

Biology 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Expired drugs cause damage to.	A. Heart B. Lungs C. Kidneys D. Stomach
2	All these are the parts of axial skeleton of humans except:	A. Ribs B. Sternum C. Shoulder girdle D. Vertebral column
3	All herbivore animals are.	A. Grass eater B. Parasites C. Predators D. Prey
4	The correct list of respiratory disorders is;	A. Asthma, emphysema, pneumonia, bronchitis B. Asthma, pneumonia, hemophilia, typhoid, C. Asthma, blood, cancer, emphysema, cholera D. Asthma, cholera, emphysema, malaria
5	In some parts of the body many neurons cell bodies combine to make a group.	A. Nerves B. Tissues C. Ganglion D. Muscles
6	This product is used in the production of soap:	A. Glycerol B. Formic acid C. Sulphuric acid D. Acrylic
7	Used in Electroplating.	A. Glycerol B. Ethanol C. Nitric Acid D. Formic Acid
8	The work on genetic engineering started in:	A. 1944 B. 1946 C. 1948 D. 1952
9	Which is not an objective of genetic engineering?	A. Production of cheese and yogurt by lactic acid bacteria. B. Isolation of particular gene, or part of a gene. C. Production of RNA and protein molecules. D. Correction of genetic defects in higher organisms
10	Is responsible for chemical co-ordination:	A. Endocrine System B. Central nervous system C. Peripheral Nervous System D. Autonomic Nervous System
11	Formation of messenger RNA from DNA is called:	A. Translocation B. Transcription C. Transduction D. Translation
12	The only source of energy for all ecosystems of the world is.	A. Sun B. Moon C. Plants D. Ocean
13	Inside of double helix consists of:	A. Nitrogenous bases B. sugar C. sugar Phosphate D. Phosphate
		A. Homozygous

14	An organism has two different alleles for a single trait its genotype is said to be.	B. Heterozygous C. Holozygous D D. Hemizygous
15	Stomata are present in:	A. Phloem B. Xylem C. Endodermis D. Epidermis
16	The skeletal system out-side the body is called.	A. Endoskeleton B. Exoskeleton C. Normal skeleton D. a and b
17	Many diploid oogonia are present in :	A. Follicles B. Sperms C. Spermatids D. Scrotum
18	In which succulent organs present?	A. Hydrophytes B. Mesophytes C. Xerophytes D. Halophytes
19	Glottis is a narrow opening at the floor of:	A. Nasal cavity B. Nostril C. Pharynx D. Antibiotics
20	A group of species of same species living in a particular area is called:	A. Population B. Community C. Aboitic factor D. Ecology
21	Nitrobactor bacteria converts nitrites into:	A. nitrogen B. nitrates C. urea D. ammonia
22	Formation of messenger RNA from DNA is called.	A. Translocation B. Transcription C. Transduction D. Translation
23	Antibiotics kill or stop growth of:	A. Worms B. Viruses C. Bacteria D. Yeast
24	Urine is temporarily stored in which of these until it is released from body.	A. Kidney B. Ureter C. Urinary bladder D. Urethra
25	Example of Endoparasite is.	A. Plasmodium B. Mosquito C. <div>Leech</div> D. Lices
26	The catilage found in intervertebral discs is:	A. Hyaline B. Fibrous C. Matrix D. Elastic
27	Sir Alexender Flamuing was awarded the Nobel prize in:	A. 1940 B. 1945 C. 1950 D. 1960
28	The nitrate forming bacteria are.	A. Rhizobium B. Nitrosomonas C. Nitrobacter D. Cocci
29	Female reproductive part of flower is called:	A. Androecium B. Gynoecium C. Calyx D. Corolla
30	Essential process for continuation of species is:	A. Reproduction B. Cloning C. Respiration D. Locomotion
31	_____ are sensitive to dim light.	A. Rods B. Cones C. Retina D. Cornea

32	An adult person skeleton has bones:	A. 406 B. 306 C. 206 D. 106
33	Alternatives forms of a gene are called:	A. Allele B. DNA C. Chromosome D. Gamete
34	Diazepan is a drug:	A. Analgesics B. Antibiotics C. Sedatives D. Vaccines
35	Abiotic component of the ecosystem is.	A. Producers B. Consumers C. Decomposers D. Light
36	Glycerol is used to:	A. In Textile B. In production of vinegar C. In printing D. In Beverage
37	The raw material for microorganism for the production of single cell proteins is:	A. Industrial Wastes B. Protozoans C. Agriculture Wastes D. fungi
38	Psilocin is obtained from:	A. Cactus B. Mushroom C. Canabis stiva D. Canabis indica
39	The functional unit of kidney is called.	A. Renal Pelvis B. Nephron C. Bowman's capsule D. Renal Medulla
40	Hind brain does not include :	A. Pons B. Medulla oblongata C. Cerebrum D. Cerebellum
41	the actual location of gene on chromosome is:	A. Locus B. Karyotype C. Chromatids D. Centromere
42	In Genetic Engineering plasmid is used as.	A. Vector B. Endonucleases C. Binder enzyme D. Donor
43	In an arranged data the value lying in the middle is called:	A. Average B. Median C. Mode D. All of them
44	A muscle which contract and straightens the joints called;	A. Flexor B. Receptor C. Extensor D. Effector
45	A network of all the feeding relationships in an ecosystem is called.	A. Food chain B. Food web C. Trophic level D. Energy flow
46	Habitat destruction can result in a loss of:	A. Species B. Population C. Community D. Ecosystem
47	Inside testes the sperms are produced in:	A. vas deferens B. sperms duct C. seminiferous D. collecting ducts tubules
48	The bones in pelvic or hip girdle are:	A. 2 B. 3 C. 4 D. 5
49	Power of speaking is only gifted to:	A. Human being B. Monkey C. Parrot D. Crow

		D. Grow
50	Renal Pelvis is a part of	A. Kidney B. Heart C. Lungs D. Testes
51	A recovery of one of paper can save how many trees?	A. 17 B. 170 C. 200 D. 1000
52	In which of the following gaseous exchange occur through stomata?	A. The leaves and young stems B. Wood stems and nature roots. C. Young roots D. The aquatic plants
53	Arthritis means:	A. fracture B. inflammation C. crystallization D. deficiency of calcium
54	Bone forms:	A. Musous B. Hormones C. Oxygen D. Blood cells
55	The optimum temperature for the germination of the seeds of most plants ranges from:	A. 20 - 30 ^o C B. 25 - 35 ^o C C. 25 - 30 ^o C D. 20 - 25 ^o C
56	Growing an entire new plant from part of the original plant is called.	A. Budding B. Regeneration C. Fragmentation D. Vegetative propagation
57	Cytocine always makes pair with :	A. Guanine B. Hydrogen C. Adenine D. Thymine
58	A group of organisms of the same species inhabiting a species geographical area ta a particular time is called:	A. population B. community C. ecosystem D. species
59	Ribosome reads the sequence of mRNA nucleotides and joins specific amino acids to form protein . This step is known as.	A. Combination B. Replication C. Transcription D. Translation
60	In which type of the following reproduction ways, buds are formed:	A. Regeneration B. Fragmentation C. Budding D. Binary fission
61	Enssential process for continuation of species is:	A. locomotion B. reproduction C. respiration D. cloning
62	Which type of neuron present inside the central nervous system?	A. Sensory neuron only B. Motor neuron only C. Sensory and motor neuron only D. Inter Neuron only
63	Which of the following drug is obtained from lants?	A. Aspirin B. Opium C. Liver of fish D. Fungi
64	It is the process by which the better genetic variations become more common in successive generations of population:	A. Variation B. Artificial selection C. Selective breeding D. Natural selective
65	Which of these micro-organism is used in the production of formic acid?	A. Aspergillus B. Bacillus C. Saccharomyces D. None of these
66	Glycerol is used.	A. In textile B. In production if vinegar C. In printing D. In Beverage
67	When Sir Alexander Fleming was awarded by Nobel prize on the discovery of penicillin?	A. 1881 B. 1955 C. 1945

		<p>C. 1978</p> <p>D. 1912</p>
68	The work of genetic engineering started in :	<p>A. 1944</p> <p>B. 1955</p> <p>C. 1945</p> <p>D. 1943</p>
69	In man the correct passage of air is:	<p>A. nostrils, nasal, cavit, pharynx, trachea, arynxl, bronchi, bronchioles alveolar,duct, aleoli</p> <p>B. nostrils, nasal cavity, Pharynx, larynx , bronchi, trachea , bronchioles , alveolar duct, alveoli</p> <p>C. Notrils , nasal, cavity, larynx, pharynx, trachea,bronchioles, alveolar, duct alveoli,</p> <p>D. Nasal cavity, nostrils, larynx, pharynx, alveoli , trachea bronchi, bronchioles ,alveolar dict ,</p>
70	It is a Hallocinogen.	<p>A. Marijuana</p> <p>B. Aspirin</p> <p>C. Morphine</p> <p>D. Codine</p>
71	These are horizontal underground stems:	<p>A. Tubers</p> <p>B. Rhizomes</p> <p>C. Suckers</p> <p>D. None</p>
72	The complete map of human genome was published in:	<p>A. 1944</p> <p>B. 1978</p> <p>C. 1990</p> <p>D. 2002</p>
73	The muscles of ribs are called;	<p>A. Smooth muscles</p> <p>B. Cardiac muscles</p> <p>C. Intercoastal muscles</p> <p>D. Coastal muscles</p>
74	The number of lobes in right lung is:	<p>A. 1</p> <p>B. 2</p> <p>C. 3</p> <p>D. 4</p>
75	In variation, the phenotypes shows a complete range of measurements from one extreme to the other is.	<p>A. Discontinuous</p> <p>B. Continuous</p> <p>C. <sup>Both a and b</sup></p> <p>D. None of these</p>
76	It is also called sound box:	<p>A. trachea</p> <p>B. larynx</p> <p>C. pharynx</p> <p>D. bronchus</p>
77	Diploid (2n) is:	<p>A. Egg cell</p> <p>B. Sperm cell</p> <p>C. Zygote</p> <p>D. Endosperm</p>
78	What waste products are excreted by kidneys?	<p>A. Urea, water & salts</p> <p>B. Salts, water and carbon dioxide</p> <p>C. Urea & Water</p> <p>D. Urea & salts.</p>
79	Decomposers are.	<p>A. Algae and bacteria</p> <p>B. Mosses</p> <p>C. Animal</p> <p>D. Bacteria and Fungi</p>
80	Ribs which protect the kidneys are.	<p>A. First two</p> <p>B. Last two</p> <p>C. Middle</p> <p>D. Last four</p>
81	The elongation of eye-ball results in.	<p>A. Myopia</p> <p>B. Blindness</p> <p>C. Deafness</p> <p>D. None of these</p>
82	All ecosystems of the world combine to form:	<p>A. Community</p> <p>B. Population</p> <p>C. Biosphere</p> <p>D. Competition</p>
83	All of these are hormones except:	<p>A. Insulin</p> <p>B. Thyroxin</p> <p>C. Glucagon</p>

		D. Pepsinogen
84	Breakdown of glucose molecule in the presence of oxygen called :	A. Glycolysis B. Mitosis C. Both a and b D. None of these
85	Which is the correct order for the path taken by urine after it leaves the kidneys?	A. Urethra, bladder, ureters B. Bladder, ureters, urethra C. Ureters, bladder, urethra D. Bladder, urethra, ureters
86	The plant which have broad leaves and a large.	A. Hydrophytes B. Xerophytes C. Halophytes D. Bryophytes
87	The raw material for microorganism for the production of single cell proteins is.	A. Industrial Wastes B. Protozoans C. Agricultural Wastes D. Fungi
88	The plant in which vegetative propagation occurs by leaf is called:	A. Ginger B. Ferns C. Water lily D. Bryophyllum
89	The most prescribed medications in modern medicine are:	A. Antibiotics B. Sedatives C. Cardiotonics D. Hallucinogens
90	The unit of excretory system is	A. nephron B. neuron C. alveolus D. loop of Henle
91	Bacterium which prepares human growth hormones was synthesized in.	A. 1980 B. 1910 C. 1970 D. 1977
92	E.coli bacterium is capable of synthesizing the:	A. insulin B. human growth hormone C. thymosin D. beta-endorphin
93	The rate of breathing at rest in human is:	A. 16-20 times per minute B. 70-80 times per minute C. 80-100 times per minute D. 10 -20 times per minute
94	The consumers that eat animal flesh as well as plants and plant products are called:	A. Herbivores B. Carnivores C. Omnivores D. Insectivores
95	When did scientists become able to cut and unite DNA?	A. 1945 B. 1924 C. 1944 D. 1970
96	The genotype of wrinkled green seeds was:	A. RRyy B. RrYr C. RRYy D. rryy
97	Flower of which plant is pollinated by wind:	A. Rose B. Sunflower C. Grass D. Buttercup
98	Drugs that interact with Central Nervous system to depress its activities belong to the group of Drugs called.	A. Sedatives B. Narcotics C. Analgesics D. Vaccines
99	No. of hydrogen bonds between Adenine and thymine is:	A. 2 B. 3 C. 4 D. 5
100	During binary fission, how many cells are formed?	A. Two daughter cells B. Four cells C. Many cells D. All of these
		A. Receptors B. Effectors

