

Subject Code	Q Id	Questions	Answer Key
615	1951	Wildlife protection Act in India was enacted in (A) 1962 (B) 1972 (C) 1982 (D) 1986	(B)
615	1952	<i>Naja naja</i> is the scientific name for (A) King cobra (B) Indian cobra (C) Russel viper (D) Saw scaled viper	(B)
615	1953	SPCA stands for (A) Society for Promoting Cultural Activities (B) Society for Preventing of Cruelty of Animals (C) Society for Prevention of Catching of Animals (D) Society for Protection of Caged Animals	(B)
615	1954	Carotene in Indian cow's milk causes (A) creamish white colour (B) yellow colour (C) Light orange colour (D) No change	(B)
615	1955	Foot and Mouth disease is found in (A) Cats and dogs (B) cattle (C) Poultry (D) humans	(B)
615	1956	Which one of the following is a primate? (A) Bear (B) Otter (C) Loris (D) Pangolin	(C)
615	1957	Insect respire using (A) Skin (B) gills (C) Lungs	(D)

		(D) trachea	
615	1958	Which chamber of human heart pumps fully oxygenated blood to aorta and to other parts of the body? (A) Right auricle (B) Left auricle (C) Right ventricle (D) Left ventricle	(D)
615	1959	Which of the following is a vitamin? (A) citric acetate (B) folic acid (C) glutamic acid (D) linoleic acid	(B)
615	1960	Which of the following disease is inheritable? (A) leukaemia (B) colourblindness (C) malignancy (D) hepatitis	(B)
615	1961	Systematic and scientific study of behavior of animals including human is called (A) chronobiology (B) Biogeography (C) ethology (D) ethnography	(C)
615	1962	The various steps in the food chain at which transfer of food takes place is called (A) trophic plus (B) trophic level (C) food web (D) biomagnification	(B)
615	1963	A junction zone between two or more diverse communities is known as (A) niche (B) ecotone (C) habitat (D) biome	(B)
615	1964	Honeybee workers signal about the distance and direction of food source by means of the (A) round dance (B) waggle dance (C) tremble dance (D) All of the above	(B)

615	1965	The dominant male in group of monkey is called the (A) alpha male (B) beta male (C) gamma male (D) delta male	(A)
615	1966	The cavity inside the blastula is called the (A) gastrula (B) blastocoel (C) animal pore (D) blastomere	(B)
615	1967	EEG is related to (A) brain (B) eyes (C) nose (D) heart	(A)
615	1968	The larvae of balanoglossus (A) planule (B) trochophore (C) tornaria (D) veliger	(C)
615	1969	Malaria is transmitted through (A) female culex mosquito (B) female anopheles mosquito (C) female aedes mosquito (D) None of the above	(B)
615	1970	Mention the class of echinococcus (A) cestoda (B) trematoda (C) turbularia (D) nematode	(A)
615	1971	Pick out the endemic mammal in the Western Ghats (A) Toddy Cat (B) Tiger (C) Nilgiri Languar (D) Otter	(C)
615	1972	The head quarters of International Union of Conservation of Nature and natural resources (IUCN) is in (A) Washigton D.C.	(B)

		(B) Switzerland (C) Vienna (D) London	
615	1973	Name the author of Systema Naturae (A) Dickens (B) T.H.Morghan (C) Carl Linnaeus (D) Francis Crick	(C)
615	1974	Which of the following is known as Venus flower basket? (A) Cliona (B) Euplectella (C) Sycon (D) Leucosolenia	(B)
615	1975	The connecting link between annelids and arthropods is (A) Nereis (B) Belostoma (C) Peripatus (D) veliger	(C)
615	1976	Name of the phylum to which 'Arrow worms' belong to (A) Rotifera (B) Hemichordata (C) Chaetognatha (D) Annelida	(C)
615	1977	The function of contractile vacuole (A) Nutrition (B) Reproduction (C) Osmoregulation (D) Locomotion	(C)
615	1978	Fluid mosaic model of cell membrane was proposed by (A) Danielli and Davson (B) Singer and Nicholson (C) Schleidan and Schwann (D) Messelson and Stahl	(B)
615	1979	Which among the following is a genetic disease? (A) Sickle cell anaemia (B) Goiter (C) Dwarfism (D) Tetany	(A)

