



**Gujarat Biotechnology Research Centre  
Technical Assistant (Group-III) - Mains**

**Question Paper**

**Exam Date : 23 April 2023**

**Time: 02:30 pm to 04:30 pm**

1	_____ is a product of aerobic respiration				B
	A	Malic acid	B	Pyruvate	
	C	Ethylene	D	None of the above	
2	The term cell was first given by				D
	A	Schwann	B	Schleiden	
	C	Swanson	D	Robert Hooke	
3	Lysosomes are known as "suicidal bags" because				A
	A	Hydrolytic activity	B	Catalytic activity	
	C	Presence of food vacuole	D	Parasitic activity	
4	Chloroplast is found in				A
	A	Plant cells	B	Animal cells	
	C	Both A & B	D	None of the above	
5	The basic functional unit of a human kidney is known as				C
	A	Pyramid	B	Respiration	
	C	Nephron	D	Nephridia	
6	The first successful animal was done in				A
	A	Sheep	B	Human	
	C	Horse	D	Cow	
7	The plasma membrane does not have				D
	A	Energy generation	B	Cell signaling	
	C	Response to the environmental changes	D	Chromosome segregation	
8	Division of the Cytoplasm is known as the				B
	A	Mitosis	B	Cytokinesis	
	C	Synapsis	D	None of the above	
9	Which of the following is the best stage of cell division to determine the size, shape and number of chromosomes?				B
	A	Prophase	B	Metaphase	
	C	Telophase	D	G0 Phase	
10	Which of the following is not ionizing radiations				B
	A	X-Rays	B	UV-Rays	
	C	Both A & B	D	None of the above	
11	Which of the following is the final electron acceptor of the lactic acid fermentation:				D
	A	Lactic acid	B	Oxygen	
	C	Hydrogen	D	Pyruvate	
12	Fermentation process takes place in the				B
	A	Presence of oxygen	B	Absence of oxygen	
	C	Presence of hydrogen	D	Absence of hydrogen	
13	Which of the following is used to produce biogas from biomass?				B



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	A	Aerobic treatment	B	Anaerobic treatment	
	C	Fermentation	D	Pyrolysis	
14	Cancerous cells are more easily damaged by radiation than normal cells as they				<b>A</b>
	A	Rapid cell division	B	Slow cell division	
	C	Larger in size	D	Smaller in size	
15	Which of the following is an anoxygenic photosynthetic organism?				<b>C</b>
	A	Plants	B	Cyanobacteria	
	C	Green and Purple photosynthetic organism	D	E.coli	
16	Photosynthesis occurs in				<b>C</b>
	A	Golgi body	B	Nucleus	
	C	Chloroplast	D	Mitochondria	
17	Class of carbohydrate which cannot be hydrolyzed further, is known as?				<b>B</b>
	A	Polysaccharides	B	Monosaccharide	
	C	Oligosaccharides	D	Both A & B	
18	Which of the following is known as invert sugar?				<b>D</b>
	A	Glucose	B	Fructose	
	C	Starch	D	Sucrose	
19	Genes that show tendency to be inherited together is known as _____				<b>B</b>
	A	Homologous group	B	Linkage group	
	C	Conjugation	D	None of these	
20	viruses that affect bacteria known as?				<b>C</b>
	A	Virus	B	Jumbo phage	
	C	Bacteriophage	D	Virophage	
21	DNA replication is _____				<b>A</b>
	A	semi-conservative	B	conservative	
	C	non-conservative	D	disruptive	
22	Who is known as the "Father of Genetics"?				<b>B</b>
	A	Morgan	B	Mendel	
	C	Watson	D	None of the above	
23	Alleles are				<b>A</b>
	A	Alternate forms of genes	B	Homologous chromosomes	
	C	Both A & B	D	None of the above	
24	Formation of organic nitrogen compounds like amino acids from inorganic nitrogen compounds is known as				<b>B</b>
	A	Nitrification	B	Nitrogen assimilation	
	C	Nitrogen fixation	D	Both A & C	