101	The organs which are specifically built to detect particular type of stimulus are called.	<p>B. Effectors</p> <p>C. Stimuli</p> <p>D. All of these</p>
102	The two main functions of sweat are.	<p>A. To keep the body cool and to remove excess proteins.</p> <p>B. To keep the body warm and to filter the blood</p> <p>C. To filter the blood and the remove waste product</p> <p>D. To remove waste products and to cool the body.</p>
103	Find the INCORRECT statement:	<p>A. Bone is where most blood cells are made.</p> <p>B. Bones serves as a storehouse for various minerals.</p> <p>C. Bones is a dry and non-living supporting structure.</p> <p>D. Bone protects and supports the body and its organs.</p>
104	Pathogens contain special proteins called:	<p>A. Antigens</p> <p>B. Antibodies</p> <p>C. Antibiotics</p> <p>D. Antiseptics</p>
105	mRNA carries sequence of the nucleotides to ribosomes, Ribosomal reads this sequence and joins specific amino acid to form protein, this process is:	<p>A. Duplication</p> <p>B. Transcription</p> <p>C. Translation</p> <p>D. Replication</p>
106	_____ is the longest bone in our body.	<p>A. Arm</p> <p>B. Leg</p> <p>C. Thigh</p> <p>D. Foot</p>
107	In certain parts of body, cell bodies of many neurons form a group enveloped by a membrane. such group is called:	<p>A. Tissues</p> <p>B. Nerves</p> <p>C. Ganglion</p> <p>D. Receptors</p>
108	_____ is break down of the proteins of dead organisms to ammonia.	<p>A. Ammonification</p> <p>B. Nitrification</p> <p>C. Denitrification</p> <p>D. None of these</p>
109	An example of carnivores plant is.	<p>A. Mosses</p> <p>B. Ferns</p> <p>C. Rose plant</p> <p>D. Sundew</p>
110	The chemical composition of glomerulus filtrate is:	<p>A. Water + salts + glucose + urea</p> <p>B. salts + glucose + blood cells</p> <p>C. blood cells + proteins + water</p> <p>D. glucose + urea + proteins + water</p>
111	All Ecosystem of the world join and makes.	<p>A. Biosphere</p> <p>B. Heterosphere</p> <p>C. Geosphere</p> <p>D. Hydrosphere</p>
112	Variations show distinct phenotypes and phenotypes of such variations cannot be measured by:	<p>A. Discontinuous variations</p> <p>B. Continuous variations</p> <p>C. Both a and b</p> <p>D. None of these</p>
113	In _____ James Watson and Francis Crick proposed the structure for DNA.	<p>A. 1951</p> <p>B. 1953</p> <p>C. 1955</p> <p>D. 1957</p>
114	the type of symbolic association in which partner gets benefits while other is neither benefited nor harmed is called:	<p>A. Commensalism</p> <p>B. Mutualism</p> <p>C. Parasitism</p> <p>D. Predation</p>
115	Aspirin belongs to the group of drugs.	<p>A. Synthetic drugs</p> <p>B. Drugs from Bacteria</p> <p>C. Drug from minerals</p> <p>D. Drugs from plant and fungi</p>
116	Among following which is favourable variation in mouse?	<p>A. Light coloured skin</p> <p>B. Medium coloured skin</p> <p>C. Dark coloured skin</p> <p>D. All of these</p>
		<p>A. Saachromyces</p> <p>B. Bacillus</p>

117	Micro organism is used for formic acid:	B. Bacillus C. Aspergillus D. Glycerol
118	Which one is the antiviral protein among the following:	A. Urokinase B. Tyrosin C. Insulin D. Interferon
119	All ecosystems of the world combine to form.	A. Community B. Population C. Biosphere D. Competition
120	In dihybrid cross the genotypic ratio of F2 generation is:	A. 1 : 1 ; 1 : 1 B. 1 : 3 : 1 : 1 C. 1 : 2 : 2 : 1 D. 9 : 3 : 3 : 1
121	Which drugs belong to hallucinogens.	A. Morphine B. Codeine C. Heroin D. Mescaline
122	An example of carnivorous plant is:	A. Mosses B. Ferns C. Rose Plant D. Sundew
123	The alternate form of a gene are called:	A. Genotype B. Phenotype C. Alleles D. Replication
124	Transmission of characteristics from parents to offspring is called as:	A. Replication B. Inheritance C. co-dominance D. Mutation
125	The type of arthritis in which the joints become totally immovable:	A. osteo-arthritis B. gout C. rheumatoid D. none of these
126	Organisms in the ecosystem that are responsible for recycling of plant and animal wastes are.	A. Producers B. Consumers C. Decomposers D. Competitors
127	Who developed fundamental principles of genetics?	A. Lamarck B. Gregor Mendel C. Charles Lyell D. Charles Darwin
128	All the population that live in a habitat and interact in various ways with one another are collectively called:	A. ecosystem B. community C. biosphere D. populations
129	The lowest trophic level of an ecosystem always includes.	A. Herbivores B. Carnivores C. Producer D. Decomposers
130	The sensory part of ear is:	A. Saccule B. Stapes C. Vestibule D. Cochlea
131	Which of the following disease is cured by vaccines?	A. Diabetes B. Hepatitis B C. Cancer D. AIDS
132	Sequence of amino acid in protein is controlled by sequence of ____ in DNA.	A. Genes B. Loci C. Nucleotides D. Alleles
133	The deficiency of which hormone causes goitre?	A. insulin B. thyroxine C. parathormone D. epinephrine
134	Antibiotics are used for the:	A. Treatment of viral infections B. Treatment of bacterial infections. C. Immunization against infections D. Both a and b

135	Calcium oxalate is deposited in the form of crystals in the leaves and stems of.	A. Pines B. Tomatoes C. Rubber D. Keekar
136	Cactus plant is.	A. Hydrophyte B. Xerophyte C. Halophyte D. Mesophyte
137	Sulfonamides affect bacteria in the following way;	A. break the cell wall B. inhibit protein synthesis C. Stop the synthesis of new cell wall D. Stop the Synthesis of folic acid
138	What is the function of the ureter?	A. To store urine. B. To carry urine from the kidney to the bladder C. To carry urine out of the body D. To remove waste from the blood
139	Which one of the example of abiotic factor?	A. Decomposoer B. Light C. Water D. Soil
140	A material which contain weakened pathogen is called.	A. Vaccines B. Antigene C. Antibodies D. Antiboitic
141	The last step of genetic engineering is:	A. insertion of the gene into a vector B. isolation of the gene of interest C. growth of the GMO D. expression of the gene
142	Which kind of blood vessels are present around the alveoli?	A. Artery B. Capillary C. Arteriole D. Veins
143	The biggest bone of our body is found in _____	A. Thigh B. Hand C. Leg D. Waist
144	In man the system of gaseous exchange is:	A. digestive system B. respiratory system C. nervous system D. excretory system
145	The are how many hydrogen bonds between cytosine and guanine?	A. one B. two C. three D. four
146	C-Shaped cartilaginous rings are present in the wall of.	A. Bronchi B. Bronchioles C. Alveoli D. Trachea
147	What an wmbrologist lan wilmot from the body cell of an adult sheep in Scotland 1997?	A. Sheep (Dolly) B. Goat C. Cow D. Buffalo
148	The primary chemical stimulus for breathing is the concentration of.	A. Carbon dioxide in blood. B. Oxygen in blood C. Carbon oxide in muscles D. Oxygen in muscles.
149	It is genetic material.	A. DNA B. RNA C. IRNA D. rRNA
150	When the "World no tobacco day" is celebrated?	A. 30 June B. 31 June C. 11 January D. None of these
151	Percentage of CO ₂ in exhaled are during breathing is:	A. 16% B. 4% C. 79% D. 0.04%
152	The number of bones in human skeleton is:	A. 206 B. 306 C. 106

153	How many lobes are present in right lung?	A. 2 B. 3 C. 4 D. 5
154	The disease of bone in which the density of bones decrease due to loss of calcium and phosphorus is:	A. Osteoporosis B. Osteoarthritis C. Rheumatoid arthritis D. Gout
155	Which drug is obtained from minerals?	A. Morphine B. Aspirin C. Antitoxins D. Tuncher Lodine
156	Who presented the idea of sterile surgery for the first time.	A. Sir Alexander Fleming B. Joseph Lister C. Thomas Grill D. Lamarck
157	Enzyme is used to cut the identified gene from the total DNA of donor organism is:	A. Endonuclease B. Ligase C. Restriction endonuclease D. Amylase
158	A cough, mild wheezing, fever chills and shortness of breath are symptoms of:	A. Emphysema B. Pneumonia C. Bronchitis D. Asthma
159	Specific proteins have specific number and sequence of:	A. Enzymes B. Amino acids C. Locus D. Allele
160	Fruit is formed by:	A. Ovule B. Ovary C. Calyx D. Style
161	_____ prevent dislocation of bones and joints.	A. Ligament B. Tendons C. Salts D. Joint
162	Primary source of energy for all ecosystem is.	A. Electricity B. Sun C. Fire D. Nutrients
163	When the reproductive cycle stops in female, _____ hormones is less produced.	A. Androgen B. Estrogen C. Insulin D. None of these
164	Example of hydrophyte plants is.	A. Grass B. Sea grass C. Cactus D. Water lily
165	The drugs used to reduce pain are known as:	A. Analgesics B. Antiseptics C. Antibiotics D. Sedatives
166	The substance used for the treatment, cure, prevention or diagnosis of disease are called:	A. Medicinal drugs B. Narcotics C. Hallucinogens D. Sedatives
167	Number of bones in Vertebral column is:	A. 22 B. 33 C. 44 D. 55
168	How many diseases of eyes were described by Ali Ibn Isa in his books?	A. 110 B. 120 C. 130 D. 150
169	In case of tetanus vaccination which is for limited time _____ are used for continuous protection.	A. B.Lymphocytes B. Booster shots C. Antibiotics D. None of these
		A. Mosquito

170	Which one is an example of epiphyte?	B. Orchid C. rhizobium D. Plasmodium
171	The first step of genetic engineering is:	A. Growth of the genetically modified organism B. Transfer of the recombinant DNA into the host organism C. Isolation of the gene of interest D. Insertion of gene into a vector.
172	Reduce the possibility of infection on skin :	A. Disinfectants B. Antibiotics C. Antiseptic D. Digitalis
173	Medicine prepared in Laboratory are called:	A. Synthetic B. Plantis made C. Animals made D. Minerals made
174	Which of the following drug is obtained from plants?	A. Asprin B. Opium C. Liver of fish D. Fungi
175	The drugs that kills or reduce the reduce the growth of bacteria.	A. Antibiotics B. Analgesics C. Antibodies D. Antinorcotics
176	It is an example of endoparasite:	A. mosquitoes B. leeches C. lice D. plasmodium
177	Seedless fruits plants are propagated by:	A. cloning B. suckers C. cutting D. grafting
178	Parthenogenesis is a type of reproduction:	A. Sexual B. Fregmentation C. Aseual D. Grafting
179	Which component of cell is involved in translation?	A. Ribosome B. Mitochondria C. Golgi apparatus D. Nucleus
180	The characteristics which appear in an organism are called:	A. Genotype B. Karyotype C. Phenotype D. Body type
181	Male gametes are called:	A. sperms B. eggs C. testes D. ovaries
182	Transmission of Characters from parent to offspring is called.	A. Inheritance B. Mutation C. Regeneration D. Repreduction
183	The material that has weakened pathogens:	A. Antibiotic B. Analgesic C. Vaccine D. Quinine
184	Inherited characters are called.	A. Genes B. Traits C. Genetics D. Fertilization
185	What percentage of oxygen inhaled form air during breathing?	A. 21% B. 22% C. 23% D. 24%
186	Which one of the following is not an endoparasite?	A. Ascaris B. Plasmodium C. Mosquito D. Entamoeba
187	Which form of nitrogen is taken by the producer of the Ecosystem?	A. Nitrogen Gas B. Ammonia C. Nitrage

D. Nitrates

188	How many types of nerves are classified on the basis of property of axons?	A. 2 B. 3 C. 4 D. 5
189	How many hydrogen bonds are formed between adenine and thymine?	A. 1 B. 2 C. 3 D. 4
190	The outer most whorl of flower is called:	A. Corolla B. Petals C. Calyx D. Androecium
191	Ovary ripped and converted into:	A. Seed B. Fruit C. Flower D. Sweetness
192	Which one is co-ordination in nervous co-ordination?	A. Glands B. Brain and spinal Cord C. Brain D. Spinal cord
193	Insulin is secreted by gland:	A. Pituitary B. Pancreas C. Adrenal D. Thyroid
194	Transmission of character (traits) from parent offspring is called:	A. Inheritance B. Mutation C. Regeneration D. Reproduction
195	Which scientist discovered the antibiotic penicillin?	A. Joseph Lister B. Sir Alexander Fleming C. Lan Wilmut D. Edward Jenner
196	Human insulin was prepared by bacteria first time:	A. 2002 B. 1990 C. 1970 D. 1978
197	Which portion of the nervous system that involantrly in action:	A. Stomatic nervous system B. Motor nervous system C. Autonomic nervous system D. Sensory nervous system
198	Which one is used to dissolve blood clots?	A. Urokinase B. Interferons C. Thymosin D. Vaccine
199	The unit of nervous system is:	A. Nephron B. Neuron C. Axon D. Hormone
200	Cytocine always pairs with:	A. Guanine B. Adenine C. Uracil D. Thymine
201	The points of attachment of genes on chromosomes are called.	A. Transcription B. Translation C. Loci D. Phenotype
202	The nature of myelin sheath is:	A. Conductor B. Elastic C. Insulator D. Rigid
203	Which neurons conduct impulses form CNS to effectors?	A. Motor B. Inter C. Sensory D. Hormones
204	Alternative forms of a gene are called.	A. Allele B. DNA C. Chromosome D. Gamete

205	Aspirine belongs to the group of drugs :	A. Synthetic Drugs B. Drugs from plant and fungi C. Drugs from minerals D. Drugs from Bacterai
206	Single cell protein can be obtained from :	A. Insect B. Cow C. Algae D. Bird
207	Medicine can help you to feel:	A. Best B. Better C. Stronger D. Weak
208	The recovery of one of paper can save how many trees.	A. 17 B. 170 C. 200 D. 1000
209	The addictive drug use to reduce pain are:	A. Sedatives B. Narcotics C. Marijuana D. Antibiotics
210	The parts of forebrain are;	A. Thalamus, medulla and pons B. Thalamus, hypothalamus and cerebrum C. Thalamus, hypothalamus and cerebellum D. Thalamus, cerebellum and pons
211	The egg of the honeybee remain unfertilized and develops into haploid males by:	A. Budding B. Parthenocarpny C. Regeneration D. Parthenogenesis
212	In an adult man the average urine formation in a day is.	A. 4 litre B. 1.3 litre C. 1.4 litre D. 3 litre
213	Vocal cards are present in:	A. Nasal cavity B. Pharynx C. Larynx D. Trachea
214	The simplest method of asexual reproduction is:	A. Fragmentation B. budding C. parthenogenesis D. binary fission
215	In alcoholic fermentation, which bacteria is used?	A. Sacchoromyces B. Lactobucillus C. Strepto-coccus D. Both B and C
216	The portion of the nervous system that is involuntary in action.	A. Somatic nervous system B. Dendrites C. Autonomic nervous system D. Sensory nervous sytem
217	Organs which work for homeostasis are:	A. Lungs B. Skin C. Kidney D. All
218	James Watson and Francis Crick proposed the structure of DNA in:	A. 1953 B. 1963 C. 1933 D. 1922
219	Inside testes, sperms are produced in:	A. Vas deferens B. Sperm duct C. Seminiferous tubules D. Collecting duct
220	The organisms expressed physical trait such as seed colour or pod shape is called.	A. Genotype B. Phenotype C. Karyotype D. Baby type
221	The type of environment in which a particular species lives is called.	A. Ecosystem B. Habitat C. Biosphere D. Community