615	1980	DNA synthesis occurs during (A) G2 phase (B) G1 phase (C) S phase (D) M phase	(C)
615	1981	Terrestrial ecological unit spread over a large geographic area is called (A) Forest (B) Desert (C) Biome (D) Tundra	(C)
615	1982	World environment day is celebrated on (A) 22nd March (B) 5th June (C) 1st December (D) 16th September	(B)
615	1983	Study of freshwater habitat is (A) Lithology (B) Hydrology (C) Pedology (D) Limnology	(D)
615	1984	Red Data Book is published by (A) IUCN (B) WHO (C) UNEP (D) UNESCO	(A)
615	1985	Mammals originated during (A) Cenozoic era (B) Paleozoic era (C) Archaeozoic era (D) None of the above	(A)
615	1986	Carbon dating method was developed by (A) Willard Libby (B) Bolt Wood (C) Simpson (D) Mayer	(A)
615	1987	The cholesterol molecule is (A) Aromatic ring	(D)

		<p>(B) A straight chain acid</p> <p>(C) Tocopherol</p> <p>(D) A steroid</p>	
615	1988	<p>The smallest bone in the human body</p> <p>(A) finger bone</p> <p>(B) stirrup bone</p> <p>(C) backbone</p> <p>(D) feet bone</p>	(B)
615	1989	<p>Microlecithal egg is the egg of</p> <p>(A) Frog</p> <p>(B) Bird</p> <p>(C) Insect</p> <p>(D) Amphioxus</p>	(D)
615	1990	<p>Amphimixis is</p> <p>(A) Fusion of gametes</p> <p>(B) Cytogamy</p> <p>(C) Syngamy</p> <p>(D) Karyogamy</p>	(A)
615	1991	<p>Ontogeny</p> <p>(A) Morphogenesis</p> <p>(B) recapitulation</p> <p>(C) Parthenogenesis</p> <p>(D) Gametogenesis</p>	(A)
615	1992	<p>A heterocrine gland which is both exocrine and endocrine in function</p> <p>(A) liver</p> <p>(B) stomach</p> <p>(C) pancreas</p> <p>(D) intestine</p>	(C)
615	1993	<p>Albinism in humans is</p> <p>(A) Polygenic</p> <p>(B) Dominant</p> <p>(C) Recessive</p> <p>(D) None of the above</p>	(C)
615	1994	<p>Name the adulterant in turmeric powder</p> <p>(A) argemone powder</p> <p>(B) metanil yellow</p> <p>(C) talc</p> <p>(D) grit</p>	(B)

615	1995	<p>In birds</p> <p>(A) Left oviduct and right aortic arch are present</p> <p>(B) Left oviduct and left aortic arch are present</p> <p>(C) Right oviduct, left ovary and right aortic arch present</p> <p>(D) Left oviduct, left ovary and right aortic arch present</p>	(B)
615	1996	<p>The study of fungi is named as</p> <p>(A) Protozoology</p> <p>(B) Limnology</p> <p>(C) Mycology</p> <p>(D) Pharmacology</p>	(C)
615	1997	<p>The component in bacterial cellwall that forms a complex with crystalviolet stain in Gram's staining is</p> <p>(A) Peptidoglycan</p> <p>(B) Lipopolysaccharide</p> <p>(C) Phospholipid</p> <p>(D) Glucopolysaccharide</p>	(A)
615	1998	<p>Which is the virus that causes AIDS?</p> <p>(A) Rhiovirus</p> <p>(B) Enterovirus</p> <p>(C) Parvo virus</p> <p>(D) HIV</p>	(D)
615	1999	<p>Paedogenesis type of reproduction occurs in</p> <p>(A) liverfluke</p> <p>(B) sponge</p> <p>(C) bacteria</p> <p>(D) drosophilia</p>	(A)
615	2000	<p>Chikungunya is a</p> <p>(A) Bacterial disease</p> <p>(B) Viral disease</p> <p>(C) Fungal infection</p> <p>(D) None of the above</p>	(B)
615	2001	<p>Bandipur National park is in which state?</p> <p>(A) Karnataka</p> <p>(B) Tamil nadu</p> <p>(C) Kerala</p> <p>(D) None of the above</p>	(A)
615	2002	<p>The scientific name of Man is</p> <p>(A) <i>Homo habilis</i></p>	(D)