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25	Which among the following is nitrogen fixer				A
	A	Nostoc	B	E. coli	
	C	Paramecium	D	Bacillus	
26	Which of the following is the most abundant biomolecule on the earth?				B
	A	Lipids	B	Carbohydrates	
	C	Proteins	D	Nucleic acids.	
27	The reaction center in the light-harvesting complex is formed by _____				A
	A	A single chlorophyll a molecule	B	chlorophyll b	
	C	Carotenoids	D	None of the above	
28	Electron transport system (ETS) is present in _____ of the following parts of mitochondria?				A
	A	Inner membrane	B	Matrix	
	C	Outer membrane	D	None of the above	
29	cyclic photophosphorylation only produced				C
	A	ADP	B	NADPH	
	C	ATP	D	NADP	
30	The process by which the pH gradient across the membrane provides energy for the synthesis of ATP is called as _____				B
	A	Phosphorylation	B	Chemiosmosis	
	C	Diffusion	D	Transport	
31	What is the full form of NAD+?				B
	A	Nucleotide adenine diamide	B	Nicotinamide adrenaline dinucleotide	
	C	Nicotinamide adenine dinucleotide	D	None of the above	
32	Lipids are _____ in water				D
	A	Soluble	B	Partially soluble	
	C	Partially insoluble	D	Insoluble	
33	The melting point of fatty acids depends upon chain length and _____				C
	A	The shape of the fatty acids	B	Charge on the carbon	
	C	Degree of unsaturation	D	The position of the double bond	
34	If a plant that has round seeds has a parent that has wrinkled seeds, what is its genotype? (Assume that round is dominant.)				A
	A	Rr	B	RR	
	C	rr	D	None of the above	



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35	What branch of biology focusses on the study of patterns of inheritance?				<b>B</b>
	A	Ecology	B	Genetics	
	C	Immunology	D	Evolution	
36	Citric acid is produced by which microorganisms ?				<b>D</b>
	A	Pseudomonas	B	Saccharomyces	
	C	Bacillus	D	Aspergillus	
37	Which of the following organisms is used in alcoholic fermentation?				<b>B</b>
	A	Pseudomonas	B	Saccharomyces	
	C	Bacillus	D	Aspergillus	
38	World environment day is celebrated on				<b>C</b>
	A	5 July	B	5 January	
	C	5 June	D	15 August	
39	A wide variety of living organisms is called:				<b>B</b>
	A	Population	B	Biodiversity	
	C	Habitat	D	Diversity	
40	When DNA polymerase is in contact with guanine in the parental strand, what does it add to the growing daughter strand?				<b>A</b>
	A	Cytosine	B	Uracil	
	C	Guanine	D	None of the above	
41	Telomeres are usually rich in which nucleotide?				<b>C</b>
	A	Cytosine	B	Uracil	
	C	Guanine	D	None of the above	
42	Messelsen and Stahl model of replication was called				<b>B</b>
	A	conservative replication	B	semi-conservative replication	
	C	dispersive replication	D	All of the above	
43	What is the range of melting point temperatures (T <sub>m</sub> ) for most DNA molecules?				<b>D</b>
	A	50 to 60°C	B	60 to 80°C	
	C	70 to 90°C	D	80 to 100°C	
44	A cesium chloride will separate DNA molecules by				<b>C</b>
	A	absorption	B	resorption	
	C	density	D	adhesion	
45	If one cell has AT contents 40%, what will be the percentage of Guanine residue?				<b>A</b>
	A	30 %	B	60 %	
	C	15 %	D	7.5 %	
46	Which of the following enzyme adds complementary bases during replication?				<b>C</b>