222	Branch of biology in which we study about inheritance.	A. Pharmacology B. Physiology C. Ecology D. Genetics
223	Uses in Electroplating:	A. Glycerol B. Ethanol C. Nitric Acid D. Formic Acid
224	Which is not an advantage of grafting?	A. The graft is identical to the parent plant. B. Grafting allows the propagation of seedless fruits. C. The graft combines the characteristics of two plants. D. Grafting may allow for the faster production of desirable fruits.
225	An organism's expressed physical trait, such as seed colour or pod shape is called its.	A. Genotype B. Phenotype C. Physical type D. Karyotype
226	Insulin is used by patient of which disease?	A. Hepatitis B. Cancer C. AIDS D. Diabetes
227	How many contrasting pairs of characters of pea plant were studied by Mendel?	A. one B. three C. five D. seven
228	Genes consist of:	A. DNA B. RNA C. mRNA D. Protein
229	The process of guttation occurs in the plant.	A. Pine B. Grass C. Keekar D. Rubber plant
230	What an embryologist Ian Wilmut produced from the body cell sheep in Scotland 1997?	A. Sheep B. Goat C. Cow D. Buffalo
231	Human Urinary system consists of.	A. Kidneys B. Ureter C. Urinary bladder D. All of these
232	How many bronchi are there in the air passageway?	A. One B. Two C. Many D. None of these
233	The structural and functional unit of lungs is:	A. trachea B. pharynx C. bronchioles D. alveolus
234	Which is favourable variation in moths after industrial revolution?	A. Light colour B. Medium colour C. Dark colour D. None of these
235	How many carcinogens are present in cigarette smoke?	A. 40 B. 50 C. 60 D. 70
236	An example of immovable joint is :	A. Joints of skull bone B. Hip joint C. Shoulder joint D. Elbow joint
237	An example of hardest connective tissue in the body is:	A. Cartilage B. Bone C. Blood D. fats
238	The tube between kidney and urinary bladder is the.	A. Ureter B. Urethra C. Renal tubule D. Nephron

239	Chromatin is made up of:	A. Carbohydrate B. Protein C. DNA+ Protein D. None of these
240	Streptomycin drug is obtained from.	A. Fungi B. animals C. Bacteria D. Plants
241	One of these cycles is also nutrients cycles.	A. Biogeochemical cycles B. Carbon cycles C. Water cycles D. Nitrogen cycles
242	The structural and functional unit of nervous system is:	A. neuron B. nephorn C. nerve D. cell body
243	A corn developers into new garlic plant. This process is called:	A. Natural vegetation propagation B. Regeneraton C. Meiosis D. Gametogenesis
244	_____ hydrogen bonds are present between cytosine and guanine:	A. 2 B. 3 C. 4 D. 5
245	Where does the gaseous exchange occur in humans?	A. Pharynx B. Trachea C. Bronchi D. Alveoli
246	Genes are located on:	A. Chromosomes B. proteins C. nucleotide D. DNA
247	How many pea plants were used in experiment of Mendel?	A. 28,000 B. 29,000 C. 26,000 D. 27,000
248	Cytosine always makes pair with.	A. Guanine B. Hyhydrogen C. Adenine D. thymine
249	The addictive drug use to reduce pain are.	A. Sedatives B. Narcotics C. Marijuana D. Antibiotics
250	Example of Ectoparasite is:	A. Bacteria B. Virus C. Ascaris D. Mosquito
251	Nitrogen is an important component of:	A. Proteins B. Nucleic acid C. Lipids D. Both a and b
252	Genes are cut from DNA.	A. Ligase B. Restriction endonuclease C. Urokinesis D. Lipase
253	It plays important role in keeping body temperature constant:	A. kidney B. skin C. liver D. lungs
254	Human genome project was launched in:	A. 1990 B. 1970 C. 1978 D. 2002
255	It is a condition in which normal body pigments are absent:	A. Color blindness B. Albinism C. Diabetes D. Sickel cell anacmia
256	Pairs of spinal nerve are:	A. 31 B. 12 C. 21 D. 13

257	Alcoholic fermentation is carried out by.	A. Yeast B. Bacteria C. Virus D. Algae
258	The purpose of Ribs Cage is:	A. Protection of stomach B. Protection of heart and lungs C. Protection of Spinal cord D. Protection of Pharynx
259	In human and other higher animals, the exchange of gases is carried out by:	A. Skin B. Respiratory C. Air passageway D. Lungs
260	In tissue culture technique, cell starts mitosis and produce masses of cells called.	A. Cloning B. Graftings C. Calluses D. Rhizome
261	Chromosomes carry units of inheritance called as:	A. Chromatin B. DNA C. Genes D. None of these
262	In the food chain "grass→grasshopper"→sparrow→ hawk",the secondary consumers is:	A. grass B. grasshopper C. sparrow D. hawk
263	Abiotic component of the ecosystem is:	A. Producers B. Consumers C. Decomposers D. Light
264	Tulip plants reproduce through _____	A. Natural vegetative reproduction B. Artificial vegetative reproduction C. Cutting D. Grafting
265	The length of trachia is _____ cm approximately:	A. 10 B. 12 C. 14 D. 16
266	What do some bones produce?	A. Mucous B. Hormones C. Oxygen D. Blood cells
267	Who introduced the idea of sterile surgery for first time?	A. Alexander Fleming B. Joseph Lister C. Pasteur D. Aristotle
268	Osteoporosis is a disease of:	A. Liver B. Stomach C. Heart D. Bones
269	Nose and larynx are made up of:	A. Hyaline Cartilage B. Elastic Cartilage C. Fibrous Cartilage D. Bone
270	What are not filtered through glomerular capillaries?	A. Blood cells & Proteins B. Fats & Proteins C. Fats & Salts D. Salts & Proteins
271	Medicines prepared in Laboratory are called.	A. Synthetic B. Plants made C. Animals made D. Mineral made
272	Cactus plant produces :	A. Psilocin B. Mescaline C. Morphine D. Codeine
273	What is the smallest bone of human body?	A. Malleus B. Incus C. Stapes D. Cochlea
274	Cacti are example of:	A. Hydrophytes B. Xerophytes C. Halophytes D. Mesophytes

		D. None of these
275	Cartilage is absent in:	A. larynx B. trachea C. bronchi D. bronchioles
276	The factor of an ecosystem is:	A. light B. algae C. bacteria D. producers
277	Lacuna is present in the cartilage of:	A. Bone B. Matrix C. Collagen D. Cartilage
278	_____ separates the middle ear from inner ear.	A. Malleus B. Stapes C. Incus D. eustachian tube
279	The allele which is not expressed is called:	A. Dominant B. Phenotype C. Genotype D. Recessive
280	Lobe concerned with hearing and smelling is:	A. Frontal B. Parietal C. Occipital D. Temporal
281	The part of the brain responsible for muscle movement interpretation of the senses and the memory is the:	A. Pons B. Medulla oblongata C. Cerebrum D. Cerebellum
282	Rabbit is a :	A. Producer B. Herbivore C. Carnivore D. Tertiary Consumer
283	Which one is effective against brain and lung cancer?	A. Beta-endorphin B. Vaccine C. Thymosin D. Insulin
284	Largest unit of Ecology is:	A. Species B. Community C. Ecosystem D. Biosphere
285	The structure of RNA model was proposed by:	A. Charles Darwin B. c.de Buffon C. J.de Lamarck D. 4
286	The longitudinal section of kidney shows the outer part.	A. Renal cortex B. Renal medulla C. Renal Pyramids D. renal Pelvis
287	Onion lily reproduce by:	A. Blubs B. Corms C. Rhizomes D. Stem tubers
288	Number of bones in both feets is :	A. 108 B. 126 C. 22 D. 54
289	Babies are born with about_____ soft bones.	A. 206 B. 250 C. 300 D. 350
290	Study of composition and medical applications of drugs is called.	A. Mycology B. Biotechnology C. Pharmacology D. Physiology
291	An enzyme produced by genetically modified organisms used to break up blood clots is called:	A. Ligase B. Amylase C. Urokinase D. Peptidase
		A. calcium and phosphate minerals are absent in the matrix of cartilage

292	Which statements is not true about cartilage?	are absent in the matrix of cartilage B. The cells of cartilage are called chondrocytes C. blood vessels enter into cartilage D. cartilage is less strong than bone
293	These are unit of inheritance :	A. Genes B. Alleles C. Phenotype D. Genotype
294	The human urinary system consists of.	A. Rectum, Lungs, kidneys, ureters B. Kidneys, ureters, urinary bladder C. Skin, liver, lungs, kidneys D. Kidneys, ureters, urinary bladder, urethra
295	A cardiotonic digitalis is obtained from a plant.	A. Poppy B. Fungi C. Cannabis D. Foxglove
296	Which one does not act as effector:	A. Liver B. Nephrons C. Brain D. Bones
297	Ball and socket joints allow movement in :	A. One direction B. Two directions C. All directions D. Non Disrections
298	The position of gene on chromosome is known as:	A. Locus B. Allele C. Genotype D. Genome
299	In man which hormone is responsible for the development of secondary sex characters:	A. estrogen B. progesterone C. testosterone D. oxytocin
300	In mammals, the number of bones in lower jaw are:	A. Only one B. 3 C. 4 D. 2
301	Example of Endoparasite is:	A. Plasmodium B. Mosquito C. Leech D. Lices
302	The normal body temperature of man is:	A. 27°C B. 37°C C. 47°C D. 57°C
303	First step in Genetic Engineering is.	A. Isolation of gene of interest B. Insertion of gene into a vector C. Transfer of recombinant DNA into host D. Growth of the GMO
304	Edward Jenner first introduced the world's first:	A. Vaccination B. Antigen C. Antibiotics D. Addictive drugs
305	Double fertilization results into:	A. Ovule B. Egg C. Triploid Endosperm Nucleus D. Diploid Endosperm Nucleus
306	Biosphere surrounding the Earth is about.	A. 17 KM B. 18 KM C. 19 KM D. 20 KM
307	Each spore is covered with a thick wall called:	A. Membrane B. Semipermeable membrane C. Fragment D. Cyst
308	Outside back bone of double helix is made up:	A. Sugar B. Phosphate C. Sugar Phosphate D. None of these

309	Night blindness is caused due to the deficiency of _____ in body.	<p>A. Vitamin A</p> <p>B. Lodopsin</p> <p>C. Protein</p> <p>D. Fats</p>
310	In which group of mammals, the fertilized egg do not develop inside the mother's body?	<p>A. Chordates</p> <p>B. Egg laying mammals</p> <p>C. Placental mammals</p> <p>D. All of these</p>
311	The normal breathing rate in human being is:	<p>A. 10-40 times per minute</p> <p>B. 16-20 times per minute</p> <p>C. 30-40 times per minute</p> <p>D. None of these</p>
312	An epiphyte is an example of:	<p>A. Parasitism</p> <p>B. Mutualism</p> <p>C. Commensalism</p> <p>D. Symbiosis</p>
313	In first stem of glycolysis glucose molecules breaks and divide into two _____ molecules	<p>A. Citric acid</p> <p>B. Lactic acid</p> <p>C. Pyruvic acid</p> <p>D. Formic acid</p>
314	The myelin sheath is formed by which wrap around the axons of some neurons.	<p>A. Nodes of Ranvier</p> <p>B. Axons</p> <p>C. Dendrites</p> <p>D. Schwann cells</p>
315	U-Shaped part of renal tubule is called.	<p>A. Renal corpuscle</p> <p>B. Glomerulus</p> <p>C. Loop of henle</p> <p>D. Bowman's capsule</p>
316	The type of symbiotic relationship in which one member get benefit and other is unaffected is called.	<p>A. Parasitism</p> <p>B. Mutualism</p> <p>C. Commensalism</p> <p>D. Predation</p>
317	Organisms that make their own food with help of sunlight, CO and H ₂ O are called.	<p>A. Consumers</p> <p>B. Producers</p> <p>C. Decomposers</p> <p>D. Predators</p>
318	To preserve fruits , vegetables and pickles we add:	<p>A. Water & yogurt</p> <p>B. Salt & acid</p> <p>C. Flour & Salt</p> <p>D. Onion & garlic</p>
319	We proposed the mechanism of organic evolution in 1838?	<p>A. Charles Darwin</p> <p>B. Charles lyll</p> <p>C. Lamark</p> <p>D. Gregor Mendel</p>
320	The typical volume of urine produced by an average adult per day is:	<p>A. 1 liter</p> <p>B. 2 liter</p> <p>C. 1.4 liter</p> <p>D. 5 liter</p>
321	Binary fission is seen in :	<p>A. Yeast</p> <p>B. Planaria</p> <p>C. Hydra</p> <p>D. Corals</p>
322	Specific sequence of DNA nucleotides is copied in the form of mRNA in a process.	<p>A. Replication</p> <p>B. Translation</p> <p>C. Inheritance</p> <p>D. Transcription</p>
323	The process which maintain the internal condition of body at equilibrium despite changes in the external environment is called.	<p>A. Homeostasis</p> <p>B. Excretion</p> <p>C. Absorption</p> <p>D. Tubular Secretion</p>
324	The inflammation of bronchi or bronchioles is called:	<p>A. Bronchites</p> <p>B. Emphysema</p> <p>C. Pneumonia</p> <p>D. Chest box</p>
325	The relationship between the alleles IA and IB of the blood group is:	<p>A. complete dominance</p> <p>B. incomplete dominance</p> <p>C. recessiveness</p> <p>D. co-dominance</p>
326	Horizontal underground stems with scale leaves are called:	<p>A. stem tubers</p> <p>B. rhizomes</p> <p>C. corms</p> <p>D. bulbs</p>

