215	Law of conservation of mass was put forward by	A. Newton B. Planck's C. Lavoisier D. Einstein
216	..... is a material which contains weak or kill pathogens.	A. Protein B. Vaccine C. Insulin D. Pancreas
217	Sodium carbonate is an important salt used for many purposes in industries. Which acid is reacted with sodium hydroxide to get it.	A. Oxalic acid B. Citric acid C. Acetic Acid D. Carbonic acid
218	The king of chemicals is	A. KOH B. HCl C. NaCl D. H <sub>2</sub> SO <sub>4</sub>
219	The fine functions of the cell body which receive messages are called.	A. Dendrites B. Axon C. Nucleus D. Inter neuron
220	The pole of spherical mirror is also called.	A. Principal axis B. Focus C. Vertex D. Focal length
221	Which is used in UPS.	A. Electric generator B. Compressor C. Electric motor D. Inverter
222	A relationship where two species live together closely is called.	A. Mutualism B. Commensalism C. Symbiosis D. Habitat
223	The weight of brain of an adult man is.	A. 1.5 kg B. 2.0 kg C. 2.5 kg D. 3.0 kg
224	A metal	A. C B. Ne C. Cu D. C
225	During interphase..... in the nucleus are duplicated.	A. DNA B. Gametes C. Cytokinesis D. Centrioles

## D. Chromosomes

226	Speed of light through water is about.	A. 300000 km/s B. 250000 km/s C. 225000 km/s D. 200000 km/s
227	How many oxygen atoms are present in onw molecule of $Mg(HCO_3)_2$	A. 2 B. 4 C. 6 D. 8
228	Type of cell division, whihc take place in all parts of plants and animals is.	A. Meiosis B. Mitosis C. Nuclear division D. Cytokinesis
229	The organism whose cells and plasmids are usually used in genetic engineering are.	A. Viruses B. Bacteria C. Algae D. Fungi
230	When light falls on transparent object such as air, water, glass ,etc. It passes through them unchanged, it is called.	A. Absorption B. Reflection C. Transmission D. Diffusion
231	Speed of light is denoted by.	A. l B. s C. d D. c
232	The age of milky way Galaxy is about.	A. 13.6 billion years B. 13.4 billion years C. 13.5 billion years D. 13.7 bilion years
233	Law of conservation of mass put forward in.	A. 1783 B. 1784 C. 1785 D. 1786
234	All parts of the nervous system. i.e. brain , spinal cord and nerves are made up of.	A. CNS B. PNS C. Neurons D. Nerve impulses
235	Substances whihc take part in a chemical reaction are called.	A. Products B. Ractants C. Elements D. Compunds
236	Mathematical form of Ohm's law.	A. $V = I/R$ B. $V = R/I$ C. $V = IR$ D. $V = m/R$
237	Number of elements in short period is.	A. 2 B. 8 C. 16 D. 32
238	----- is/are used to coat the backside of the mirror.	A. Silver B. Copper C. Aluminium D. Silver and Aluminium
239	The equation in which the number of atoms of each element on both sides are not equal is called.	A. Quadratic equation B. Unbalanced equation C. Balanced equation D. Standard equation
240	The organism that contains a.... gene in its cells is called transgenic organisms.	A. Additional B. Internal C. Foreign D. Isolated
241	Telescope on the Earth suffers from the defect that light coming from the stars has to pass through.	A. Space B. Water C. Atmosphere D. Clouds
242	Large variey of compounds exists are.	A. Acids B. Bases C. Alkalies D. Salt
243	4th Period is periodic table is called.	A. Short period B. Normal period C. Extended

		C. Long period D. Very long period
244	During respiration by the animals, which gas is released into the atmosphere.	A. Nitrogen B. Oxygen C. Carbon Di oxide D. Hydrogen
245	Base has a..... touch	A. Soapy B. Hard C. Soury D. Smooth
246	Symbol and formulae of the reactants are written on..... side of arrow.	A. Left B. Right C. Upward D. Both side
247	Inter neurons are present in.	A. CNS B. PNS C. Nucleus D. Cytoplasm
248	The reaction between calcium oxide and carbon dioxide to form calcium carbonate is an example of.	A. Decomposition reaction B. Addition reaction C. Acid-Base reaction D. Neutralization reaction
249	Speed of light through air is about.	A. 300000 km/s B. 250000 km/s C. 225000 km /s D. 200000 km /s
250	Genetically modified organisms are used to produce.	A. Insulin B. Vaccines C. Protein D. Insulin and Vaccines
251	The nearest star after the Sun is.	A. Rigel B. Sirius C. Aldebaran D. Proxima Centaure
252	A ..... force acting on a stationary object could make the object start moving.	A. Balanced B. Inclined C. Unbalanced D. Perpendicular
253	Some metals can be pulled into wire This is because metals are.	A. Ductile B. Solid C. Hard D. Brilliant