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	A	Helicase	B	Synthesase	
	C	DNA Polymerase	D	Replicase	
47	Enzymes involved in opening a replication bubble are				
	A	DNA helicases	B	DNA topoisomerase	<b>B</b>
	C	single stranded binding proteins	D	ligase	
48	What is the effect of UV radiation on DNA ?				
	A	Depurination	B	Formation of thymine dimers	<b>B</b>
	C	Single strand break	D	Dehydration	
49	The study of marine microorganisms is known as				
	A	Marine Microbiology	B	Microbiology	<b>A</b>
	C	Bacteriology	D	All of the above	
50	The process of formation of RNA from DNA is known as				
	A	Replication	B	Transcription	<b>B</b>
	C	Translation	D	All of the above	
51	Who discovered RNA polymerase?				
	A	Samuel B. Weiss	B	Nirenberg	<b>A</b>
	C	Watson and Crick	D	Darwin	
52	Sigma factor in transcription involved in				
	A	Transcription initiation	B	Transcription elongation	<b>A</b>
	C	Transcription termination	D	All of the above	
53	What is a promoter?				
	A	A specific sequence of DNA to which a catabolic repressor binds	B	A specific sequence of DNA to which RNA polymerase binds	<b>B</b>
	C	A specific DNA sequence to which a restriction endonuclease binds	D	None of the above	
54	In both eukaryotes and prokaryotes, a promoter region that is rich in AT bases is called as				
	A	CATT	B	Shine Dalgarno region	<b>C</b>
	C	TATA box	D	SV40 region	
55	In a eukaryotic cell, DNA can be found?				
	A	Nucleus	B	Mitochondrion	<b>D</b>
	C	Vacuole	D	Both (a) and (b)	
56	Lymphocytes are activated by antigen in the				
	A	blood stream	B	bone marrow	<b>D</b>
	C	liver	D	lymph nodes	
57	A pathogen can be a				
	A	agent that causes a disease	B	virus	<b>D</b>



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	C	bacteria	D	All of the above	
58	Isozymes or iso enzymes are those enzyme which				<b>B</b>
	A	have same structural forms	B	have different structural forms but identical catalytic properties	
	C	catalyses oxidation reactions	D	none of these	
59	Main function of an enzyme is to				<b>B</b>
	A	increase the activation energy	B	decrease the activation energy	
	C	maintain constant activation energy	D	none of these	
60	Who coined the term enzyme first?				<b>A</b>
	A	Kuhne	B	Pasteur	
	C	Liebig	D	Buchner	
61	The active form of enzyme is				<b>C</b>
	A	apoenzyme	B	coenzyme	
	C	holoenzyme	D	All of the above	
62	For most bacteria, the optimum pH for growth lies between				<b>A</b>
	A	6.5 to 7.5	B	3.5 to 5.5	
	C	10.5 to 11	D	3.5 to 4.5	
63	Photolysis is				<b>C</b>
	A	the absorption of light by chlorophyll	B	the assimilation of carbon dioxide	
	C	the splitting of water	D	none of the above	
64	Generation time of Escherichia coli is				<b>A</b>
	A	20 minutes	B	20 hours	
	C	20 days	D	200 hours	
65	The organism which grows best at high temperature are called				<b>C</b>
	A	psychrophilic	B	mesophilic	
	C	thermophilic	D	All of the above	
66	The organisms can use reduced inorganic compounds as electron donors and are termed as				<b>A</b>
	A	lithotrophs	B	phototrophs	
	C	chemotrophs	D	none of the above	
67	In DNA sequencing, the primer				<b>B</b>
	A	specifies where the sequence ends	B	specifies where the sequence begins	
	C	Both A & B	D	none of the above	



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68	Conjugative plasmids				C
	A	exhibit antibiotic resistance	B	do not exhibit antibiotic resistance	
	C	carry transfer genes called the tra genes	D	do not carry transfer genes	
69	Maximum size of foreign DNA that can be inserted into an insertion vector is				C
	A	35 kb	B	15 kb	
	C	18 kb	D	27 kb	
70	The study of interaction between living organism and environment is called				B
	A	ecosystem	B	ecology	
	C	Physiology	D	None of the above	
71	A very common mutualistic, symbiotic relationship between a fungus and the roots of a plant is				B
	A	lichen	B	mycorrhizal	
	C	ringworm	D	ascomycete	
72	The proteins that forms the walls of the microtubules are				B
	A	actin	B	tubulin	
	C	pectin	D	myosin	
73	The spindle forms in the				B
	A	G1 Phase	B	M Phase	
	C	G2 Phase	D	All of the above	
74	In an organism, the chromosome number is maintained constant because of				C
	A	independent assortment	B	crossing over	
	C	DNA duplication	D	synapsis	
75	The cross linkage of antigens by antibodies is known as				A
	A	agglutination	B	complement fixation	
	C	a cross reaction	D	All of the above	
76	T cells are the source of				D
	A	interleukin	B	interferon	
	C	lymphotoxin	D	All of the above	
77	Which of the following is used for aeration in a fermentor?				C
	A	Impeller	B	Baffles	
	C	Sparger	D	None of the above	
78	After the fermentation is over, ethanol is recovered by				B
	A	centrifugation	B	distillation	
	C	filtration	D	cell disintegration	
79	Excess CO <sub>2</sub> suppress cell growth and productivity by				C