327	In a nucleosome , DNA is wrapped around protein named:	A. Insulin B. Interferon C. Histone D. haemoglobin
328	How sexual reproduction takes place in Rhizopus?	A. By binary fission B. By budding C. By spores D. By Endospores
329	A material which contain weakened pathogen is called:	A. Vaccines B. Antigens C. Antibodies D. Antibiotics
330	An embryologist of Scotland in 1997 produced a sheep (Dolly) from the body cell of an adult sheep is	A. Ian Wilmut B. Buffon C. Darwin D. Lamark
331	An organism that actively hunts other organisms is called.	A. Prey B. Predator C. Parasite D. Host
332	Effectors include;	A. Only muscles B. Only glands C. Muscles and glands D. Brain
333	R-2 means.	A. Reduce B. Recycle C. Renewable D. Reuse
334	Human insulin gene was transferred into:	A. Yeast B. Bacteria C. Virus D. Algae
335	The points of attachment of genes on chromosomes are called:	A. Transcription B. Translation C. Loci D. Phenotype
336	The purpose of rib cage is to:	A. Protect the stomach B. Protect the spinal cord C. Protect the heart and lungs D. Provide an object to which the lungs can attach
337	A relationship between two organisms in which individual of one species may kill and eat individuals of other species is called.	A. Symbiosis B. Competition C. Predation D. Mutualism
338	Is an Analgesic.	A. Diazepam B. Aspirin C. Paracetamol D. Both B and C
339	The process in which incomplete oxidation- reduction of glucose takes place is called:	A. photosynthesis B. respiration C. pasteurization D. fermentation
340	Ginger produces by:	A. Bulbs B. Corns C. Rhizomes D. Stem tubers
341	Functional unit of kidney is.	A. Nerve B. Neuron C. Nephron D. Dendrites
342	Diazepam is a drug.	A. Analgesics B. Antibiotics C. Sedatives D. Vaccines
343	Endoparasite is.	A. Leech B. Lices C. Ascaris D. Mosquito
344	Percentage of water in the body of a human is	A. 20% B. 30% C. 50% D. 60%

344	By drinking plenty of water how many stones can be avoided?	C. 50% D. 90%
345	The maintenance of internal body temperature is called.	A. Osmoregulation B. Thermoregulation C. Excretion D. Guttation
346	There are_____ types of movements.	A. 2 B. 3 C. 4 D. None of these
347	The number of ribs of chest wall is:	A. Fourteen pairs B. Twelve pairs C. Ten pairs D. Thirteen pairs
348	What is tertiary carnivore:	A. Deer B. Frog C. Snake D. Lion
349	in the life cycle of plants how many generations alternate with each other?	A. two B. four C. five D. three
350	Penicillin is discovered by.	A. Joseph Lister B. Edward Jenner C. Alexander Flemming D. Bu Ali Sina
351	Which bring deoxygenated blood from heart into lungs?	A. Pulmonary veins B. Pulmonary Artery C. Aorta D. Wind Pipe
352	Bones in skull are:	A. 22 B. 23 C. 24 D. 25
353	Smoking may also lead to the cancers in:	A. Kidneys and pancreas B. Oral cavity and larynx C. Breast and bladder D. All of them
354	Vegetative propagation by leaves is found in:	A. potatoes B. Bryophyllum C. ginger D. onions
355	Muscles can only:	A. Contract B. Push C. Expand D. All of the above
356	What happens during Exhalation?	A. Ribs muscles relax B. Diaphragm become dome shaped C. Pressure on lungs increased D. All of these
357	Bone marrow is found in:	A. Compact bone B. Spongy bone C. Osteocytes D. Chondrocytes
358	Copies of chromatids of chromosomes are made through the process called.	A. Inheritance B. Transcription C. Translation D. Replication
359	Charles Darwin proposed that organisms produce many more offspring than can possibly survive on the limited amount of resources available to them. According to Darwin, the offspring that are most likely to survive are those that.	A. Are born first and grow fastest B. Are largest and most aggressive C. Have no natural predators D. Are best adapted to the environment.
360	Decomposers are:	A. Algae and bacteria B. Mosses C. Animal D. Bacteria and fungi
361	Which would NOT be present in the filtrate entering the Bowman's capsule of nephron?	A. Water B. Calcium ions C. Blood cells

		D. Urea
362	Is an Analgesic:	A. Diazepam B. Aspirine C. Paracetamol D. Both B and C
363	The outermost part of flower is called:	A. Androecium B. Corolla C. Calyx D. Gynoecium
364	Maintenance of balance in the amounts of water minerals, temperature and glucose in body is called.	A. Excretion B. Tubular secretion C. Homeostasis D. Reabsorption
365	The location or position of genes on chromosomes are called:	A. Loci B. Alleles C. Phenotypes D. Genotypes
366	Which of the following is the abiotic component of an ecosystem?	A. producers B. Herbivores C. Carnivore D. Oxygen
367	One of the drugs derived from minerals:	A. Aspirin B. Opium C. Iodine Tincture D. Streptomycin E. <div style="border: 1px solid black; padding: 2px; display: inline-block;">40px; border: none; padding: 0px;"></div>
368	If an organism have genotype of AAbb, How many types of gametes can it produce:	A. 3 B. 2 C. 1 D. 4
369	Water , soil, air, temperature, wind and sunlight are example of:	A. Biotic factors B. Biomass C. Environment D. Abiotic factors
370	Special organs , tissues or cells of the body which detect stimulae:	A. Receptors B. Coordination C. Effectors D. Dendrites
371	Human insulin gene was transferred into.	A. Yeast B. Bacteria C. Virus D. Algae
372	The allele which is not expressed in F ₁ generation is called:	A. Dominant B. Recessive C. Mutant D. Selected
373	Which bones is part of appendicular skeleton?	A. Skull B. Vertebral column C. Sternum D. Pectoral girdle
374	_____ Lobe of fore brain contains sensory areas that receives impulses from skin:	A. Parietal B. Frontal C. Occipital D. Temporal
375	Which one of the following is a tertiary consumer:	A. Owl B. Larva of butterfly C. Deer D. Rabbit
376	----- is use for the cleaning of sewage water.	A. Bacteria B. Virus C. Algae D. Fungi
377	Outer hard layer of bone is called:	A. Osteocyte B. Compact bone C. Spongy bone D. Cartilage bone
378	The human genome project was started in.	A. 1990 AD B. 1991 AD C. 1992 AD D. 1993 AD

379	Flowers of wind pollination produce.	A. Petals B. Nectar C. No nectar D. Do not reproduce
380	Expired drugs can cause damage to:	A. Heart B. Brain C. Kidney D. Stomach
381	After fertilization in plant the fruit develops from:	A. Wall of ovule B. Petals C. Wall of ovary D. Anther
382	Hallucinogens affect on the.	A. Sympathetic Nervous system B. Central Nervous system C. Spinal cord D. Hypothalamus
383	A relationship between species in which both species benefit is called.	A. Parasitism B. Mutualism C. Symbiosis D. Commensalism
384	Which one controls Rage, Pain, Pleasure and Sorrow?	A. Cerebellum B. Medulla C. Hypothalamus D. Midbrain
385	Plays role in maintaining body temperature.	A. Lungs B. Skin C. Kidneys D. Ear
386	All the alveoli of one side unite to form:	A. Lung B. Kidney C. Thorax D. Chest Box
387	Number of cranial bone is:	A. 8 B. 14 C. 22 D. 33
388	It is a genetic material:	A. DNA B. RNA C. tRNA D. rRNA
389	In 1927,..... developed the concept of ecological pyramids.	A. Kelvin B. Lamarck C. Charles Elton D. Charles Darwin
390	Among following, which is source of variations?	A. Mutation B. Crossing over C. Gene flow D. All of these
391	Neuron fiber which carry away nerve impulses from cell body.	A. Dendrites B. Axons C. Synapsis D. Myelin Sheath
392	A purple flowered pea plant has the genotype PP, which of the following statements about this plant is FALSE.	A. Its phenotype will be white flowers . B. It has a homozygous dominant genotype. C. When bred to a white flowered plant all offspring will be purple flowered. D. All the gametes produced will have the same flower colour allele
393	Every mature ovary is called:	A. Seed B. Fruit C. Flower D. Sporangia
394	Body balance of water, salts, temperature and glucose is termed as:	A. Excretion B. Tubular C. Homeostasis D. Re-absorption
395	An example of endoparasite :	A. Mosquitoes B. Leech C. Lice D. ...

		D. Plasmodium
396	All ecosystem of the world join and makes:	A. Biosphere B. Heterosphere C. Geosphere D. Hydrosphere
397	Vegetation propagation in mint takes place by:	A. Rhizome B. Corms C. Leaves D. Suckers
398	DNA is surrounded by a protein and form a structure called:	A. Nucleotide B. Nucleoside C. Nucleosome D. Nucleus
399	Which joints allow no movement?	A. Moveable joints. B. Slightly moveable joints C. Immoveable joints D. None of these
400	International breeding between individuals for certain traits, or combination of traits is called as.	A. Variations B. Evolution C. Natural selection D. Artificial selection
401	No. of components of coordination process is:	A. 4 B. 7 C. 3 D. 5
402	Which are not filtered through glomerular capillaries.	A. Blood cells B. Proteins C. Both a and b D. Urea
403	On which vegetable , Mendel carried out a large number of experiments?	A. Pea B. Tomatto C. Potato D. Gabbage
404	ABO blood system is controlled by a gene I The number of alleles I.The number of alleles of this gene are:	A. two B. three C. five D. many
405	_____ gland is pea-shaped.	A. Hypothalamus B. Pancreas C. Pituitary D. Adrenal
406	Endoparasite is:	A. Leech B. Lices C. Ascaris D. Mosquito
407	Aspirine belongs to the group of:	A. Derived from the animal B. Derived from plants C. Synthetic drugs D. Derived from becteria
408	250 years age, the population of world was approximately ----- million.	A. 400 B. 500 C. 600 D. 700
409	Corals reproduce by means of:	A. Binary fission B. Fragmentation C. Budding D. Sexual Reproduction
410	50 kilogram of yeast produces how many tons of proteins within 24 hours.	A. 250 B. 150 C. 350 D. 450
411	The example mucilage excreting plant is:	A. keekar B. rubber C. conifers D. lady finger
412	Streptomycin drug is obtained from:	A. Fungi B. Animals C. Bacteria D. Plants
		A. Forebrain B. Midbrain

413	The largest part of brain is;	B. Midbrain C. Hindbrain D. Spinal cord
414	An organism has two different alleles for a single trait. Its genotype is said to be:	A. Homozygous B. Heterozygous C. Holozygous D. Hemizygous
415	No. of bronchi in the air passage way are:	A. 1 B. 2 C. 3 D. 4
416	Vertebral column protects:	A. Heart B. Spinal cord C. Brain D. Lungs
417	Which structure actively helps in taking the air out of lungs?	A. Nasal cavity B. Bronchus C. Bronchiole D. Diaphragm
418	What are the main components of a bone?	A. Marrow, spongy , bone , wax B. Narrow, compact bone, wax C. Compact bone and narrow D. Compact bone, spongy bone
419	During peritoneal dialysis, the waste materials move from:	A. The abdomen to the dialysis fluid B. The dialysis fluid to the peritoneum blood vessels. C. The peritoneum blood vessels to the dialysis fluid D. The dialysis fluid to the abdomen.
420	In human body cells the number of chromosomes present are:	A. 23 B. 46 C. 52 D. 48
421	_____is unable to see during day time.	A. Rabbit B. Owl C. Cat D. Human
422	Effective against brain and lungs cancer:	A. Beta Endorphin B. Interferon C. Thymosin D. Urokinase
423	The respiratory disease that is the destruction of the walls of Alveoli is;	A. Asthma B. Pneumonia C. Emphysema D. Bronchitis
424	The substances used for the treatment cure, prevention of diagnosis of diseases are called:	A. Medicinal drugs B. Narcotics C. Hallucinogens D. Sedatives
425	The end of the skeletal muscle attached with ammoveable bone is called:	A. Origin B. Tendon C. Ligament D. Insertion
426	If you look at an intact human brain, what you see the most is a large, highly convoluted outer surface, this is the:	A. Cerebrum B. Cerebellum C. Pons D. Medulla oblongata
427	Variation selected for their transmission to next generation are:	A. Favourable B. Continuous C. Discontinuous D. None of these
428	the depression near the centre of concave area of kidney is called.	A. Cortex B. Hilus C. Medulla D. Pyramids
429	Ectoparasite is	A. Ascaris B. Amoeba C. Leech D. Plasmodium
430	At the end of a long food chain the energy will be.	A. Will more B. As same as at start C. Will less D. None

431	The process in which inherited material transfer from generation to next generation:	A. Reproduction B. Respiration C. Reduction D. Circulation
432	The populations that live in a habitat and interact with one another are collectively called.	A. Biosphere B. Ecosystem C. Community D. species
433	In an ecosystem the flow of _____ is one way, while _____ is/are constantly recycled.	A. Minerals, energy B. Energy minerals C. Oxygen, Energy D. Glucose, water
434	Mature cells of human body are called:	A. Osteoclast B. Shondrocytes C. Oseocytes D. Collagen
435	Urokinase is used:	A. to dissolve blood clots B. to kill bacteria C. as pain killer D. to synthesize insulin
436	The organisms with modified genetic setup are called:	A. ugenic organisms B. genetic organisms C. mutants D. transgenic
437	A methods for the removal of kidney stone is.	A. Pentonial Dialysis B. Haemodialysis C. Kidney transplant D. Lithotripsy
438	Types of Neurons according to their work are:	A. Three B. Four C. Five D. Two
439	The actual location of gene on chromosome is.	A. Locus B. Karyotype C. chromatids D. Centromere
440	The weight of human kidney is about.	A. 5 g B. 10 g C. 17 g D. 27 g
441	The skeleton found outside the body is called:	A. Endoskeleton B. Exoskeleton C. Hydroskeleton D. Fibroskeleton
442	Sir Alexander flaming was awarded the Nobel prize in.	A. 1940 B. 1945 C. 1950 D. 1960
443	If a planarian breaks into many pieces instead of two, it will be called.	A. Budding B. Spore formation C. Binary fission D. Fragmentation
444	A group of organisms, similar to one another, which can interbreed in nature and produce fertile off springs.	A. Species B. Genus C. Family D. Population
445	Abiotic component of ecosystem is:	A. Producers B. Herbivores C. Camivore D. Oxygen
446	Seed is formed form:	A. ovary B. ovule C. radicle D. plumule
447	All living thing had been created in their current form only a few thousand years ago. This idea is known as:	A. Theory of special creation B. Evolution C. Variations D. None of these
448	In everv kidnev no. of Nephrons is about.	A. 10 Lac B. 5 Lac C. 2.5 Lac D. 1 Lac

