CAT 2019 - BIOTECHNOLOGY

1. Which one of the following is most similar to construction of DNA chips?

   (A) PCR
   (B) Northern blotting
   (C) Semiconductor
   (D) Electrophoresis

2. The globular structure of a protein with one polypeptide is its

   (A) Primary structure
   (B) Secondary structure
   (C) Tertiary structure
   (D) Quaternary structure

3. Triticale is a food plant whose parents are

   (A) Rice and wheat
   (B) Rye and barley
   (C) Wheat and maize
   (D) Durum wheat and rye

4. *Bialophos* herbicide resistance is conferred by

   (A) *Hygromycin phospho transferase*
   (B) *Neomycin phospho transferase*
   (C) *Phosphinothricin acetyl transferase*
   (D) *Acetylcholine esterase*

5. *rbc*L gene used for barcoding of plants is located in the

   (A) Mitochondria
   (B) Chloroplast
   (C) Nucleus
   (D) Transposable element

6. Conversion of floral organ to leaf-like structure is known as

(A) Phyllody
(B) Petalody
(C) Emody
(D) Modality

7. An agent that causes phyllody is

(A) Bacteria
(B) Fungi
(C) Virus
(D) Phytoplasma

8. Most commonly used gene for construction of microbial phylogenetic tree is

(A) 5S rRNA
(B) 16S rRNA
(C) 18S rRNA
(D) 23S rRNA

9. Albert Laskar prize is awarded to those who excel in the

(A) Plant Science research
(B) Biotechnology
(C) Basic medical research
(D) Mathematical research

10. The virus that is linked to cervical cancer is

(A) Epstein-Barr Virus
(B) Human Cytomegalo virus
(C) Human Herpes Virus 8
(D) Human Papilloma Virus

11. The micro-organism that fixes nitrogen non-symbiotically is

(A) *Rhizobium japonieum*
(B) *Frankia sp.*
(C) *Azospirillum sp.*
(D) *Azotobacter chroococcum*

12. Adenosine deaminase deficiency leads to

(A) Gout
(B) Lesch-Nyhan syndrome
(C) Porphyria
(D) Severe combined immuno deficiency disease

13. A cross is made between two parents, both with genotype Aa. What is the probability that an offspring will have the genotype AA?

(A) 0.125
(B) 0.250
(C) 0.500
(D) 0.750

14. The insertion of three nucleotides into an open reading frame cannot result in

(A) a nonsense mutation
(B) a frame shift mutation
(C) a missense mutation
(D) the destruction of a nonsense mutation

15. Which of the following cell organelles is concerned with acrosome formation in sperms?

(A) Lysosome
(B) Mitochondria
(C) Centriole
(D) Golgi body

16. Which one of the following is an essential fatty acid?

(A) Linolenic Acid
(B) Oleic Acid
(C) Arachidic Acid
(D) Palmitoleic Acid

17. One of the following is not an entomopathogenic fungus

(A) *Baeuveria bassiana*
(B) *Metarrhizium anisopliae*
(C) *Trichoderma viride*
(D) *Verticillium lecanii*

18. Alpha-ketoglutarate serves as one of the keto-substrate in the formation of

(A) agropine
(B) nopaline
(C) octopine
(D) histopine

19. This hormone is different from other hormones in its physical state

(A) Gibberellin
(B) Ethylene
(C) Indole acetic acid
(D) Zeatin

20. The purpose of Meselson and Stahl experiment in which they grew *E. coli* on the nutrient medium containing NH_4Cl made using either normal (^{14}N) or radioactive nitrogen (^{15}N) is

(A) to find a bactericidal drug
(B) to prove that DNA and not protein is the genetic material
(C) to prove that the DNA replicate in a semi-conservative fashion
(D) to prove abiogenesis

21. Which one of the following is not true of meiosis?

(A) Reduction division resulting in 'n' number of chromosomes
(B) Crossing over
(C) Pairing of homologous chromosomes
(D) Separation of chromatids during Anaphase I