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	A	inhibiting respiration	B	altering intracellular pH by diffusing across cell membrane	
	C	Both A & B	D	None of the above	
80	What is the concentration of CO <sub>2</sub> required for culturing animal cells?				<b>D</b>
	A	2-5 %	B	0 %	
	C	20 %	D	1-10 %	
81	Protoplasts are the cells devoid of				<b>B</b>
	A	cell membrane	B	Cell wall	
	C	Both A & B	D	None of the above	
82	Kreb's cycle operates in				<b>B</b>
	A	cytoplasm	B	mitochondrial matrix	
	C	mitochondrial cristae	D	outside the cell	
83	Cellular totipotency is the property of				<b>A</b>
	A	Plants	B	Animals	
	C	Bacteria	D	None of the above	
84	In the passive diffusion, solute molecules cross the membrane as a result of				<b>A</b>
	A	concentration difference	B	pressure difference	
	C	ionic difference	D	all of these	
85	In aerobic respiration, the terminal electron acceptor is				<b>D</b>
	A	Nitrogen	B	Methane	
	C	carbon dioxide	D	Oxygen	
86	Entner-Doudoroff pathway is found in				<b>C</b>
	A	aerobic prokaryotes	B	anaerobic prokaryotes	
	C	Both A & B	D	None of the above	
87	Which of the following is used for determining the location of specific genes within the genome?				<b>B</b>
	A	Genomics	B	Annotation	
	C	Cloning	D	All of the above	
88	Proteins can be visualized directly in gels by				<b>A</b>
	A	staining them with the dye	B	using electron microscope only	
	C	measuring their molecular weight	D	Both B & C	
89	The isoelectric point of an amino acid is defined as the pH				<b>A</b>
	A	where the molecule carries no electric charge	B	where the carboxyl group is uncharged	



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	C	where the amino group is uncharged	D	None of the above	
90	In ion-exchange chromatography				A
	A	proteins are separated on the basis of their net charge	B	proteins are separated on the basis of their size	
	C	proteins are separated on the basis of their shape	D	Both B & C	
91	What is Rh in blood group				A
	A	rhesus	B	radial	
	C	rhizome	D	rhodes	
92	Proteins separation can be carried out on the basis of				D
	A	net charge	B	solubility in salt solutions	
	C	size or mass	D	all of these	
93	Which of the following is not a function of iron?				D
	A	Oxygen transport	B	Immune function	
	C	Brain function	D	Gene regulation	
94	Which of the following carbohydrate is effective in promoting the calcium absorption?				A
	A	Lactose	B	Maltose	
	C	Sucrose	D	Xylose	
95	The released energy obtained by oxidation of glucose is stored as				C
	A	NAD <sup>+</sup>	B	AMP	
	C	ATP	D	Both B & C	
96	The amount of energy received from one ATP is				B
	A	76 kcal	B	7.3 kcal	
	C	760 kcal	D	7600 kcal	
97	The enzymes of glycolysis in a eukaryotic cell are located in the				C
	A	intermembrane space	B	plasma membrane	
	C	cytosol	D	mitochondrial matrix	
98	PCR is used				D
	A	to diagnose genetic diseases	B	to solve crimes	
	C	to study gene function	D	All of the above	
99	Transcription factors are				D
	A	regions of DNA in the promoter area	B	regions of DNA in the enhancer area	
	C	any protein which binds to DNA	D	proteins which bind DNA and initiate transcription	
100	The model that is now known to be correct for the structure of biological membrane is				A
	A	Fluid mosaic model	B	Page's model	