		<p>C. More than 10 Lac</p> <p>D. More than 5 Lac</p>
449	Adenine always pairs with:	<p>A. Guanine</p> <p>B. Cytosine</p> <p>C. Uracil</p> <p>D. thymine</p>
450	Reproduction method in Rhizopus is:	<p>A. Binary fusion</p> <p>B. Budding</p> <p>C. Spore formation</p> <p>D. Parthenogenesis</p>
451	Aspirin is categorized as;	<p>A. A drug from animals</p> <p>B. A synthetic drug</p> <p>C. A drug from plants</p> <p>D. A drug from minerals</p>
452	Until 1890 the subject pharmacology was known as:	<p>A. Clinical pharmacology</p> <p>B. Materia medica</p> <p>C. Pharmacy</p> <p>D. All of these</p>
453	The components of coordination action are:	<p>A. two</p> <p>B. three</p> <p>C. five</p> <p>D. seven</p>
454	For gaseous exchange the leaf and young stems have in their epidermis:	<p>A. Stomata</p> <p>B. Lenticels</p> <p>C. Companion cell</p> <p>D. Guard cells</p>
455	Where the sperms of male rabbit are deposited in the female rabbit?	<p>A. Horns</p> <p>B. Cervix</p> <p>C. Follicle</p> <p>D. Ovaries</p>
456	What is correct about tendons?	<p>A. Tendons are flexible and they join muscles with bones.</p> <p>B. Tendons are non-elastic and they join bones with bones.</p> <p>C. Tendons are non-elastic and they join muscles with bones.</p> <p>D. Tendons are flexible and they join muscles with muscles.</p>
457	Cranial bones are:	<p>A. 8</p> <p>B. 9</p> <p>C. 10</p> <p>D. 22</p>
458	The process in which there is incomplete oxidation reduction of glucose.	<p>A. Photosynthesis</p> <p>B. Circulation</p> <p>C. Fermentation</p> <p>D. Transpiration</p>
459	Sedation thinking can develop by using for a long time:	<p>A. Sadatives</p> <p>B. Morphine</p> <p>C. Antibiotics</p> <p>D. Merijuana</p>
460	Every year "World Day" is celebrated on:	<p>A. 31 May</p> <p>B. 30 May</p> <p>C. 31 March</p> <p>D. 21 March</p>
461	Tendons and Ligaments are bands of:	<p>A. Connective tissue</p> <p>B. Muscular tissue</p> <p>C. Nerve tissue</p> <p>D. Epidermic tissue</p>
462	Penicillin is discovered by:	<p>A. <sup>Joseph Lister</sup></p> <p>B. Edward Jenner</p> <p>C. Alexander Flemming</p> <p>D. Bu Ali Sina</p>
463	Reproducing a new plant from any part of a plant is:	<p>A. Parthenogenesis</p> <p>B. Cutting</p> <p>C. Grafting</p> <p>D. Tissue culture</p>
464	500,000 sheep brains were required to produce how much milligram human growth hormone?	<p>A. 5</p> <p>B. 10</p> <p>C. 15</p> <p>D. 20</p>

465	The populations that live in a habitat and interact with one another are collectively called:	<div>A. Biosphere</div> <div>B. Ecosystem</div> <div>C. Community</div> <div>D. Species</div>
466	Which of the following reproduces by bulbs?	<div>A. Garlic</div> <div>B. Ginger</div> <div>C. Terns</div> <div>D. Tulips</div>
467	These are units of inheritance.	<div>A. Genes</div> <div>B. Alleles</div> <div>C. Phenotype</div> <div>D. Genotype</div>
468	The conversion of ammonia to nitrates is carried out by soil bacteria. This process is called.	<div>A. Nitrification</div> <div>B. Denitrification</div> <div>C. Nitrogen fixation</div> <div>D. Assimilation</div>
469	The organ which performs osmoregulation function is:	<div>A. lungs</div> <div>B. kidneys</div> <div>C. stomach</div> <div>D. skin</div>
470	Streptomycin is obtained from.	<div>A. Bacteria</div> <div>B. Virus</div> <div>C. Fungi</div> <div>D. Microorganism</div>
471	How many types of difference shown by individuals of same species?	<div>A. 1</div> <div>B. 2</div> <div>C. 4</div> <div>D. 6</div>
472	The whorl of carpels in a flower is called:	<div>A. Calyx</div> <div>B. Corolla</div> <div>C. Androecium</div> <div>D. Gynoecium</div>
473	The byproducts of photosynthesis are.	<div>A. Carbon dioxide</div> <div>B. Oxygen</div> <div>C. Nitrogen</div> <div>D. Ammonia</div>
474	Vesalius was born in:	<div>A. Brussels</div> <div>B. London</div> <div>C. Birmingham</div> <div>D. Sidney</div>
475	An antiviral protein is.	<div>A. Interferons</div> <div>B. Ligase</div> <div>C. Amylase</div> <div>D. Urokinase</div>
476	In gout _____ is accumulated in immovable joints.	<div>A. Glucose</div> <div>B. Urea</div> <div>C. Uric acid</div> <div>D. Ammonia</div>
477	The study of the relationship between organisms and their environment is called:	<div>A. Biology</div> <div>B. Microbiology</div> <div>C. Ecology</div> <div>D. Genetics</div>
478	_____ is joint movement in only one plane.	<div>A. Ball & Socket</div> <div>B. Hinge joint</div> <div>C. Movable joint</div> <div>D. Slightly movable joints.</div>
479	Planaria reproduces asexually by	<div>A. budding</div> <div>B. binary fission</div> <div>C. parthenogenesis</div> <div>D. spore formation</div>
480	Cartilage is made up of:	<div>A. Matrix</div> <div>B. Collagen</div> <div>C. Chondrocytes</div> <div>D. Ligaments</div>
481	The major cause of lung cancer is:	<div>A. nicotine</div> <div>B. smoking</div> <div>C. viral infection</div> <div>D. radiation</div>
482	The U-shaped part of renal tubule is called:	<div>A. Bowman's capsule</div> <div>B. glomerulus</div> <div>C. renal pelvis</div> <div>D. loop of Henle</div>

483	Vector DNA and Gene of interest, collectively called.	A. Gene B. Recombinant Gene C. Recombinant DNA D. GMO
484	The material that has weakened pathogenes.	A. Antibiotic B. Analgesic C. Vaccine D. Quinine
485	Temporal lobe is concerned with:	A. Hearing and smelling B. Control skeleton muscles C. Visual information D. Both A and B
486	The sensitive layer of eye is:	A. sclera B. choroid C. retina D. iris
487	Functions of effector called	A. Stimulus B. Impulse C. Response D. Axons
488	The materials flow forms one trophic level to the next by means of:	A. food chains B. food webs C. energy pyramids D. both A and B
489	Rate of breathing depends upon concentration of which gas:	A. Oxygen B. Carbon dioxide C. Nitrogen D. Hydrogen
490	The basic trophic level of all food chain is.	A. Producers B. Consumers C. Decomposers D. Reducers
491	Consumers include:	A. animals B. protozoans C. fungi D. all of these
492	Elastic cartilage is found in:	A. In Larynx B. In Trachea C. In Bronchial tubes D. In Epiglottis
493	Human Insulin was prepared by bacteria first time.	A. 2002 B. 1990 C. 1970 D. 1978
494	The medicine reduce the pain.	A. Aspirin B. Quinine C. Chloroquine D. Resochin
495	The name of tube between kidney and urinary bladder is.	A. Renal tubula B. Nephron C. Urethra D. Ureter
496	Which drug belongs to hallucinogens:	A. Morphin B. Codeine C. Heroin D. Mescaline
497	It is an anti-viral protein:	A. urokinase B. thymosin C. insulin D. interferon
498	The process of formation of protein is:	A. Translation B. Duplication C. Mutation D. Replication
499	Which of these cells have haploid number of chromosomes:	A. Spermatogonium B. Primary spermatocyte C. Secondary spermatocyte D. All of these
500	During binary fission, the nucleus of parent organism divides into two by:	A. Sexual reproduction B. Meiosis C. Mitosis D. None of these

		D. None of these
501	This group indicates mescaline and psilocin.	A. Sedatives B. Narcotics C. Hallucinogens D. Vaccines
502	Which of the following is the abiotic part of ecosystem.	A. Grass B. Goat C. Lion D. Soil
503	Dominant alleles are represented by:	A. Small letters B. Capital letters C. Roman Numbers D. Numerical Numbers
504	Central nervous system includes brain and:	A. Noto cord B. Vertebra C. Spinal cord D. Heart
505	For removing stone method in which non-electrical shock waves are bombarded on stones is called.	A. Lithotripsy B. Surgery C. Dialysis D. None of these
506	Which of the following statement regarding genes is FALSE.	A. Genes are located on chromosomes B. Genes consist of a long sequence of DNA C. A gene contains information for the production of a protein D. Each cell contains a single copy of every gene.
507	When did scientists become able to cut and unite DNA?	A. 1945 B. 1924 C. 1944 D. 1970
508	An antiviral protein is:	A. Interferons B. Ligase C. Amylase D. Urokinase
509	In fungi, the spore is covered by a thick wall called.	A. Spore formation B. Sporophyte C. Cyst D. Endospores
510	The cardiotonic known as digitalis, is obtained from a plant:	A. Accacia B. Brassica C. Mimosa D. Fox glove
511	The concave part of the kidney is toward.	A. Upper B. Lower C. Toward vertebral column D. Away from vertebral column
512	E-Coli bacterium was made in.	A. 1970 AD B. 1977 AD C. 1975 AD D. 1980 AD
513	The number of axons present in sensory neuron is:	A. one B. two C. three D. many
514	Bacterium (E.coli) which prepares human growth hormones was synthesized in:	A. 1980 B. 1910 C. 1970 D. 1977
515	The location of position of genes on chromosomes is called.	A. Loci B. Alleles C. Phenotypes D. Genotype
516	The major process that brings carbon from atmosphere into living world is:	A. Photosynthesis B. Respiration C. Both a and b D. None of these
517	Which of the following organisms are decomposers?	A. Fungi B. Algae C. Bacteria D. Both a and c

518	The latest method of vegetative propagation is:	A. Budding B. Bulbs C. Cuttings D. Cloning
519	Glycerol is produced by:	A. Aspergillus B. Bacillus C. Saccharomyces D. Streptococcus
520	Largest unit of Ecology is.	A. Species B. Community C. Ecosystem D. Biosphere
521	Spores which are formed inside bacterial cells are called.	A. Cysts B. Spores C. Endospores D. All of these
522	The average life for donated kidney is.	A. 1-5 years B. 5-10 years C. 10-15 years D. 15-20 years
523	The loss of water in the form drops from tips of leaf is called.	A. Evaporation B. Transpiration C. Guttation D. Excretion
524	How many bones make our skull?	A. 14 B. 22 C. 24 D. 26
525	The drugs used to reduce the pain are called.	A. Analgesics B. Antiseptics C. Antibiotics D. Sedatives
526	The respiratory centre is present in :	A. Lungs B. Brain C. Nose D. Muscles
527	Short underground stems surrounded by thick fleshy leaves that contain stored food are called:	A. stem tubers B. suckers C. corms D. bulbs
528	This is not a part of the hindbrain.	A. Pons B. Medulla oblongata C. Cerebrum D. Cerebellum
529	During exercise or other hard physical works the breathing rate may increase up to.	A. 30-40 times per minute B. 50-60 times per minute C. 60-70 times per minute D. 70-80 times per minute
530	Interior of bone is soft and porous which is called:	A. Compact bone B. Spongy bone C. Bone marrow D. Cartilage
531	How many pairs of ribs in humans?	A. 12 B. 24 C. 26 D. 30
532	The current level of urbanization in Pakistan is about_____ which is not high by global standards.	A. 23% B. 32% C. 36% D. 39%
533	Insulin and glucagon are produced in the .	A. Hypothalamus B. Anterior pituitary C. Liver D. Pancreas
534	Single -Cell protein (SCP) refers to the protein content extracted form pure or mixed cultures of:	A. algae, yeasts, fungi or bacteria B. fungi or bacteria C. algae, yeasts D. algae, viruses, bacteria
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535	The total amount of living matter in an ecosystem at any time is called.	B. Energy A. Food Chain C. Food Chain D. Food web
536	Dengue fever is an infection of.	A. Algal B. Viral C. Fungal D. Bacterial
537	The study of the relationship between organisms and their environment called.	A. Biology B. Microbiology C. Ecology D. Genetics
538	In propagation of peach _____ is use:	A. Cutting B. Grafting C. Suckers D. Runners
539	Which one is not biotic factor.	A. Plants B. Animal C. Mud D. Bacteria
540	Which of the following addictive drug obtained from opium?	A. Morphines B. Aspirin C. Antitoxins D. Tuncher iodine
541	Who presented the idea of sterile surgery for the first time:	A. Sir Alexander Fleming B. Joseph Lister C. Thomas Grill D. Lamarck
542	In normal condition human respiration rate is:	A. 12 to 15 per minute B. 15 to 12 per minute C. 10 to 12 per minute D. 16 to 20 per minute
543	Process that carry nerve impulses away from the cell body are called.	A. Axon B. Dendrites C. Synapses D. Myelin sheath
544	The number of drug addicts in Pakistan's currently to be about.	A. 200000 B. 300000 C. 400000 D. 500000
545	All herbivore animals are:	A. Grass eater B. Parasites C. Predaters D. Prey
546	The female reproductive part of flower is:	A. Carpels B. Sepals C. Petals D. Stamens
547	A DNA molecule consists of _____ polynucleotide strands.	A. 2 B. 3 C. 4 D. 5
548	Genetically modified organism is called:	A. DSS B. DHF C. DNA D. GMO
549	Point of attachment is pulled when a muscle contracts is called.	A. Origin B. Insertion C. Both a and b D. None of these
550	How many genotypes are possible for the allele "A" and "a" ?	A. two B. three C. four D. seven
551	The animal whose DNA has been changed is called.	A. Transferred B. Transgenic C. Monohybrid D. Dihybrid
552	What type of blood vessels surrounds the alveoli?	A. Artery B. Arteriole C. Capillary D. Vein