22. Which one of the following is most distinct from the others?

(A) Incineration
(B) Autoclaving
(C) Boiling
(D) Pasteurization

23. The foreign DNA could be covalently bonded to a vector plasmid by the enzyme

(A) DNA helicase
(B) DNA ligase
(C) DNA polymerase
(D) Restriction endonuclease

24. The Human growth hormone "hGH" is secreted by

(A) Pituitary gland
(B) Hypothalamus
(C) Pancreas
(D) Thymus

25. The cells that transport oxygen within the body are the

(A) macrophages
(B) erythrocytes
(C) platelets
(D) leukocytes

26. Individual strands of the fungal body are known as

(A) mycelium
(B) hypha
(C) ascocarp
(D) zygospore

27. Which of these is required for aerobic cellular respiration?

(A) Carbon dioxide
(B) Sunlight
(C) Oxygen
(D) Chlorophyll

28. An organism's ability to maintain a constant internal condition necessary for life is known as

(A) Homeostasis
(B) Stability
(C) Reproduction
(D) Adaptation

29. The terminal electron acceptor during mitochondrial respiration is

(A) Oxygen
(B) FAD^+
(C) NAD^+
(D) ATP

30. MADS is the acronym from the founding (gene) members of the gene family, namely, MCM1, AGAMOUS, DEFICIENS and SRF derived respectively from

(A) *Saccharomyces cervisiae*, *Arabidopsis thaliana*, *Antirrhinum majus*, *Homo sapiens*
(B) *Arabidopsis thaliana*, *Antirrhinum majus*, *Saccharomyces cervisiae*, *Homo sapiens*
(C) *Antirrhinum majus*, *Saccharomyces cervisiae*, *Homo sapiens*, *Arabidopsis thaliana*
(D) *Homo sapiens*, *Arabidopsis thaliana*, *Antirrhinum majus*, *Saccharomyces cervisiae*

31. For the DNA strand 5'-TACGATCATAT-3' the correct complementary DNA strand is

(A) 3'-TACGAT CATAT-5',
(B) 3'-ATGCTAGTATA-5'
(C) 3'-AUGCUAGUAUA-5'
(D) 3'-GCATAT ACGCG-5 '

32. A mature messenger RNA is 336 nucleotides long, including the initiator and termination codons. The number of amino acids in the protein translated from this mRNA is

(A) 111
(B) 112
(C) 110
(D) 113

33. The scientist who was awarded the Nobel Prize in Physiology or Medicine, "for the discovery that mutations can be induced by X-rays" is

(A) Linus Carl Pauling
(B) George Beadle
(C) H J Muller
(D) Edward Tatum

34. All microbial contaminants are visible by light microscopy except

(A) Bacteria
(B) Fungi
(C) Yeast
(D) Mycoplasma

35. Trypsin is a digestive serine protease which is made as a zymogen (proenzyme) in the pancreas. As it enters the duodenum it is activated by

(A) Hexokinase
(B) Enterokinase
(C) Rubisco
(D) Phosphokinase

36. Which one of the following is an example for non-reducing sugar?

(A) Maltose
(B) Lactose
(C) Trehalose
(D) Cellobiose

37. Km denotes affinity of an enzyme towards its substrate. Which one of the following Km values depict highest affinity for a hypothetical enzyme?

(A) 1×10^{-5}M
(B) 1×10^{-6}M
(C) 1×10^{-7}M
(D) 1×10^{-8}M

38. When a rotor in a centrifuge moves by 2π radians, it actually means that the rotor has moved by an angle of

(A) 45°
(B) 90°
(C) 180°
(D) 360°

39. The inventor of electrophoresis is

(A) Mikhail Tswett
(B) Arne Wilhelm Kaurin Tiselius
(C) Linus Pauling
(D) Thomas Alva Edison

40. Microscope used to study the structural details of fungal sheath is

(A) Dark field microscope
(B) Bright field microscope
(C) Phase contrast microscope
(D) Dissecting microscope

41. X-rays were discovered by

(A) Pierre Curie and Marie Curie
(B) John H. Muller
(C) Wilhelm Conrad Roentgen
(D) Henri Becquerel