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	C	Lac Operon model	D	Lock and Key model
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101	Which of the following is not true for prokaryotic organism?				C
	A	Nucleus is not bounded by nuclear membrane	B	Chromosomes does not contain histones	
	C	80S ribosomes are distributed in cytoplasm	D	Cell wall contains peptidoglycan as one of the major component	
102	Gram staining was discovered by				A
	A	Christian gram	B	Alfred Gram	
	C	Robertcook	D	Louis Pasteur	
103	The five-kingdom system of classification was given by				B
	A	Louis Pasteur	B	Robert Whittaker	
	C	Robert Koch	D	Masaki Ogata	
104	The germ theory of disease was postulated by				C
	A	Robert Koch	B	Ronald Ross	
	C	Louis Pasteur	D	Walter Reed	
105	Mycology is				D
	A	Study of viruses	B	Study of nucleic acid	
	C	Study of bacteria	D	Study of fungi	
106	The plasmids can be eliminated from a cell by the process known as				A
	A	curing	B	breaking	
	C	fixing	D	expulsion	
107	The concept of putting microbes to help clean up the environment is called				B
	A	pasteurization	B	bioremediation	
	C	fermentation	D	biolistics	
108	During which phase of growth of Penicillium chrysogenum maximum antibiotic production takes place				B
	A	during the first phase	B	during the second phase	
	C	during the third phase	D	same in all the phases	
109	Who discovered jumping genes ?				C
	A	Abelson	B	Harvey	
	C	McClintock	D	Griffith	
110	In an SDS-PAGE				D
	A	proteins are denatured by the SDS	B	proteins have the same charge-to-mass ratio	
	C	smaller proteins migrate more rapidly through the gel	D	all of the above	
111	Which of the following is not a necessary component of translation?				C



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	A	Anticodon	B	mRNA	
	C	Enzyme Ligase	D	Amino acid	
112	Humans are unable to digest				<b>B</b>
	A	starch	B	cellulose	
	C	Both A & B	D	Glucose	
113	Oxidation of a molecule involves				<b>C</b>
	A	gain of electron	B	gain of proton	
	C	loss of electron	D	Both A & B	
114	The centromeres move toward the poles in _____ .				<b>A</b>
	A	anaphase		interphase	
	C	metaphase		prophase	
115	When F1 plants are crossed with homozygous recessive plants, it is known as				<b>A</b>
	A	test cross	B	recessive cross	
	C	criss-cross	D	para-cross	
116	Activated sludge contains large number of				<b>D</b>
	A	bacteria	B	yeasts and molds	
	C	protozoa	D	all of these	
117	In a native PAGE, proteins are separated on the basis of				<b>B</b>
	A	net negative charge	B	net charge and size	
	C	net positive charges size	D	net positive charge	
118	The site of protein synthesis is				<b>A</b>
	A	Ribosome	B	Nucleus	
	C	Endoplasmic reticulum	D	Chromosome	
119	The anticodon of tRNA				<b>D</b>
	A	binds to rRNA	B	binds to an amino acid	
	C	binds to the Shine Dalgarno sequence	D	binds to an mRNA codon	
120	The cells dependent solely on glucose as an energy source are				<b>B</b>
	A	muscle cells	B	brain cells	
	C	kidney cells	D	liver cells	
121	The enzymes of the TCA cycle in a eukaryotic cell are located in the				<b>B</b>
	A	nucleus	B	mitochondria	
	C	plasma membrane	D	Chloroplast	
122	In which phase, each chromosome replicates to produce two sister chromatids?				<b>B</b>
	A	Anaphase	B	Interphase	
	C	Prophase	D	Metaphase	
123	What is the metal ligand in chlorophylls?				<b>C</b>
	A	Copper (Cu)	B	Iron (Fe)	



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	C	Magnesium (Mg)	D	Manganese (Mn)	
124	Chemically an antigen may be				D
	A	lipid	B	protein	
	C	polysaccharide	D	All of the above	
125	Which of the following amino acid starts all proteins synthesis?				D
	A	Glycine	B	Proline	
	C	Thymine	D	Methionine	
126	HPLC stands for				D
	A	High Pressure Liquid Chromatography	B	High Performance Liquid Chromatography	
	C	Highly Placed Liquid Chromatography	D	Both A & B	
127	The evaporation of water from leaves is called				A
	A	transpiration	B	cohesion	
	C	tension	D	pressure flow	
128	Water moves into roots of plants by				A
	A	osmosis	B	active transport	
	C	diffusion	D	pressure flow mechanism	
129	Agrobacterium tumefaciens is				B
	A	a disease in humans that causes loss of sight	B	a bacterium that can be used to introduce DNA into plants	
	C	a fungi that is used to produce antibiotics in large amounts	D	a disease in humans that causes loss of weight	
130	Human insulin formed by recombinant DNA technology is known as				C
	A	H insulin	B	R insulin	
	C	humulin	D	huinsulin	
131	Production of transgenic animals require transfections of				A
	A	eggs or embryos	B	stem cells	
	C	red blood cells	D	all of these	
132	Which part of a cell carries the information that is passed from one generation to the next?				B
	A	ER	B	Nucleus	
	C	Cytoplasm	D	Chloroplast	
133	Exchange of segments between non homologous chromosomes is best known as				B
	A	translation	B	translocation	
	C	recombination	D	crossing over	
134	The cellular organelle associated with photosynthesis is the				D
	A	golgi complex	B	mitochondrion	