A. traits

553	The alternate forms of a gene are called:	<p>A. alleles</p> <p>B. companion genes</p> <p>C. alleles</p> <p>D. homologous genes</p>
554	Conversion of urea and uric acid into Ammonia is called.	<p>A. Assimilation</p> <p>B. Nitrogen fixation</p> <p>C. Ammonification</p> <p>D. Biological fixation</p>
555	Which scientist discovered the antibiotic penicillin?	<p>A. Joseph Lister</p> <p>B. Sir Alexander Fleming</p> <p>C. Ian Wimut</p> <p>D. Edward Jenner</p>
556	A symbiotic interaction in which both partners get benefits.	<p>A. Mutualism</p> <p>B. Commensalism</p> <p>C. Parasitism</p> <p>D. Predation</p>
557	It is not a disorder of skeletal muscle:	<p>A. arthritis</p> <p>B. osteoporosis</p> <p>C. tetany</p> <p>D. osteo-arthritis</p>
558	Name of mature blood cells is:	<p>A. Osteocytes</p> <p>B. Chondrocytes</p> <p>C. Oocytes</p> <p>D. Tendons</p>
559	Buttercup is an example of:	<p>A. Wind pollinated flower</p> <p>B. Insect pollinated flower</p> <p>C. Water pollinated flower</p> <p>D. None of these</p>
560	Gaseous Exchange in cow takes in:	<p>A. Bronchi</p> <p>B. Trachea</p> <p>C. Pharynx</p> <p>D. Alveoli</p>
561	Which of these is an anti-viral protein?	<p>A. Urokinase</p> <p>B. Thymosin</p> <p>C. Insulin</p> <p>D. Interferon</p>
562	Conversion of Nitrates into nitrogen gas is called.	<p>A. Denitrification</p> <p>B. Assimilation</p> <p>C. Ammonification</p> <p>D. Nitrogen fixation</p>
563	Which type of coordination is present in plants:	<p>A. Chemical Coordination</p> <p>B. Mechanical Coordination</p> <p>C. Nervous Coordination</p> <p>D. Electrical Coordination</p>
564	The waste products secreted by kidneys contain:	<p>A. Urea, water and salts</p> <p>B. Salts, water and carbon dioxide</p> <p>C. Urea and water</p> <p>D. Urea and salts</p>
565	One organism kills and feeds on another organism is called.	<p>A. Predation</p> <p>B. Parasitism</p> <p>C. Mutualism</p> <p>D. Commensalism</p>
566	The allele which is not expressed is called.	<p>A. Dominant</p> <p>B. Phenotype</p> <p>C. Genotype</p> <p>D. Recessive</p>
567	Rhizopus reproduces asexually by:	<p>A. Binary fission</p> <p>B. Budding</p> <p>C. Spore formation</p> <p>D. Endospore formation</p>
568	Which Charles Eton developed the concept of ecological pyramids?	<p>A. 1926</p> <p>B. 1927</p> <p>C. 1928</p> <p>D. 1929</p>
569	In the food chain tree.... caterpillar.. robin..hawk....coyote, which is secondary consumer?	<p>A. Caterpillar</p> <p>B. Robin</p> <p>C. Hawk</p> <p>D. Coyote</p>
570	Which one of the following have exoskeleton?	<p>A. Arthropods</p> <p>B. Birds</p> <p>C. Mammals</p> <p>D. Reptiles</p>

571	Rabbit is a.	A. Producer B. Herbivore C. carnivore D. Teriary consumer
572	The male reproductive part if flower is:	A. Stigma B. Stamen C. Ovary D. Carpel
573	The bonds which attach muscles to bones are called:	A. ligaments B. tendons C. cartilage D. muscles
574	An example of Endoparasite.	A. Mosquitoes B. Leech C. Plasmodium D. Lice
575	Interferons are _____ proteins:	A. Antibacterial B. Antiviral C. _{Antifungal} D. Antidrugs
576	The hard outer layer of a bone is called;	A. Bone marrow B. Hyoid bone C. Spongy bone D. Compact bone
577	Which part of flower is changed into fruit?	A. Ovule B. Ovary C. Petals D. Anther
578	Microspore in plants is also termed as:	A. Pollen grain B. Pollen tube C. Germ nucleus D. Mega spore
579	Where does the gaseous exchange occur in humans:	A. Pharynx B. Larynx C. Trachea D. Epiglottis
580	Amount of nitrogen in expired air is:	A. 70% B. 80% C. 79% D. 4%
581	Effective against brain and lungs cancer.	A. Beta Endorphin B. Interferon C. Thymosin D. Urokinase
582	In the atmosphere, carbon is found as	A. graphite B. diamond C. carbonates D. carbon dioxide
583	The drugs which is used to reduce the pain are called:	A. Analgesics B. Antiseptics C. Antibiotics D. Sedatives
584	Most of the gaseous exchange in a leaf occurs through.	A. Stomata B. General surface C. Cuticle D. lenticels
585	A medicine for lowering blood pressure, which has sulfonamide group is:	A. Asprine B. Penicilline C. Thiazide diuretics D. Teramycine
586	Example of ball and socket joints is :	A. Elbow joint B. Shoulder joint C. Joint of Ankle D. Joint of fingure
587	Cartilage and bones are ____ type of animal tissues:	A. Ground B. Supporting C. Connective D. Columns
588	Genes are cut from DNA:	A. Ligase B. Restriction endonuclease C. Urokinesis

		D. Lipase
589	Which one of the following is tertiary consumer.	A. Owl B. Larva of butterfly C. Deer D. Rabbit
590	The rate of breathing during exercise or other hard:= physical work is:	A. 10-20 times B. 20-30 times C. 30-40 times D. 40-50 times
591	Which of the following air pollutant react with water in atmosphere producing acid rain?	A. Hydrocarbons fluorine B. Flyash, soot C. chlorine , smoke D. Sulphur dioxide, Nitrogen oxide.
592	The human genome project was started in:	A. 1990 AD B. 1991 AD C. 1992 AD D. 1993 AD
593	Total chemicals in tobacco smoke are:	A. 1000 B. 2000 C. 3000 D. 4000
594	Which form of nitrogen is taken by the producers of the ecosystem?	A. Nitrogen gas B. Ammonia C. Nitrates D. Nitrites
595	Identify the correctly matched pair:	A. Rainfall biotic factors in ecosystem B. Global warming formation of fossil fuels C. Renewable natural resources air D. Corn secondary consumer
596	Lungs are enclosed in a membrane called;	A. peritonium B. pleural membrane C. epidermis pericardium
597	Ovule after ripening make :	A. Fruit B. Seed C. Root D. Egg
598	The animal whose DNA has been changed is called:	A. Transformed B. Transgenic C. Monohybrid D. Dihybrid
599	For which purpose antibiotics are use:	A. For virul infections B. For treatment of becterial infection C. Against infection D. A and B both
600	Scientists are able to cut and paste the DNA of organism in:	A. 1944 B. 1970 C. 1990 D. 2002
601	The loss of water from plant surface in the form of vapours is called.	A. Transpiration B. Guttation C. Excretion D. Thermoregulation
602	The drugs that kills or reduce the growth of bacteria:	A. Antibiotics B. Analgesics C. Antibodies D. Antinortics
603	Human skeleton contain number of bones:	A. 106 B. 206 C. 306 D. 406
604	Expression of genotype in the form of trait is:	A. Genome B. Phenotype C. Complete dominance D. Incomplete dominance
605	Cutting of walls of Alveoli called:	A. Pneumonia B. Emphysema C. Bronchitis D. Asthama
606		A. Nitrogen B. Oxvaen

606	Naturally found in graphite and diamond.	C. Hydrogen D. Carbon
607	The parts of body which receive message from coordinates and produce response are;	A. Effectors B. Receptors C. Stimulus D. Neuron
608	Among following which is example of co-dominance?	A. Blood group A B. Blood group B C. Blood group AB D. Blood group O
609	The rise of the bread is due to;	A. carbon dioxide B. ethanol C. acetaldehyde D. pyruvic acid
610	When the complete map of human genome was published?	A. 2002 B. 2001 C. 2005 D. 1902
611	The length of human kidney is.	A. 27 cm B. 4cm C. 5 cm D. 10 cm
612	The organ of excretory system which makes urine after filtration of blood:	A. glands B. liver C. lungs D. kidney
613	In human which process occurs in alveoli?	A. Transport B. Nutrition C. Gaseous Exchange D. Reproduction
614	Edward Jenner introduced vaccine of which disease?	A. Small pox B. AIDS C. Hepatitis D. Malaria
615	Number of bones of sternum is:	A. 1 B. 8 C. 14 D. 22
616	In plants, gaseous exchange takes place as:	A. CO ₂ is removed and O ₂ is absorbed B. CO ₂ is absorbed and O ₂ is removed C. CO ₂ and O ₂ both are absorbed D. CO ₂ and O ₂ both are removed
617	Which one of the following is not a temporary parasite?	A. Mosquito B. Virus C. Leech D. Bed bug
618	Which are put in first trophic level?	A. Carnivores B. Producers C. Herbivores D. Consumers
619	In Genetic Engineering plasmid is used as:	A. Vector B. Endonucleases C. Binder enzyme D. Donor
620	Ribosome reads the sequence of mRNA nucleotides and joins specific amino acids to form protein. This step is known as:	A. Combination B. Replication C. Transcription D. Translation
621	Drug derived from minerals.	A. Morphine B. Aspirin C. Antitoxin D. Tincture iodine
622	How many pairs of homologous chromosomes are present in human body cells.	A. 22 B. 23 C. 24 D. 25
623	Streptomycin is obtained from:	A. Bacteria B. Virus C. Fungi

		D. Microorganisms
624	Genetics is branch of biology in which we study.	A. Functions B. Fossils C. Inheritance D. Evolution
625	Amount of Urea in normal chemical composition is.	A. 9.3 g/l B. 1.87 g/l C. 1.17 g/l D. 0.75 g/l
626	Rubber plant secretes.	A. Rubber B. Latex C. Mucilage D. Resin
627	Bones which enclose brain are called.	A. Cranial bones B. Cervical bones. C. Vertebrae D. None of the above
628	All populations collectively are called:	A. Species B. Biome C. Community D. Ecosystem
629	The cardiotonic known as digitalis, is obtained from a plant.	A. Accacia B. Barassica C. Mimose D. Fox glove
630	Main role to give out air from lungs is;	A. Bronchus B. Bronchi C. Bronchiote D. Diaphragm
631	In ecosystem the role of decomposers is played by	A. animals B. plants C. bacteria and fungi D. algae
632	In animal process of reproduction without fertilization is called:	A. Parthenocarp B. Parthenogenesis C. Tissue culture D. Fission
633	The pathway followed by the nerve impulses for producing a reflex action is called.	A. Reflex action B. Reflex arc C. Neuron D. Spinal cord
634	Which plant reproduces by stem tubers?	A. Onion B. Garlic C. Potato D. Ginger
635	The examples of hinge joints are:	A. shoulder joints B. knee and elbow joints C. arm and shoulder joints D. neck joints
636	The enzyme which is used to cut the gene of interest is:	A. Endonuclease B. Ligase C. Amylase D. Lipase
637	Living of nitrogen fixing bacteria in the root nodules of Leguminous plant is an example of.	A. Predation B. Parasitism C. Mutualism D. Commensalism
638	Gene contains instructions for the synthesis of.	A. Fats B. Carbohydrates C. Vitamins D. Proteins
639	In _____ the buds do not detach from the parent body.	A. Hydra B. amoeba C. Bacteria D. Corals
640	Branch of Biology in which we study about inheritance.	A. Pharmacology B. Physiology C. Ecology D. Genetics
641	The cells of cartilage are called:	A. Chondrocytes B. Osteocytes

641	The cells of cartilage are called:	C. Collagen D. Osteoclast
642	One of the drugs derived from minerals.	A. Aspirin B. Opium C. Iodine tincture D. Streptomycin
643	It is effective against brain and lung cancer:	A. thymosin B. beta-endorphin C. human growth hormone D. insulin
644	Which is tertiary carnivore.	A. Deer B. Frog C. Snake D. Lion
645	The correct match for the Fermentation product and organism involved is:	A. Formic acid - Saccharomyces B. Ethanol - Saccharomyces C. Ethanol - Aspergillus D. Glycerol - Aspergillus
646	The Myelin Sheath of formed by:	A. Nodes of Ranvier B. Axons C. Dendrites D. Schwann cells
647	Which organism is used in fermentation for the preparation of glycerol:	A. Aspergillus B. Saccharomyces C. Bacillus D. Streptococcus
648	Which of the following diseases is cured by vaccines?	A. Diabetes B. Hepatitis B C. Cancer D. Aids
649	The substance used for the treatment, cure, prevention or diagnosis of disease are called;	A. Medicinal drugs B. Narcotics C. Hallucinogens D. Sedatives
650	Which one is used for the production of plastics?	A. Bacillus B. Aspergillus C. Saccharomyces D. None of these
651	Babies are born with soft bones:	A. 300 B. 256 C. 200 D. 206
652	In the structure of DNA Adenine of one nucleotide pairs with which of the nitrogenous base opposite nucleotide:	A. Guanine B. Cytosine C. Thymine D. Uracil
653	The thickness of biosphere is:	A. 02 km B. 20 km C. 50 km D. 200 km
654	The unit of Androecium is:	A. Gametes B. Pollen Grains C. Anther D. Stamens
655	Interferon was produced by genetically modified micro organisms in:	A. 1980 B. 1944 C. 1990 D. 1970
656	Genes consist of.	A. RNA B. mRNA C. Protein D. DNA
657	Sulfonamides affect bacteria in the following way:	A. Break the cell wall B. Inhibit protein synthesis C. Stop the synthesis of new cell wall D. Stop the synthesis of folic acid
658	Appendicular skeleton is composed of:	A. 120 bones B. 122 bones C. 124 bones D. 126 bones
		A. Bronchitis