42. Mad Cow disease is caused by

(A) Virus
(B) Bacteria
(C) Prions
(D) Fungi

43. Chikungunya is caused by

(A) single-stranded RNA virus
(B) double-stranded RNA virus
(C) single-stranded DNA virus
(D) double-stranded DNA virus

44. Transfer of cellular genetic material from one bacterial cell to another by means of virus particles is called

(A) Transfection
(B) Transduction
(C) Transformation
(D) Transposition

45. Chronobiology is

(A) A branch of science devoted to the study of biological rhythms
(B) A branch of science devoted to the study of ageing
(C) A branch of science devoted to the study of historical events
(D) A branch of science devoted to the study of chromatography

46. Norman Ernest Borlaug is considered as father of

(A) Green Revolution
(B) White Revolution
(C) Yellow Revolution
(D) Black Revolution

47. If a cat has 38 chromosomes in each of its body cells, how many chromosomes will be there in each daughter cell after meiosis?

(A) 11
(B) 19
(C) 38
(D) 76

48. Which one of the following is OMEGA SIX fatty acid?

(A) Myristic acid
(B) Linolenic acid
(C) Oleic acid
(D) Linoleic acid

49. 'Energy can neither be created nor destroyed but can be converted from one form to another' explains the

(A) First law of Mendelian genetics
(B) First law of Thermodynamics
(C) Beer-Lambert law of spectroscopy
(D) First law of Motion

50. 'Fluid Mosaic Model' was proposed by

(A) Singer and Nicolson
(B) Robertson
(C) Davidson-Danielli
(D) Watson and Crick

51. One *Svedberg* unit is equal to

(A) 0.1×10^{-13}sec
(B) 1.0×10^{-13}sec
(C) 0.5×10^{-13}sec
(D) 1.5×10^{-13}sec

52. β-carotene is the precursor of

(A) Vitamin A
(B) Vitamin B
(C) Vitamin C
(D) Vitamin D

53. Pineapple is a specific example for plants with

(A) Crassulacean acid metabolism
(B) Hatch-Slack metabolism
(C) The Calvin–Benson cycle
(D) Krebs cycle

54. L- Citrulline is

(A) an amino acid
(B) a monosaccharide
(C) a fatty acid
(D) a nucleotide

55. A single gene controlling many traits is known as

(A) Multiple alleles
(B) Linkage
(C) Dominance
(D) Pleiotropy

56. Three-celled pollen is

(A) a male gametophyte
(B) a male gamete
(C) a microspore
(D) a megaspore

57. An enzyme that stimulates germination of barley seed is

(A) α-amylase
(B) β-galactosidase
(C) lipase
(D) invertase

58. Which of the RNA has a structure resembling clover-leaf?

(A) rRNA
(B) hnRNA
(C) mRna
(D) tRNA

59. The recognition site for *EcoRI* is

(A) GAATTC
(B) CAAGTC
(C) AATGTC
(D) CTGAAT

60. Microarray is used to reveal the details of

(A) Gene expression
(B) Gene coding
(C) Protein sequence
(D) Lipid profiling

61. HRP is a glycoprotein that can be effectively purified by

(A) Lectin affinity chromatography
(B) Metal chelate chromatography
(C) Covalent chromatography
(D) Hydroxylapatite chromatography

62. Centre of origin of bread wheat is

(A) Middle East
(B) Africa
(C) USA
(D) India

63. Latex is commercially obtained from

(A) Rubber tree
(B) Neem tree
(C) Rhine tree
(D) Banyan tree

64. Real time PCR is used to estimate

(A) Translational level of a gene
(B) Replication of DNA
(C) Transcriptional level of a gene
(D) Organization of RNA

65. Co-enzyme responsible for one carbon metabolism is

(A) Acetyl CoA
(B) THF_4
(C) Biotin
(D) Pyridoxin

66. The most common secondary messenger is

(A) ATP
(B) Cyclic AMP
(C) ADP
(D) GMP

67. According to Bronsted's theory, the weakest acid has

(A) Strongest conjugate base
(B) No conjugate base
(C) Weakest conjugate base
(D) Strong hydroxide