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	C	lysosome	D	chloroplast	
135	The cellular organelle associated with secretion is the				A
	A	golgi complex	B	mitochondrion	
	C	ribosome	D	lysosome	
136	Which of the following is not a physical method of enzyme immobilization?				D
	A	Adsorption	B	Entrapment	
	C	Micro encapsulation	D	None of these	
137	Liquefaction of starch to dextrin is carried out by				A
	A	Amylase	B	Cellulase	
	C	Pectinase	D	all of these	
138	In sterilization process, spore of which of the following organism is considered as control?				C
	A	Bacillus subtilis	B	Clostridium botulinum	
	C	Bacillus stearothermophilus	D	Aspergillus niger	
139	Sterilization can not be carried out by				D
	A	heat	B	Filtration	
	C	chemical agents	D	Drying	
140	Which of the following is not the physical method for the cells rupturing?				D
	A	Milling	B	Homogenization	
	C	Ultrasonication	D	Enzymatic digestion	
141	Which of the following mutations arise without exposure to external agents?				A
	A	Spontaneous mutations	B	Point mutations	
	C	Analogous mutations	D	Induced mutations	
142	Thymine dimers are directly repaired with the help of visible light by process known as				D
	A	phosphorylation	B	excision repair	
	C	photosynthesis	D	photoreactivation	
143	The template for PCR is				C
	A	RNA	B	single stranded DNA	
	C	double stranded DNA	D	Peptide chain	
144	During glycolysis the glucose molecule is broken into				B
	A	One pyruvic acid	B	Two pyruvic acid	
	C	One glycogen	D	Two glycogen	
145	Which one of the following is transcription inhibitor in eukaryotes				A
	A	Rifampicin	B	Acridine dye	
	C	Actinomycin D	D	Rho factor	
146	Colchicine arrests which of the following stages of cell division?				C



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	A	Prophase	B	Anaphase	
	C	Metaphase	D	Telophase	
147	Which among the following is gaseous phytohormone				<b>D</b>
	A	Auxin	B	Abscissic acid	
	C	Salicylic acid	D	Ethylene	
148	In which of the following uracil is present?				<b>A</b>
	A	RNA	B	DNA	
	C	Protein	D	Lipid	
149	Guanine always binds to				<b>A</b>
	A	cytosine	B	guanine	
	C	thymine	D	none of these	
150	In glycolysis, ATP is created by				<b>C</b>
	A	photophosphorylation	B	the chemiosmotic mechanism	
	C	substrate level phosphorylation	D	the pentose phosphate pathway	
151	What is antonym for "Enormous"?				<b>C</b>
	A	Soft	B	Average	
	C	Tiny	D	Weak	
152	What is synonym for "Brief"				<b>D</b>
	A	Limited	B	Small	
	C	Little	D	Short	
153	Catching the earlier train will give us the ..... to do some shopping				<b>A</b>
	A	chance	B	luck	
	C	possibility	D	occasion	
154	Affix a revenue stamp and put your signature ..... it				<b>A</b>
	A	On	B	upon	
	C	above	D	over	
155	The small child does whatever his father .....				<b>C</b>
	A	has done	B	did	
	C	does	D	had done	
156	My father ..... down for a nap				<b>A</b>
	A	lays	B	laid	
	C	lain	D	lie	
157	Antonym for "Mortal"				<b>B</b>
	A	Divine	B	Immortal	
	C	Spiritual	D	Eternal	
158	Synonym for "Unite"				<b>C</b>
	A	Unfold	B	Unchain	
	C	Combine	D	Unhinge	