659	Which disease is involved in the breakdown of air sacs of the lungs?	A. Bronchitis B. Emphysema C. Pneumonia D. Asthema
660	Bones can store:	A. Urea B. Salts C. Uric Acid D. Minerals
661	The microorganism used in the formation of Ethanol is:	A. E- coli B. Virus C. Bacillus D. Sacchryoncyces
662	Resin as waste materials, is excreted from.	A. Conifers B. Tomato C. Kikar D. Rubber
663	Adenine always pairs with:	A. thymine B. Uracil C. Cytosine D. Guanine
664	Interferons are..... Proteins.	A. Antibacterial B. Antiviral C. Antifungal D. Antidrugs
665	All these are the parts of axial skeleton of human except:	A. Ribs B. Shoulder girdle C. Sternum D. Vertebral Column
666	Nerve impulse carries from Receptors to central Nervous System:	A. Sensory Neurons B. Motor Nuerons C. Inter Neurons D. Effectors
667	Overall, the human skeleton is made of bony framework but in certain parts it is supplemented by:	A. Blood Vessels B. Bone C. Cartilage D. Nerves
668	Ripened ovary is called:	A. Sperm B. Seed C. Egg D. Fruit
669	In a nucleosome, DNA is wrapped around protein named.	A. Insulin B. Interferon C. Histone D. Haemoglobin
670	Adenine always pairs with:	A. thymine B. guanine C. cytosine D. uracil
671	How much protein is produced by 50 kg of yeast in 24 hours?	A. 100 Ton B. 150 Ton C. 200 Ton D. 250 Ton
672	After fertilization on plants, the fruit develops from:	A. Ovule wall B. Ovary wall C. Petals D. Anther
673	Biospher surrounding the earth is about:	A. 17 km B. 18 km C. 19 km D. 20 km
674	Core temperature of human body remains at about.	A. 35 ^o C B. 36 ^o C C. 34 ^o C D. 37 ^o C
675	Branch of biology that deals with the study of inheritance is called as:	A. Artificial selection B. Natural selection C. Genetics D. Histology
676	Chromatin material is made of.	A. DNA B. Protein C. RNA

		D. DNA and protein
677	Scientists prepared human insulin by inserting the insulin gene in bacteria in:	A. 1970 B. 1978 C. 1990 D. 2002
678	The percentage of oxygen from air which we inspired is:	A. 15 % B. 21% C. 25% D. 28%
679	Neurons in which direction of nerve impulses is towards brain cord are called;	A. Sensory Neurons B. Associative Neurons C. Motor Neurons D. _{Nerve impuse}
680	The part of brain responsible for muscle movement interpretation of senses and the memory is:	A. Meulla obtangata B. Cerebrum C. Cerebellum D. Pons
681	Asexual reproduction in yeast takes place through:	A. Budding B. Fragmentation C. Binary fission D. Spore formation
682	The base of food chain is always formed by:	A. Producers B. Consumers C. Decomposrs D. Heterotrophs
683	A symbolic interaction in which both partners get benefits:	A. Mutualism B. Commensalism C. Parasitism D. Predation
684	A disease involving the breakdown of air sacs of the lungs is:	A. Bronchitis B. emphysemsa C. pneumonia D. asthma
685	Medicines which induce sedation by reducing irretability and excitement are called:	A. Analgesics B. Antibiotics C. Sedative D. Vaccines
686	When the antibiotics are not effective against viral infections, then it is called.	A. Efficiency B. Efficacy C. Inefficiency D. Resistance
687	In wood seems and roots the gaseous:	A. lenticels B. epidermal cells C. somata D. micropyle
688	Amount of oxygen in expired air is:	A. 21% B. 16% C. 0.04% D. 4%
689	The hardes connective tissue of body is:	A. cartilage B. ligaments C. bone D. tendons
690	_____ carry nerve impulse away from cell body.	A. Dentriles B. Axons C. Dendrone D. Nerve fibre
691	The characteristics which appear in an organism are called.	A. Genotype B. Karyotype C. Phenotype D. Body type
692	The plant in which vegetative propagation occurs by:	A. Garlic B. Ginger C. Potato D. Bryopylium
693	Abiotic component of ecosystem is.	A. Producers B. Herbivores C. carnivore D. Oxygen
		A. Tissue culture B. Vegetation propagation

694	Cloning is latest method of :	B. Vegetation propagation C. Cutting D. Grafting
695	Vector DNA and Gene of interest, collectively called:	A. Gene B. Recombinant Gene C. Recombinant DNA D. GMO
696	By which method sponges, hydra and corals reproduce?	A. Fragmentation B. Spores C. Regeneration D. Budding
697	A community and its biotic components is known as:	A. Biosphere B. Habitat C. Ecosystem D. Food web
698	They receive information , interpret them and stimulate motor neurons:	A. Sensory Neurons B. Inter Neurons C. Motor Neurons D. Mixed Neurons
699	The type of symbiotic association in which partner gets benefits while other is neither benefited nor harmed is called.	A. Commensalism B. Mutualism C. Parasitism D. Predation
700	Pathogens contain special proteins called.	A. Antigens B. Antibodies C. Antibiotics D. Antiseptics
701	The correct match for the fermentation product and organism involved is.	A. Formic Acid - Saccharomyces B. Ethanol- Saccharomyces C. Ethanol-Aspergillus D. Glycerol-Aspergillus
702	Urine contains the least amount of.	A. Urea B. Sodium Ions C. Water D. Potassium Ion
703	Digitalis obtained from the leaf of plant.	A. "Datura B. Foxglove C. Cannabis D. Cactus
704	Allows movement in all directions :	A. Hinge joints B. Ball and socket joints C. Joints among skull bones D. Slightly moveable joints
705	The length of trachea is:	A. 10 cm B. 12 cm C. 22 cm D. 20 cm
706	In the cross-pollination between a true-breeding yellow pod plant and a true-breeding green pod plant, where green pod colour is dominant, the resulting offspring will be.	A. 1/4 green , 3/4 yellow B. All yellow C. 1/4 yellow, 3/4 green D. All green
707	Genetics is the branch of biology in which we study:	A. Functions B. Fossils C. Inheritance D. Evolution
708	The example of fixed joints is:	A. joints between skull bones B. joints between vertebrae C. shoulder joints D. knee joints
709	Living of Nitrogen bacteria in the roots nodules of Leguminous plant is an example of :	A. Predation B. Parasitism C. Mutualism D. Commensalism
710	An example of Rhizome is:	A. Onion B. Garlic C. Ginger D. Potato
711	Ibn- al- Haytham is famous for his book.	A. Chemistry B. Optics C. Biology D. Coordination

712	The drugs morphin used ato reduce the pain synthesised from:	A. Leaves of Foxglove B. Opium C. Liver of fish D. Fungi
713	Which of these addictive drugs are also used as painkillers?	A. Narcotics B. Sedatives C. Hallucinogens D. All can be used
714	Dominant alleles are represented by _____ letter and recessive alleles by _____ letter.	A. Capital lowercase B. Lowercase, capital C. Lower case, lowercase D. Capital, capital
715	Which neurons are present inside the central nervous system?	A. Sensory neurons only B. Motor neurons only C. Sensory and motor neurons both D. Interneurons only
716	DNA wraps around histone protein and forms-rounded structures called as	A. <p class="MsoNormal">Nucleosomes</p> <p>Ribosomes</p> <p>Lysosomes</p> <p>mRNA</p>
717	What is true about vaccines?	A. protect against the future viral and bacterial infections B. Treat the existing bacterial infections only C. Treat existing infections and also protect against infections D. Protect against viral infection only
718	It is change in characteristics of a population or species of organisms over the course of generations:	A. Replication B. Transcription C. Evolution D. Translation
719	The number of dug addicts in Pakistan's currently to be about:	A. 200000 B. 300000 C. 400000 D. 500000
720	Pair of skeletal muscles are called.	A. Extensor B. Flexor C. Antagonistis D. None of these
721	The treatment through genes is called:	A. Gene Therapy B. Chemo Therapy C. Radio Therapy D. Physio Therapy
722	Adaptions found in plants to keep the balance of carbon dioxide and oxygen are:	A. photosynthesis B. stomata C. transpiration D. all to these
723	Which gas us absorbed through stomata of plant during night?	A. Carbon dioxide B. Oxygen C. Nitrogen D. Hydrogen
724	Nucleus and cytoplasm of neurons located in:	A. Cell body B. Dendrites C. Axons D. Myelin Sheath
725	Which one of the following is not an example of fossil fuels?	A. <p class="MsoNormal">Plants</p> <p>Peat</p> <p>Coal</p> <p>Natural gas</p>
726	Double fertilization in plants means:	A. Fusion of two sperm with two egg cells. B. Fusion of one sperm with egg cell and other sperm with fusion nucleus C. Fusion of two sperm with single egg cell D. Fusion of tube nucleus with fusion nucleus and sperm egg cell
		A. stimulus→ receptors→ coordinator→ response→ effector B. receptor→ effector→ stimulus→

727	The sequence of components of a coordinate action is:	receptor→ response C. effector→ response→ stimulus→ effector→ receptor D. stimulus→ receptor→ co- ordinator→ effector → response
728	Organisms in the ecosystem that are responsible for the recycling of plant and animal wastes are:	A. Consumers B. Producers C. Decomposer D. Competitors
729	The medicine reduces the pain:	A. Aspirin B. Quinine C. Chloroquinne D. Resochin
730	It is an example of primary consumers.	A. Cattles B. Snake C. Lion D. Tiger
731	Pisum sativum is scientific name of:	A. Onion B. Frog C. Mustard plant D. Pea plant
732	Which part of female reproductive system receives egg cells from the ovary?	A. Fallopian tube B. Uterus C. Vagina D. Collecting duct
733	Which of the following is not an example of green house gas?	A. CO ₂ B. Methane C. Oxygen D. Nitrous oxide
734	Dominant Alleles are represented by:	A. Small letters B. Capital letters C. Roman numbers D. Numerical numbers
735	conversion of the nitrogen gas into nitrates is called.	A. Denitrification B. Nitrogen fixation C. Assimilation D. Ammonification
736	The parts of the body which receive massages from coordinator and produce particular responses are called:	A. effectors B. coordinators C. neurons D. hormones
737	R-3 means.	A. Less use B. Reuse C. Recycle D. Refuse
738	An examples of carnivore plant is.	A. Rose plant B. Mosses C. Pitcher plant D. Ferns
739	Natural vegetation propagation in Garlic is by:	A. Bulbs B. Corms C. Rhizomes D. Stem tubers
740	Number of Ribs in man are:	A. 10 pairs B. 12 pairs C. 20 Pairs D. 22 pairs
741	The hormone which increase the rate of reabsorption of water form nephorn is:	A. glucagon B. insulin C. vesoporeession D. epineophrine
742	The group includes mescaline and psilocin:	A. Sedatives B. Narcotics C. Hallucinogens D. Vaccines
743	Which of the following drugs is obtained from plants?	A. Aspirin B. Opium C. Cephalosporin D. Insulin
744	Expired drugs cause damage to:	A. Heart B. Lungs C. Kidneys D. Stomach

		D. Stomach
745	The method's of administering vaccines is/are:	A. Injection B. Mouth C. Nasal spray D. All of these
746	In biotechnology, the production of a product by the mass culture of microorganisms is called:	A. Fermentation B. Mutation C. Fermentor D. Fertilization
747	The process of gaseous exchange involves.	A. Break down of C-H bonds to yield energy. B. Physical movements that take air in and out of body C. Getting oxygen from the air and removing carbon dioxide D. Transport of oxygen by the blood to different parts of the body.
748	The specific combination of genes in an individual is called.	A. Phenotype B. Genotype C. Karyotype D. Phenotype
749	Which one is the antiviral protein among the following.	A. Urokinase B. Tymosin C. Insulin D. Interferon
750	Study of composition and medical application of drugs is called:	A. Mycology B. Biotechnology C. Pharmacology D. Physiology
751	Enzyme used to cut the identified gene from the total DNA of Donor organisms is.	A. Endonuclease B. Ligase C. Restriction Endonuclease D. Amylase
752	The largest part of fore brain that controls skeleton muscles thinking intelligence and emotions:	A. Thalamus B. Hypothalamus C. Cerebrum D. cerebellum
753	The substance used for the treatment cure, prevention of diagnosis of diseases are called.	A. Medicinal drugs B. Narcotics C. Hallucinogens D. Sedatives
754	Deposition of uric acid in joints is due to:	A. Osteoarthritis B. Gout C. Osteoporosis D. Rheumatoid Arthritis
755	The plants living in dry environment are	A. halophytes B. hydrophytes C. epiphytes D. xerophytes
756	Method of asexual reproduction found in Amoeba is:	A. Binary fission B. Fragmentation C. Budding D. Spore formation
757	Micro organism used for formic acid.	A. Saachromyces B. Bacillus C. Aspergillus D. Glycerol
758	The consumers that eat animal flesh as well as plants and plant products are called.	A. Herbivores B. Carnivores C. Omnivores D. Insectivores
759	_____ atom is the principal building block of many kind of biomolecules.	A. Oxygen B. Carbon C. Hydrogen D. Nitrogen
760	Which of the following is called voice box?	A. Trachea B. Larynx C. Bronchi D. Alveoli
761	Spinal cord is the continuation of:	A. Medulla Oblongata B. Frontal lobe C. Thalamus

		D. Hypothalamus
762	The typical volume of urine produced by an adult in liters per day is.	A. 2.4 B. 1.4 C. 3.2 D. 4.1
763	Sound receptor cells are present in:	A. pinna B. eardrum C. vesitbule D. cochlea
764	Mescaline is obtained from a plant:	A. Datura B. Cannabis C. Morning Glory D. Cactus
765	Alcoholic fermentation is carried out by:	A. Yeast B. Bacteria C. Virus D. Algae
766	_____ get solar energy and transform it into chemical energy by the process of photosynthesis.	A. Decomposers B. Producers C. consumers D. Predators
767	Find the correct match for the fermentation product and the organism involved.	A. Formic acid-Sacchchromyces B. Ethanol-Saccharomyces C. Ethanol-Aspergillus D. Glycerol-Asperilus
768	A corn develops into new garlic plant this is the process of :	A. Vegetative propagation B. Regeneration C. Meiosis D. Gametogenesis
769	The function of male and female gametes is called:	A. fertilization B. pollination C. propagation D. reproduction
770	Organisms in the ecosystem that are responisble for recycling of plant and animal wastes are:	A. Producers B. Consumers C. Decomposers D. Compititors
771	How many pairs of homologous chromosomes are present in human body cells:	A. 22 B. 23 C. 24 D. 25
772	Pharmacology was developed in:	A. 17th century B. 18th Century C. 19th Century D. 20th Century
773	Ectoparasite is:	A. Ascaris B. Amoeba C. Plasmodium D. Leech
774	Find the correct match for the fermentation product and the organism involved:	A. formic acid -Aspergillus B. ethanol -Bacillus C. Glycerol - Aspergillus D. Glycerol -Bacillus
775	The treatment through genes is called.	A. Gene therapy B. Chemo therapy C. Radio therapy D. Physio therapy
776	Which of the following is the abiotic part of ecosystems?	A. Grass B. Goat C. Lion D. Soil
777	Formation of Nitriates and nit5rates from ammonia is called.	A. Nitrification B. Ammonification C. Denitrification D. Assimilation
778	A coordinated action has components:	A. 3 B. 4 C. 5 D. 6
		A. All the bones in body B. All the muscles and tendons