68. First product of glycogeneolysis is

(A) Glucose 6 - Phosphate
(B) Glucose 1- Phosphate
(C) Glucose 1, 6 - diphosphate
(D) Fructose 1- phosphate

69. Protein purification can be done by all except

(A) Centrifugation
(B) Densitometry
(C) Electrophoresis
(D) Chromatography

70. The optically inactive amino acid is

(A) Glycine
(B) Tyrosine
(C) Valine
(D) Threonine

71. Competitive enzyme inhibition will cause

(A) Decrease Km and increase Vmax
(B) Decrease Km and decrease Vmax
(C) Increase Km and increase Vmax
(D) Increase Km and unchanged Vmax

72. The powerhouse of the cell is

(A) Golgi complex
(B) Mitochondrion
(C) Nucleoli
(D) Vacuole

73. The secretion of salivary gland may be described as

(A) Exocrine and merocrine
(B) Endocrine and holocrine
(C) Exocrine and holocrine
(D) Endocrine and merocrine

74. Cell that lacks nucleus is

(A) Lymphoblast
(B) Erythrocyte
(C) Cardiac muscle cell
(D) Leucocyte

75. The three termination codons are

(A) UAA AAA GGU
(B) UAA UAG AAU
(C) UAA UUU UAG
(D) UAA UAG UGA

76. Natural rubber is a polymer derived from

(A) Isoprene
(B) Isoprene
(C) Ethylene
(D) Butadiene

77. pH of blood and skin is

(A) 6.4 and 7.0
(B) 4.0 and 5.0
(C) 5.0 and 7.0
(D) 7.4 and 5.5

78. Water drops are spherical because of

(A) Density
(B) Polarity
(C) Surface tension
(D) Viscosity

79. Which gas is used to manufacture vanaspati from vegetable oil?

(A) Carbon dioxide
(B) Hydrogen
(C) Nitrogen
(D) Oxygen

80. Air is a

(A) Compound
(B) Colloid
(C) Element
(D) Mixture

81. Due to rusting the weight of iron

(A) Decreases
(B) Increases
(C) Remains the same
(D) Uncertain

82. What is the term used to indicate the growth of new blood vessels?

(A) Biosynthesis
(B) Angiogenesis
(C) Apoptosis
(D) Metastasis

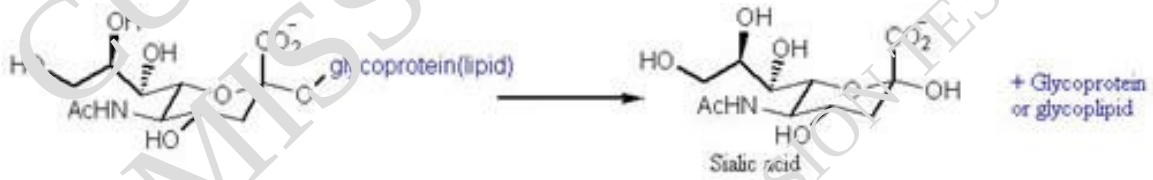
83. Which molecules are involved in the anchoring of cells to an extracellular matrix?

(A) Integrins
(B) Interleukins
(C) Angiostatin
(D) Cyclins

84. Which of the following enzyme is responsible for processing HIV proteins during the production of new viruses?

(A) Helicase
(B) Protease
(C) Reverse transcriptase
(D) DNA polymerase

85. An enzyme carried by the flu virus catalyses the following reaction. Which enzyme is it?



(A) Haemagglutinin
(B) RNA polymerase
(C) DNA polymerase
(D) Neuraminidase

86. The number of moles of solute present in 1 kg of a solvent is called its

(A) Molality
(B) Molarity
(C) Normality
(D) Formality

87. The main buffer system of the human blood is

(A) $H_2CO_3 – HCO_3^-$
(B) $H_2CO_3 - CO_3^{2-}$
(C) $CH_3COOH - CH_3COO^-$
(D) $NH_2CONH_2 - NH_2CONH^-$

88. Aspirin is

(A) Ethyl salicylate
(B) Sodium salicylate
(C) Methyl salicylate
(D) Acetyl salicylic acid