		<p>(B) <i>Homo intelligensis</i></p> <p>(C) <i>Homo erectus</i></p> <p>(D) <i>Homo sapiens</i></p>	
615	2003	<p>The largest gland in the human body</p> <p>(A) stomach</p> <p>(B) pancreas</p> <p>(C) liver</p> <p>(D) lymph</p>	(C)
615	2004	<p>Mammoth is a</p> <p>(A) Non poisonous snake</p> <p>(B) Extinct mammal</p> <p>(C) Egg laying mammal</p> <p>(D) Chondrichthyes</p>	(B)
615	2005	<p>Functional unit of kidney</p> <p>(A) Neuron</p> <p>(B) Nephron</p> <p>(C) Hepatic cells</p> <p>(D) Nissil bodies</p>	(B)
615	2006	<p>Name the muscle protein</p> <p>(A) Myosin</p> <p>(B) Keratin</p> <p>(C) Fibrinogen</p> <p>(D) Chitin</p>	(A)
615	2007	<p>Respiratory pigment in human blood</p> <p>(A) Haemoglobin</p> <p>(B) Haemocyanin</p> <p>(C) Haemerithrin</p> <p>(D) Chlorocruorin</p>	(A)
615	2008	<p>Stiffling is the process of killing of</p> <p>(A) Cocoons</p> <p>(B) Honey bees</p> <p>(C) Fishes</p> <p>(D) Worms</p>	(A)
615	2009	<p>Cholera spreads due to</p> <p>(A) touch</p> <p>(B) water pollution</p> <p>(C) humid weather</p>	(B)



		(D) chemical pollution	
615	2010	Which of the following is a flying fish? (A) Shark (B) Exocoetus (C) Chimera (D) Latimeria	(B)
615	2011	Glycerine jelly is used as (A) mounting agent (B) clearing agent (C) dehydrating agent (D) stain	(A)
615	2012	In Gram staining, the counterstain used is (A) Crystal violet (B) Iodine (C) Safranin (D) Gentian violet	(C)
615	2013	Minamata disease' is caused by ..... Poisoning (A) Cadmium (B) Mercury (C) Arsenic (D) Antimony	(B)
615	2014	Death stiffening is called (A) rancidity (B) rigor mortis (C) spoilage (D) protein denaturation	(B)
615	2015	Half life of carbon-14 (A) 5730 years (B) 15 days (C) 80 days (D) 2.9years	(A)
615	2016	The organism which grow only at moderate temperature (200 and 450c)are called (A) Thermoduric (B) Mesophiles (C) Thermophiles (D) Psychrophiles	(B)
615	2017	The organisms which can grow either aerobically or anaerobically are called	(D)

		<p>(A) aerobes</p> <p>(B) anaerobes</p> <p>(C) obligates</p> <p>(D) facultative</p>	
615	2018	<p>Glycogen storage is in</p> <p>(A) Alveoli</p> <p>(B) Kidney</p> <p>(C) Liver</p> <p>(D) Stomach</p>	(C)
615	2019	<p>The parasite which attacks an unusual host</p> <p>(A) accidental parasite</p> <p>(B) obligate parasite</p> <p>(C) facultative parasite</p> <p>(D) aberrant parasite</p>	(A)
615	2020	<p>Elephantiasis is caused by</p> <p>(A) <i>Wuchereria bancrofti</i></p> <p>(B) <i>Brugia malayi</i></p> <p>(C) <i>Onchocera volvulus</i></p> <p>(D) <i>Mansonella perstans</i></p>	(A)
615	2021	<p>The parasite shows 'alternation of generation accompanied by 'alternation of hosts'</p> <p>(A) Plasmodium</p> <p>(B) Balantidium coli</p> <p>(C) Eimeria</p> <p>(D) Toxoplasma</p>	(A)
615	2022	<p>Whooping cough is caused by</p> <p>(A) <i>Brucella</i></p> <p>(B) <i>mycobacterium</i></p> <p>(C) <i>Haemophilus</i></p> <p>(D) <i>Bordetella</i></p>	(D)
615	2023	<p>Kreb's cycle occurs in</p> <p>(A) Cytochrome</p> <p>(B) Ribosome</p> <p>(C) Mesosome</p> <p>(D) Mitochondria</p>	(D)
615	2024	<p>An example of aromatic amino acid</p> <p>(A) Proline</p> <p>(B) Alanine</p>	(D)