779	How would you define skeletal system.	C. all the body's organs, both soft and hard tissues. D. All the bones in body and the tissues that connect them
780	The role of antiseptics is:	A. Destroy micro organisms B. Kill bacteria C. Inhibit bacteria D. Reduce infections
781	The sensory layer of eye is:	A. Cornea B. Iris C. Selera D. Retina
782	When the complete map of human genome was published.	A. 2002 B. 2001 C. 2005 D. 1902
783	Normal pH of blood is maintained at.	A. 7.35 -7.40 B. 7.35-7.45 C. 7.30-7.40 D. 7.30-7.45
784	In biotechnology, the production of a product by the mass culture of microorganisms is called.	A. Fermentation B. Mutation C. Fermenter D. Fertilization
785	Which of these germinate by epigeal germination?	A. Pea B. Maize C. Beans D. Coconut
786	The uncontrolled cell divisions in lungs tissue is called:	A. bronchitis B. emphysema C. cancer D. Asthma
787	The method used for the cultivation of sugar cane is:	A. Cutting B. Grafting C. Layering D. Spores
788	A group of organisms of same species living in a particular area is called.	A. Population B. Coummunity C. Abiotic factor D. Ecology
789	Edward Jennar introduced vaccine of which disease?	A. Smallpox B. AIDS C. Hepatitis D. Malaria
790	The function of kidneys is;	A. urine formation B. food transport C. absorption of food D. removal of oxygen
791	It is a situation where two different alleles of gene pair express themselves completely, instead of showing a dominant recessive relationship is called.	A. Incomplete dominance. B. Co-dominatic C. Complete dominatnce D. None of these
792	Mendel's primary contribution to our understanding of inheritance was:	A. The idea that genes are found on chromosomes B. Explanation of the patterns of inheritance C. The discovery of alleles D. Determining that informations contained in DNA are for protein synthesis.
793	The nervous system consists of billions of neurons and:	A. Harmones B. Nephrons C. Neuroglial calls D. Receptors.
794	Which organ filter the blood.	A. Intestine B. Kidney C. Stomach D. Brain
795	Aspirin belongs to the group of.	A. Derived from Animals B. Derived from plants. C. Synthetic Drugs D. Derived from bacteria.

796	Sedation thinking can develop by using for a long time.	A. Sedatives B. Morphine C. Antibiotics D. Merijuana
797	The materials flow from one trophic level to the next by means of:	A. Food chains B. Food web C. Both a & b D. None of these
798	This is not a part of hindbrain:	A. Celebelium B. Cerebrum C. Medulla oblangata D. Pons
799	Babies are born with soft bones:	A. 300 B. 256 C. 200 D. 206
800	Which method of propagation is also called micro-propagation?	A. Cuttings B. Tissue culture C. Grafting D. Suckers
801	The enzyme which is used to cut the gene of interest is.	A. Endonuclease B. Ligase C. Amylase D. Lipase
802	In retina the photosensitive cells are:	A. rods B. cones C. neurons D. both A and B
803	Pollination is the transfer of pollens from:	A. Anther to sigma B. Stigma to anther C. Sepal to petal D. Petal to sepal
804	_____ is the smallest bone in our body.	A. Thigh B. Vertebrae C. Ankle D. Knee-cap
805	Identify the correctly matched pair.	A. Rainfall-biotic factor in Ecosystem B. Corn-secondary consumers C. Global warming fossil fuel forming D. Renewable natural resource air
806	This product is used in the production of soap.	A. Glycerol B. Formic Acid C. Sulphuric Acid D. Acrylic
807	Ali Ibn-e-Isa book on study of disease and surgery of eye is:	A. Biology B. Botany C. Opthmology D. Zoology
808	The gas produced in mesophyll cells as by product during day time is called.	A. Oxygen B. Carbon dioxide C. Nitrogen D. Chlorine
809	During nitrogen fixation nitrogen is converted into:	A. Nitrates B. nitrates C. ammonia D. all to these
810	Which diisease is caused by Streptococcus pneumoniae:	A. Bronchites B. Emphysema C. Pneumonia D. Asthema
811	The simple and most common way of asexual reproduction in bacteria:	A. Binary fission B. Multiple fission C. Regeneration D. Budding
812	Length of spinal cord is:	A. 10 cm B. 20 cm C. 30 cm D. 40 cm
813	James Watson and Francis Crick proposed the structure of DNA in.	A. 1953 B. 1963 C. 1933

		D. 1922
814	To Preserve fruits, vegetables and pickles we add.	A. Water and Yogurt B. Salt and acid C. Flour and salt D. Onion and garlic
815	Example of hinge joints is:	A. Elbow joint B. Hip joint C. Shoulder joint D. Joints between the vertebrae
816	Each trait studied in pea plant had ____ distinct form.	A. 1 B. 2 C. 3 D. 4
817	The specific combination of genes in an individual is called:	A. Phenotype B. Genotype C. Karyotype D. Gepotype
818	it is example of secondary consumer.	A. Cattle B. Snake C. Lion D. Frog
819	A thick muscular layer beneath lungs is called:	A. Kidney B. Diaphragm C. Bladder D. Ureter
820	During lithotripsy stone is removed by.	A. Surgery B. Medicines C. Electrical Shock waves D. Non-Electrical shock waves
821	In which of the following disease, the patient has usually lost 50% to 70% of his/her lung tissue when symptoms appears?	A. Pneumonia B. Asthma C. Emphysema D. Bronchitis
822	The utilization of nitrates by organisms is called.	A. Nitrification B. Ammonification C. Assimilation D. Denitrification
823	Which type of asexual reproduction found in hydra and corals?	A. Fragmentation B. Spore formation C. Budding D. Regeneration
824	Resins are removed by plants:	A. Conifers B. Lady finger C. Grasses D. Keekar
825	Charles Darwin published a book "on the origin of species by means of Natural Selection" in:	A. 1858 B. 1859 C. 1889 D. 1890
826	The producers of ecosystem are:	A. fungi B. bacteria C. green plants D. man
827	Psilocin is obtained from.	A. Cactus B. Mushroom C. Cannabis sativa D. Cannabis indica
828	Digitalis obtained from the leaf of _____ plant:	A. Datura B. Foxglove C. Cannabis D. Calculus
829	In the food chain "grass.....rabbit..... fox.....bear.....mushroom", how many types of decomposers are present?"	A. 1 B. 2 C. 3 D. 4
830	In our body skeleton works very closely with the _____ system.	A. Muscular B. Nervous C. Endocrine D. All of these
		A. E-Coli B. Virus

831	The microorganism used in the formation of Ethanol is.	B. virus C. Bacillus D. Sacchromyces
832	There are how many pairs of homologous chromosomes in human body cell?	A. 22 B. 23 C. 40 D. 46
833	Water lily is example of.	A. Halophytes B. Hydrophytes C. Xerophytes D. Mesophyte
834	All populations collectively are called.	A. Species B. Blome C. Community D. Ecosystem
835	Chromatin material is made of:	A. DNA B. Protein C. RNA D. DNA and Protein
836	First step in Genetic Enginnering is:	A. Isolation of gene of interest B. Insertionof gene into a vector C. Transfer of recombinent DNA into host D. Growth of the GMO
837	Inherited characters are called:	A. Genes B. Traits C. Genetics D. Fertilization
838	Play role is maintaning body temperature.	A. Lungs B. Skin C. kidneys D. Ear
839	The lens found in human eye is:	A. Concave B. Convex C. Both a and b D. None of these
840	The glottis is guarded by a flap of tissue called:	A. Trachia B. Glottis C. Bronchi D. Epiglottis
841	The substance used for the treatment, cure, prevention or diagnosis of disease are called.	A. Medicinal drugs. B. Narcotics C. Hallucinogens D. Sedatives
842	Calyx is the outer most whorl of the flower and bears the colour:	A. Red B. Green C. Blue D. white
843	The male reproductive part of flower is:	A. Gynoeuim B. Androecium C. Corolla D. Calyx
844	Aspirin is categorized as:	A. A drug from animals B. A synthetic durg C. A drug form plants D. A drug from minerals
845	Every ripened ovule is called:	A. Leaves B. Flower C. Seed D. Fruit
846	The organ responsible for filtering the blood is.	A. Intestine B. Brain C. Stomach D. Kidney
847	Which organ is responsible for filtering the blood?	A. Intestine B. Brain C. Stomach D. Kidney
848	The bands of connective tissue which prevent dislocation of bones at joints are:	A. ligaments B. tendons C. cartilage D. muscles

849	A part from hearing, what other major body function is performed by the ear?	A. Hormones secretion B. Body balance C. Reduction in nerve pressure D. All of these
850	How many ureters take part in human excretory system:	A. two B. one C. three D. five
851	The gas produced in mesophyll cells as by product during day time is called.	A. Oxygen B. Carbon dioxide C. Nitrogen D. Chlorine
852	The type of symbiotic relationship in which one member gets benefit and other is harmed is called.	A. Parasitism B. Mutualism C. Commensalism D. Predation
853	Antibiotics kill or stop growth of.	A. Worms B. Viruses C. Bacteria D. Yeast
854	When we eat the onion, our trophic level is	A. Primary consumer B. Secondary consumer C. Decomposer D. Producers
855	The disorders in which there is an accumulation of uric acid in joints:	A. Gout B. Rheumatoid arthritis C. Osteoporosis D. Osteoarthritis
856	How many genetically different kinds of gametes can an individual with genotype AAbb produce?	A. 1 B. 2 C. 4 D. 9
857	Mescaline is obtained from a plant.	A. Datura B. Cannabis C. Cactus D. Morning Glory
858	Most of the gaseous exchange in a leaf occurs through:	A. Stomata B. General surface C. Cuticle D. Lenticels
859	The alternate forms of a gene are called as:	A. Genome B. Genotype C. Karyotype D. None of these
860	Find the ball-and-socket joint:	A. Joint in the finger bones. B. Joint of neck and skull bones. C. Joint at elbow D. Joint at pelvic girdle and leg bones.
861	Where the sperms of rabbit are produced?	A. Cowper's glands B. Prostate gland C. Collecting ducts D. Seminiferous tubules.
862	Paracetamol is:	A. Sedative B. Analgesic C. Antibiotic D. Vaccine
863	It is a situation where in heterozygous genotypes, both the alleles express as a blend and neither allele is dominant over the other:	A. Incomplete dominance B. Co-dominance C. Complete dominance D. None of these
864	The Allele which is not expressed is called:	A. Dominant B. Recessive C. Homozygous D. Heterozygous
865	Amount of carbon dioxide in inspired air is:	A. 16% B. 0.04% C. 4% D. None of these
866	It is an example of primary consumers:	A. Cattle B. Snake C. Lion D. Frog

867	Which of these addictive drugs are also used as painkillers?	A. Narcotics B. Sedatives C. Hallucinogens D. All can be used
868	Antibiotics are used for the;	A. Treatment of Viral infections B. Treatment of bacterial infections C. Immunization against infections D. Both "a" and "b"
869	Which of the following drugs is obtained from plants:	A. Sedative B. Analgesics C. Antibiotics D. Vaccines
870	Presents on the top of medulla is:	A. Cerebellum B. Pons C. Spinal cord D. Cerebrum
871	Budding located in :	A. Amoeba B. Planaria C. Bacteria D. Yeast
872	Sir Alexander Fleming was discovered:	A. Antibiotics B. Analgesic C. Penicillin D. Antiseptics
873	The drug which is obtained from animals is.	A. Morphine B. Aspirin C. Antitoxins D. Tincture of iodine
874	It is a Hallucinogen:	A. Marijuana B. Aspirin C. Morphine D. Codeine
875	Hallucinogens affect on the :	A. Sympathetic Nervous System B. Central Nervous System C. Spinal cord D. Hypothalamus
876	Pink flowered four o'clock plant is an example of:	A. Incomplete dominance B. Co-dominance C. Complete dominance D. None of these
877	It coordinates muscle movements:	A. Thalamus B. Hypothalamus C. Cerebrum D. Cerebellum
878	It is a homozygous genotype:	A. AA B. aa C. Aa D. both A and B
879	Glucagon is secreted by _____ gland.	A. Exocrine B. Endocrine C. Both a and b D. None of these
880	Which organism is used in fermentation for the preparation of glycerol.	A. Aspergillus B. Saccharomyces C. Bacillus D. Streptococcus
881	E. Coli bacterium was made in:	A. 1970 A.D B. 1977 A.D C. 1975 A.D D. 1980 A.D
882	The organisms expressed physical trait such as seed colour or pod shape is called:	A. Genotype B. Phenotype C. Karyotype D. Bodytype
883	The largest part of the fore brain is:	A. Hypothalamus B. Thalamus C. Cerebellum D. Cerebrum
884	Which plant is not found in the form of underground bulb?	A. Garlic B. Tulip C. Onion

		C. Orion D. Lily
885	Example of discontinuous variation is:	A. Blood group B. Height in Man C. Intelligence D. None of these
886	Point out the FALSE statement about respiration.	A. Gases can easily pass through the walls of the alveoli B. Gas exchange in lungs is very efficient because lungs provide large surface area C. In emphysema, the walls of alveoli break and there is more surface area. D. Dust particles can damage the lung by irritating the inner alveoli surface.
887	Reduce the possibility of infection on skin.	A. Disinfectants B. Antibiotics C. Antiseptics D. Digitalis
888	The drug used to reduce pain are known as;	A. Analgesics B. Antiseptics C. Antibiotics D. Sedatives
889	The process in which there is incomplete oxidation reduction of glucose :	A. Photosynthesis B. Circulation C. Fermentation D. Transpiration
890	When was the work on Genetic Engineering started?	A. 1930 B. 1940 C. 1944 D. 1970
891	Drugs interect with Central Nervous System to depress its activities belong to the group of drugs called:	A. Sedatives B. Narcotics C. Anagesics D. Vaccines
892	Method of asexual reproduction in hydra is:	A. binary fission B. Budding C. Fragmentation D. Parthengensis
893	Inflammation of membrane at joints is called.	A. Osteoarthritis B. Rheumatoid arthritis C. Arthritis D. Gout