89. DNA synthesis occurs during

(A) G_1 Phase
(B) M Phase
(C) S Phase
(D) G_2 phase

90. Humans are unable to digest

(A) Pectin
(B) Complex carbohydrates
(C) Denatured proteins
(D) Cellulose

91. The synthesis or breakdown of _____ is often coupled with the metabolic reactions.

(A) O_2
(B) DNA
(C) ATP
(D) CO_2

92. A substance that absorbs moisture is called as

(A) Hygroscopic
(B) Amorphous
(C) Hydrophobic
(D) Hydrophilic

93. The heat energy produced when the human body metabolises 1.0 gram of fat is

(A) 30 KJ
(B) 39 KJ
(C) 1KJ
(D) 29 KJ

94. Which pyrimidine base contains an amino group at C_4?

(A) Cytosine
(B) Thymine
(C) Uracil
(D) Adenine

95. FAD is reduced to $FADH_2$ during

(A) Electron transport phosphorylation
(B) Lactate fermentation
(C) Krebs cycle
(D) Glycolysis

96. Vitamin B_{12} is only synthesized by the

(A) Fishes
(B) Microorganisms
(C) Plants
(D) Animals

97. The nodes of cabbage are packed closely together, and all the leaves are tightly clustered comes under which phyllotaxy?

(A) Opposite phyllotaxy
(B) Whorled phyllotaxy
(C) Spiral phyllotaxy
(D) Alternate phyllotaxy

98. Development of petal involves regulated

(A) Cell division
(B) Cell expansion
(C) Both (A) and (B)
(D) Cell Elongation

99. Peroxisomes, a pore forming proteins, in the membranes permit passage of molecules as large as

(A) 600Da
(B) 500Da
(C) 800Da
(D) 1000Da

100. RNA polymerase II transcribes

(A) mRNA and a few small RNAs
(B) 18s/28s rRNA
(C) tRNA, 5s rRNA, and other small RNAs
(D) Both (B) and (C)

101. The 5' end of eukaryotic mRNA is capped by adding which base to the terminal base of the transcript via a 5'-5' link?

(A) A
(B) T
(C) C
(D) G

102. What are all the contributing factors involved in cell cycle regulation ensuring that only certain cells divide at appropriate time?

(A) Growth factor
(B) Size of cell
(C) Nutritional state of cell
(D) All of the above

103. What is the reaction centre for Photosystems I and II?

(A) P700 and P650
(B) P700 and P630
(C) P700 and P680
(D) All of the above

104. If a short night plant is given long night, it does not flower. But it is possible to cause flowering by illumination with

(A) Blue light
(B) White light
(C) Red light
(D) Green light

105. In plant cell osmotic adjustment during water stress results in

(A) net increase in the number of solute particles
(B) net decrease in solute particles
(C) fluctuations in the number of solute particles
(D) Both (A) and (C)

106. Which one of the following plant belongs to C_4 group?

(A) *Zea mays*
(B) *Vigna radiata*
(C) *Cajanus cajan*
(D) *Vigna mungo*

107. Which one is the correct order of gene regulation?

(A) DNA-RNA-tRNA-Protein
(B) DNA-Protein-mRNA- RNA
(C) DNA-mRNA-RNA-Protein
(D) DNA-RNA-mRNA-Protein

108. Seed dormancy is controlled by a hormonal balance of

(A) Gibberellins
(B) Abscisic acid
(C) Both (A) and (B)
(D) Benzyl-adenine

109. The anticancer drugs vincristine and vinblastins are isolated from

(A) *Taxus brevifolli*
(B) *Cathathranthus roseas*
(C) *Plumbago zeylanica*
(D) *Podophyllotum peltatum*

110. What is the major storage tissue of pine seeds?

(A) Cotyledons
(B) Endosperm
(C) Megagametophyte
(D) None of the above

111. The transgenic 'Golden rice' produces precursor of

(A) Vitamin E
(B) Vitamin D
(C) Vitamin A
(D) Folic acid

112. What for the transgenic 'Bt cotton' produced?

(A) Drought tolerance
(B) Insect resistance
(C) Pest resistance
(D) Herbicide resistant