		(C) Histidine (D) Phenyl alanine	
615	2025	The term cell was proposed by (A) Fabri (B) Galileo (C) Robert Hook (D) Robert Koch	(C)
615	2026	Penicillin was discovered in (A) 1921 (B) 1928 (C) 1929 (D) 1932	(C)
615	2027	Acetic acid producing micro organism is (A) <i>Acetobacter spp.</i> (B) <i>Aspergillus spp</i> (C) <i>Clostridium spp</i> (D) <i>Bacillus spp</i>	(A)
615	2028	An antifungal antibiotic (A) Pencillin (B) Streptomycin (C) Griseofulvin (D) Ampicillin	(A)
615	2029	Biogas production is associated with the bacteria called (A) <i>Methanobacterium</i> (B) <i>Lactobacillus</i> (C) <i>Aspergillus</i> (D) <i>Azetobacter</i>	(A)
615	2030	BOD indicates (A) Inorganic Pollution (B) Industrial Pollution (C) Organic Pollution (D) Chemical Pollution	(C)
615	2031	Degradation of organic waste into compost using earthworm (A) Vermi composting (B) Microbial composting (C) Natural composting (D) Worm composting	(A)

615	2032	Symmetry of jellyfish is (A) quadriradial (B) bilateral symmetry (C) radial symmetry (D) asymmetrical	(C)
615	2033	Chitin is a (A) homopolysaccharide (B) heteropolysaccharide (C) proteoglycan (D) glycoprotein	(A)
615	2034	The fungal portion in lichen is called (A) phycobiont (B) mycelium (C) Mycorrhizae (D) mycobiont	(D)
615	2035	<i>Bombyx mori</i> feeds on (A) Castor leaves (B) Mulberry leaves (C) Soma leaves (D) Oak leaves	(B)
615	2036	Name the edible mollusc (A) Dentalium (B) Perna (C) Teredo (D) Asterias	(B)
615	2037	Estrogen(estradiol) is (A) Protein hormone (B) Non steroid hormone (C) Steroid hormone (D) Enzyme	(C)
615	2038	In earth worm, clitellum is associated with (A) feeding (B) excretio (C) reproduction (D) respiration	(C)
615	2039	Which of the following have placoid scales? (A) Sardine (B) Exocoetus	(D)

		(C) Amia (D) Shark	
615	2040	Tunicata are commonly called as (A) sea animalcule (B) sea turtle (C) sea squirts (D) sea bird	(C)
615	2041	Example of cyclostomata (A) Petromyzon (B) Ascidia (C) Amphioxus (D) Narcine	(A)
615	2042	Ventral side groove in paramecium is called as (A) Peristomial groove (B) Anal groove (C) Pleural groove (D) None of the above	(A)
615	2043	In sycon the radial canals open into the spongocoel by aperture called as (A) Internal ostia (B) Dermal ostia (C) Prosopyles (D) Incurrent canals	(A)
615	2044	Blastostyles are (A) Hydrocaulus (B) Zooid which has no mouth or tentacles (C) Zooid having tentacles (D) Minute pore present in hydra	(B)
615	2045	In hydra, the mouth lies on a small prominence of (A) Oral pit (B) Hypostome (C) Mesoglea (D) Cnidocil	(B)
615	2046	Sea anemones are attached to the rocky shore with the help of (A) Cement glands (B) Broad muscular foot (C) Adhesive disc (D) Pedal disc	(D)

615	2047	Covering layer of the polyp is called as (A) Gonotheca (B) Hydrotheca (C) Coenotheca (D) Hydrocauli	(B)
615	2048	Type of circulation in <i>Fasciola hepatica</i> is (A) Open type (B) Closed type (C) Congitudinal circulatory canal (D) None of the above	(D)
615	2049	In nereis, during metamorphosis, the portion in front of the mouth becomes (A) Parapodium (B) Peristomial tentacle (C) Prostomium (D) Peristomium	(C)
615	2050	Ambulacral system present in (A) Scorpion (B) Sea - urchin (C) Pila globasa (D) Cuttle fish	(B)
615	2051	The typical larval form of class Asteroidea is (A) Ophiopluteus (B) Anricularia (C) Bipinnaria (D) Crinoid	(C)
615	2052	The intermediate host of <i>Taenia solium</i> is (A) Snail (B) Cyclops (C) Pig (D) Man	(C)
615	2053	Which of the following is not the example of air breathing arthropoda? (A) Scorpion (B) Peripatus (C) Limulus (D) Houseflies	(C)
615	2054	An example for air breathing fish (A) Periophthalmus (B) Syngnathus	(A)