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159	Which among the following is correct spelling ?				<b>B</b>
	A	Pessenger	B	Passenger	
	C	Pasanger	D	Pesanger	
160	Which among the following is correct spelling ?				<b>A</b>
	A	Occasion	B	Occassion	
	C	Ocasion	D	Ocassion	
161	..... his principles, he has to be very careful.				<b>C</b>
	A	with regard of	B	with regard on	
	C	with regard to	D	None of these	
162	He was seen ..... to the school.				<b>B</b>
	A	Went	B	going	
	C	gone	D	go	
163	It's the first time I ..... sea-food in my life.				<b>C</b>
	A	eat	B	eaten	
	C	have eaten	D	had eaten	
164	Nuclear energy is ..... dangerous to be used widely				<b>C</b>
	A	so	B	such	
	C	too	D	that	
165	Which among the following is correct spelling?				<b>D</b>
	A	Simpal	B	Bannar	
	C	Pattren	D	Modern	
166	Which among the following is correct spelling?				<b>D</b>
	A	Dammage	B	Damaige	
	C	Dammege	D	Damage	
167	Antonym for "Synthetic"				<b>B</b>
	A	Affable	B	Natural	
	C	Plastic	D	Cosmetic	
168	Synonym for "Ponder"				<b>A</b>
	A	Think	B	Evaluate	
	C	Anticipate	D	Increase	
169	Even if it rains I shall come means .....				<b>C</b>
	A	if I come it will not rain	B	if it rains I shall not come	
	C	I will certainly come whether it rains or not	D	whenever there is rain I shall come	
170	1. medicine 2. a 3. Neeta 4. given 5. was correct order for sentence is				<b>A</b>
	A	35421	B	51423	
	C	25431	D	42531	
171	1. was 2. and 3. Suresh 4. kind 5. loving correct order for sentence is				<b>A</b>



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	A	31425	B	54213	
	C	34251	D	12345	
172	The grapes are now ..... enough to be picked.				C
	A	ready	B	mature	
	C	ripe	D	advanced	
173	1. not 2. Hari 3. away 4. run 5. Did correct order for sentence is				D
	A	12345	B	35124	
	C	42135	D	25143	
174	I purposely ..... meet you during my last visit to				A
	A	didn't	B	won't	
	C	hadn't	D	wouldn't	
175	The boy was cured ..... typhoid.				B
	A	From	B	Of	
	C	For	D	by	
176	ક્રિયાનો જે આધાર હોય તે કઈ વિભક્તિ કહેવાય ?				D
	A	કર્મ	B	અપાદાન	
	C	સંપ્રદાન	D	અધિકરણ	
177	નીચે આપેલા વિકલ્પમાંથી સાચી જોડણી દર્શાવો.				A
	A	આઈસક્રીમ	B	આઈક્રીમ	
	C	આઈસક્રિમ	D	આઈસ્ક્રિમ	
178	સાચવી રાખવા સોંપેલી - શબ્દસમૂહ માટે એક શબ્દ આપો.				B
	A	ઈનામ	B	થાપણ	
	C	અમાનત	D	ભેટ	
179	'મેં ગીત ગાયુ' : વાક્યપ્રયોગ કયો છે ?				D
	A	કર્મણિ	B	પ્રેરક	
	C	ભાવે	D	કર્તરી	
180	પ્રાણી કે પદાર્થના આખા સમૂહને દર્શાવતી સંજ્ઞા કાઈ છે ?				D
	A	દ્રવ્યવાચક	B	વ્યક્તિવાચક	
	C	જાતિવાચક	D	સમૂહવાચક	