113. Which was the first transgenic animal?

(A) Dolly
(B) Zebrafish
(C) Alba
(D) Albino mice

114. Transport of a substance from inside a cell to the outside is called as

(A) Exocytosis
(B) Endocytosis
(C) Both (A) and (B)
(D) Pericarb

115. The portion of an antigen to which an antibody binds is called as

(A) Adjuvant
(B) Epitope
(C) Effector
(D) Precipitation

116. Bioremediation is

(A) Removal of pollutant
(B) Removal of solid
(C) Removal of soil
(D) Removal of chemicals

117. Sickle-cell anaemia is caused by

(A) Recessive genes
(B) Lethal genes
(C) Chromosomal aberrations
(D) p35 genes

118. Which of the following cells would be considered differentiated?

(A) Blastomere
(B) Muscle cell
(C) Stem cell
(D) Morula

119. Scurvy is due to the deficiency of

(A) Vitamin A
(B) Vitamin B
(C) Vitamin C
(D) Vitamin D

120. Green glands are excretory in function which are found in

(A) Moth
(B) Spider
(C) Scorpions
(D) Prawn

121. Which step is most important to bind the primers for target region of template DNA in PCR?

(A) Denaturation
(B) Annealing
(C) Elongation
(D) Final extension

122. Which of the following is a protein deficiency disease?

(A) Goitre
(B) Rickets
(C) Kwashiorkor
(D) Pellagra

123. Which gland is responsible for producing high temperature during fever condition?

(A) Pitutatory
(B) Thalamus
(C) Hypothalamus
(D) Cerebellum

124. Which of the following abnormality, resulted from the inheritance of an unbalanced complement of chromosomes can be diagnosed through karyotyping?

(A) Down's syndrome
(B) Turner's syndrome
(C) Klinefelter's syndrome
(D) All of the above

125. In an organism, the chromosome number is maintained constant because of

(A) Independent assortment
(B) Crossing over
(C) DNA duplication
(D) Synapsis

126. Virus and disease-free plants are produced by

(A) Micropropagation
(B) Somatic Embryo genesis
(C) Protoplast culture
(D) Pollen culture

127. Albinism is caused due to lack of production of

(A) Tyrosine 3-monooxygenase
(B) Homogentisic acid oxidase
(C) Thiamine pyrophosphate
(D) Phenylalanine hydroxylase

128. Polio immunising vaccine was developed by

(A) Edward Jenner
(B) Jonas Salk
(C) Louis Pasteur
(D) Paul Ehrlich

129. Brunner's glands are present in

(A) Stomach
(B) Liver
(C) Small intestine
(D) Large intestine

130. The following is not a heme protein

(A) Hemoglobin
(B) Myoglobin
(C) Cytochrome P450
(D) Lipoprotein

131. The enzyme rapidly interconverts dihydroxyacetone phosphate with glyceraldehydes 3-phosphate is

(A) Glyceraldehyde phosphate dehydrogenase
(B) Phosphoglycerate mutase
(C) Triosephosphate isomerase
(D) Enolase

132. Microsatellites are

(A) 10-30 bp short sized sequences within the gene
(B) 2-5 base pairs repeated 5-50 times within the gene
(C) regions of chromosomes after secondary constriction
(D) short coding regions on the eukaryotic genome

133. The set of DNAs generated using random primers in a PCR reaction is called

(A) RFLP
(B) in situ hybridization
(C) AFLP
(D) RAPD

134. The DNA fingerprint pattern of a child is

(A) similar to father DNA print
(B) similar to mother DNA print
(C) exactly similar to both parent DNA print
(D) 50% similar to father and rest to mother

135. 'Human Genome Project' was also focused in identifying

(A) AFLP
(B) RFLP
(C) VNTR
(D) SNP

136. Classification of organisms based on evolutionary as well as genetic relationships is called

(A) Numerical taxonomy
(B) Phonetics
(C) Biosystematics
(D) Cladistics

137. Telomerase does which of the following ?

(A) Joins the Okazaki fragments on the lagging strand
(B) Catalyzes DNA replication at the ends of chromosome
(C) Enhances transcription
(D) Requires dCTP