		(C) Anguilla (D) Idiacanthus	
615	2055	The larva of balanoglossus (A) Planule (B) Trochophore (C) Tornaria (D) Veliger	(C)
615	2056	The heart of amphibians is (A) 2 chambered (B) 3 chambered (C) 4 chambered (D) None of the above	(B)
615	2057	A classical example for egg laying mammal is (A) Shrew (B) Moles (C) Lemurs (D) Duck billed platypus	(D)
615	2058	In mammals, the primordial germ cells originate (A) In the endoderm (B) In the ectoderm (C) From the mesoderm (D) None of the above	(A)
615	2059	The sound producing organ of birds is the (A) Larynx (B) Pharynx (C) Syrinx (D) Rexnator	(C)
615	2060	Fragile ecosystem is an example of (A) Tundra biome (B) Alpine biome (C) Forest biome (D) Desert biome	(A)
615	2061	The flow of energy in an ecosystem is (A) Bidirectional (B) Multidirectional (C) Unidirectional (D) None of the above	(C)

615	2062	The enzyme that helps in digestion of starch is (A) Lipase (B) Ptyalin (C) Aldolase (D) Catalase	(B)
615	2063	Acid produced from the wall of the stomach is (A) Sulphuric acid (B) Hydrochloric acid (C) Nitric acid (D) None of the above	(B)
615	2064	The heart is enclosed in a double walled thin bag called as (A) Peritoneal (B) Pericardial (C) Pericardium (D) Visceral peritoneum	(C)
615	2065	Fluid present in the cavities of brain is (A) Lymph (B) Plasma (C) Blood (D) Cerebrospinal fluid	(D)
615	2066	Layer of eye in which rods and cones are present is (A) Cornea (B) Viral disease (C) Sclera (D) Retina	(D)
615	2067	Progesterone is produced by the (A) Corpus luteum (B) Hypothalamus (C) Seminiferous tubules (D) Pituitary gland	(A)
615	2068	The best example of Echo- orientation is seen in (A) Bat (B) Cat (C) Insects (D) Snake	(A)
615	2069	The genes which mask the quantitative characters of an original gene is called as (A) Multiple genes (B) Major genes	(A)



		(C) Poly genes (D) Pseudogenes	
615	2070	Colour blindness is the inability to distinguish (A) Red and blue colour (B) Red and green colour (C) Blue and green colour (D) Black and white colour	(B)
615	2071	In a pedigree chart the male members are shown by (A) Rectangles (B) Circles (C) Triangles (D) Squares	(D)
615	2072	What did Muller use to increase the rate of mutation? (A) X-rays (B) Ionic radiation (C) Mustard gas (D) Formaldehyde	(A)
615	2073	The basic monomere used in DNA replication in (A) Glucose (B) DNA nucleotides (C) RNA nucleotides (D) Amino acids	(D)
615	2074	In patients suffering from hemophilia (A) Blood clots (B) Blood fails to clot (C) RBC increase (D) RBC decrease	(B)
615	2075	The golden age of dinosaurs was (A) Paleozoic (B) Cenozoic (C) Mesozoic (D) Proterozoic	(C)
615	2076	Lamarck's theory of inheritance of acquired characters was challenged by (A) Hugo de vries (B) Herbert spencer (C) Karl Linnaeus (D) August Weismann	(D)