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181	નીચેનામાંથી 'સૂર્ય' નો વિરોધી શબ્દ જણાવો.				B
A	દિનેશ	B	મયંક		
C	ભાસ્કર	D	રવિ		
182	નિનાદ' ના સમાનર્થી શબ્દ જણાવો ?				A
A	ધ્વનિ	B	નિરાંત		
C	નિષ્પદ	D	સૂર		
183	સમાસ ઓળખાવો : આગગાડી				C
A	દ્વન્દ્વ	B	કર્મધારય		
C	મધ્યમપદલોપી	D	ઉપપદ		
184	“વા વાયા ને વાદળ ઉમટ્યા” -પંક્તિનો અલંકાર ઓળખાવો.				C
A	રૂપક	B	ઉપમા		
C	વર્ણાનુપ્રાસ	D	યમક		
185	ઉચ્ચારની રીતે જુદો પડતો મૂળાક્ષર કયો છે ?				B
A	ત	B	ફ		
C	દ	D	ધ		
186	'સુખ દુઃખ' સામાસિક શબ્દમાં કયો સમાસ રહેલો છે ?				D
A	તત્પુરુષ સમાસ	B	ઉપપદ સમાસ		
C	કર્મધારય સમાસ	D	દ્વન્દ્વ સમાસ		
187	'જીવ ઊડી જવો' રૂઢિપ્રયોગનો અર્થ આપો.				D
A	ઉદાસ થઈ જવું	B	ગભરાઈ જવું		
C	આશ્ચર્ય પામવું	D	મૃત્યુ પામવું		
188	'યાચક' શબ્દનો વિરુદ્ધાર્થી શબ્દ કયો છે ?				A
A	દાતા	B	અવાચક		
C	ભિખારી	D	યાચના		



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189	નીચેનામાંથી કયો શબ્દ 'સમુદ્ર' નો સમાનાર્થી નથી ?				A
A	સરિતા	B	રત્નાકર		
C	ઉદધિ	D	સિન્ધુ		
190	રે પંખિડા ! સુખેથી ચણજો, ગીત વા કાંઈ ગાજો : છંદ ઓળખાવો.				A
A	મંદાકાંતા	B	શિખરણી		
C	પૃથ્વી	D	અનુષ્ટુપ		
191	'ADMINISTRATION' શબ્દનો ઉપયોગ કરી નીચેનામાંથી કયો શબ્દ ન બનાવી શકાય ?				C
A	STRAIN	B	TRADITION		
C	SITUATION	D	RATION		
192	શબ્દ સમૂહ માટે એક શબ્દ આપો : હજાર હાથ જેને છે તે				D
A	બાહુબલી	B	સોબાહુ		
C	બળવાન	D	સહસ્રબાહુ		
193	શબ્દકોશ ક્રમ પ્રમાણે ગોઠવો :				C
A	ઋતુ, ફરિયાદ, પેચ, ધર્મ	B	ધર્મ, ફરિયાદ, પેચ, ઋતુ		
C	ઋતુ, ધર્મ, પેચ, ફરિયાદ	D	પેચ, ઋતુ, ફરિયાદ, ધર્મ		
194	નીચેનામાંથી ગુજરાતનું કયું પ્રથમ સ્થળ યુનેસ્કો દ્વારા વિશ્વવારસાનાં સ્થળોની યાદીમાં સામેલ કરવામાં આવ્યું છે?				B
A	ગીર અભયારણ્ય	B	ચાંપાનેર		
C	સૂર્યમંદિર, મોઢેરા	D	દ્વારકા મંદિર		
195	એક પ્રાણીસંગ્રહાલયમાં 20 જાનવરો, 25 પક્ષીઓ અને 35 સરીસૃપ પ્રાણીઓ હોય તો જાનવરોની ટકાવારી કેટલી થાય .?				D
A	30	B	40		
C	20	D	25		
196	'નીલમ ધીમું બોલે છે' : વાક્યમાં 'ધીમું' એ શું છે ?				C



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	A	ક્રિયાપદ	B	નામ	
	C	ક્રિયાવિશેષણ	D	કર્તા	
197	"તું મોં સંભાળી બોલજે" - વાક્ય કયા કાળને વ્યક્ત કરે છે ?				D
	A	ભૂતકાળ	B	આપેલ એકપણ નહિ	
	C	ભવિષ્યકાળ	D	વર્તમાનકાળ	
198	અજંતા ઇલોરાની ગુફાઓ કયા રાજ્યમાં આવેલી છે ?				A
	A	મહારાષ્ટ્ર	B	કર્ણાટક	
	C	ગુજરાત	D	ગોવા	
199	'અલી, બોલ તો ખરી !' - કયું વાક્ય છે ?				D
	A	સાદું વાક્ય	B	પ્રશ્નાર્થ વાક્ય	
	C	વિધાન વાક્ય	D	ઉદગાર વાક્ય	
200	નીચેનામાંથી કઈ રચના ક્રિયાપદ સહિતની છે ?				A
	A	મને પથારી ફાવી	B	મા તે મા	
	C	એનું નામ તે માણસ	D	એનું વાંચન ઘણું સારું	