138. The only methylated base in mammals is

(A) Thymine
(B) Methyl-Adenine
(C) 5-Methyl Cytosine
(D) 7-Methyl guanine

139. At which stage of the cell cycle are histones proteins synthesized in a eukaryotic cell?

(A) During prophase
(B) During telophase
(C) During S phase
(D) During G2 stage of prophase

140. Atavism means

(A) Inheritance of a trait by mother
(B) Inheritance of a trait by father
(C) Sibling shows common character
(D) Inheritance of distinct ancestor not shown by the parents

141. Filariasis is caused by

(A) *Wuchereria bancrofti*
(B) *Ascaris lumbricoides*
(C) *Taenia solium*
(D) *Fasciola hepatica*

142. Chicken pox is caused by

(A) Varicella Zoster Herpes virus
(B) Adeno virus
(C) Bacteriophage T2
(D) SV 40 virus

143. Use of steroids and anti-histamines give a quick relief from

(A) Headache
(B) Allergy
(C) Nausea
(D) Cough

144. Which one of the following act as a physical barrier to the entry of micro-organisms in human body.

(A) Tears
(B) Skin
(C) Monocytes
(D) Epithelium of urogenital tract

145. Enzyme which catalyse binding of two substrates by covalent bonds are known as

(A) Lyases
(B) Hydrolases
(C) Ligases
(D) Oxidoreductases

146. An allosteric enzyme

(A) is generally present at the end of the pathway
(B) generally catalyses a reversible reaction
(C) generally catalyses the committed step unique to a pathway
(D) possesses only substrate site

147. Deoxygenerated blood is carried in

(A) Pulmonary artery
(B) Pulmonary vein
(C) Carotid artery
(D) Aorta

148. What is the maximum limit of sound intensity in decibel units which a person cannot hear?

(A) 65
(B) 75
(C) 85
(D) 95

149. In a population unrestricted reproductive capacity is called as

(A) carrying capacity
(B) biotic potential
(C) birth rate
(D) fertility rate

150. Red Data Book provides data on

(A) Red flowered plants
(B) Red coloured fishes
(C) List of plants and animals
(D) Endangered plants and animals

BIOTECHNOLOGY - ANSWER KEY

TEST CODE: 601

QN. NO.	KEY	QN. NO.	KEY	QN. NO.	KEY	QN. NO.	KEY	QN. NO.	KEY
1	B	26	B	51	B	76	A	101	D
2	C	27	C	52	A	77	D	102	D
3	D	28	A	53	A	78	C	103	C
4	C	29	A	54	A	79	B	104	C
5	B	30	A	55	D	80	D	105	A
6	A	31	B	56	A	81	B	106	A
7	D	32	A	57	A	82	B	107	D
8	B	33	C	58	D	83	A	108	C
9	C	34	D	59	A	84	B	109	B
10	D	35	B	60	A	85	D	110	C
11	D	36	C	61	A	86	A	111	C
12	D	37	D	62	A	87	A	112	B
13	B	38	D	63	A	88	D	113	A
14	B	39	B	64	C	89	C	114	A
15	C	40	C	65	B	90	D	115	B
16	A	41	C	66	B	91	C	116	A
17	C	42	C	67	A	92	A	117	B
18	B	43	A	68	B	93	B	118	B
19	B	44	B	69	B	94	A	119	C
20	C	45	A	70	A	95	C	120	D
21	D	46	A	71	D	96	B	121	B
22	A	47	B	72	B	97	C	122	C
23	B	48	D	73	A	98	C	123	C
24	A	49	B	74	B	99	C	124	D
25	B	50	A	75	D	100	A	125	C

QN. NO.	KEY
126	A
127	A
128	B
129	C
130	D
131	C
132	B
133	D
134	D
135	D
136	D
137	B
138	B
139	C
140	D
141	A
142	A
143	B
144	A
145	C
146	C
147	A
148	C
149	B
150	D