615	2077	<p>Tuberculosis is caused by</p> <p>(A) Virus</p> <p>(B) Bacteria</p> <p>(C) Fungi</p> <p>(D) Protozoan</p>	(B)
615	2078	<p>Element used to form haemoglobin is</p> <p>(A) Iodine</p> <p>(B) Copper</p> <p>(C) Iron</p> <p>(D) Zinc</p>	(C)
615	2079	<p>The Protein part of the enzyme is called as</p> <p>(A) Holoenzyme</p> <p>(B) Prosthetic group</p> <p>(C) Apoenzyme</p> <p>(D) Cofactor</p>	(C)
615	2080	<p>Which of the following sugars is not a reducing sugar?</p> <p>(A) Glucose</p> <p>(B) Fructose</p> <p>(C) Sucrose</p> <p>(D) Galactose</p>	(C)
615	2081	<p>Hormones may be considered as</p> <p>(A) Transporters</p> <p>(B) Chemical messengers</p> <p>(C) Both (A) and (B)</p> <p>(D) None of the above</p>	(C)
615	2082	<p>The process of internal nuclear reorganization is called as</p> <p>(A) Endogamy</p> <p>(B) Conjugants</p> <p>(C) Endomixis</p> <p>(D) Recombination</p>	(C)
615	2083	<p>The cell's "garbage disposals" are the organelles called as</p> <p>(A) Peroxisomes</p> <p>(B) Ribosomes</p> <p>(C) Episomes</p> <p>(D) Lysosomes</p>	(D)
615	2084	<p>As mitosis begins, the structure in the nucleus that disappears is the</p> <p>(A) Spindle</p> <p>(B) Nucleolus</p>	(B)

		(C) Chromatid (D) Centromere	
615	2085	In particular class the allantois is not excretory in function (A) Amphibian (B) Placoderm (C) Mammals (D) Chondrichthyes	(C)
615	2086	Egg of Amphioxus is (A) Microlecithal (B) Macrolecithal (C) Telolecithal (D) Polylecithal	(A)
615	2087	The cell organelle that develops into acrosome of sperm is (A) Mitochondria (B) Golgi complex (C) Ribosomes (D) Lysosomes	(B)
615	2088	Human placenta is (A) Cotyledonary (B) Endotheliochorial (C) Epitheliochorial (D) Hemoendothelial	(D)
615	2089	Endocrine gland that functions during emergency situation is (A) Glucocorticoids (B) Aldosterone (C) Adreno corticotrophic (D) Adrenalin and non adrenalin	(D)
615	2090	Pheromones are called as (A) Sex hormones (B) Social hormones (C) Steroid hormones (D) Peptide hormones	(B)
615	2091	Bile production by liver is stimulated by the hormone (A) Secretin (B) Gastrin (C) Enterocrinin (D) Enterogastrone	(A)

615	2092	<p>What is the major chemical component of an insect's exoskeleton?</p> <p>(A) Protein</p> <p>(B) Lipid</p> <p>(C) Chitin</p> <p>(D) Cellulose</p>	(C)
615	2093	<p>Nymph is the young one of</p> <p>(A) Cockroach</p> <p>(B) Bugs</p> <p>(C) Mosquito</p> <p>(D) Both (A) and (B)</p>	(D)
615	2094	<p>Insect blood does not</p> <p>(A) Clot</p> <p>(B) Contain antibodies</p> <p>(C) Flow through the wings</p> <p>(D) Transport hormones</p>	(B)
615	2095	<p>Which insects do not belong to the order Hymenoptera?</p> <p>(A) Termites</p> <p>(B) Honey bees</p> <p>(C) Sawflies</p> <p>(D) Fire ants</p>	(A)
615	2096	<p>Which gland is used for induced breeding?</p> <p>(A) Pituitary</p> <p>(B) Parathyroid</p> <p>(C) Adrenal</p> <p>(D) Thyroid</p>	(A)
615	2097	<p>Cold water fisheries in India was first attempted in</p> <p>(A) Delhi</p> <p>(B) Kashmir</p> <p>(C) Ooty</p> <p>(D) Kerala</p>	(C)
615	2098	<p>Monosex culture is practiced in the culture of</p> <p>(A) Catla</p> <p>(B) Silver carp</p> <p>(C) Tilapia</p> <p>(D) Mullet</p>	(C)
615	2099	<p>Cryopreservation techniques is mostly useful for</p> <p>(A) Fertility</p> <p>(B) Infertility</p>	(C)

		(C) Sperm bank (D) Egg bank	
615	2100	The animal that is now facing extinction in India is (A) Blue bull (B) Mouse deer (C) Indian bustard (D) Sloth bear	(C)