



BIOLOGY

BOOKS - NTA MOCK TESTS

NTA NEET SET 51

Biology

1. It has been observed that , colourless cells are modified from the adaxial epidermal cells of leaf in grasses near the veins. What are these modified cells called as ?

A. Heterocysts

B. Bulliform cells

C. Companion cells

D. Trichomes

Answer: B



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2. The below image represents a type of animal which belongs to the genus



A. Ophiura

B. Palaeomon

C. Ascidia

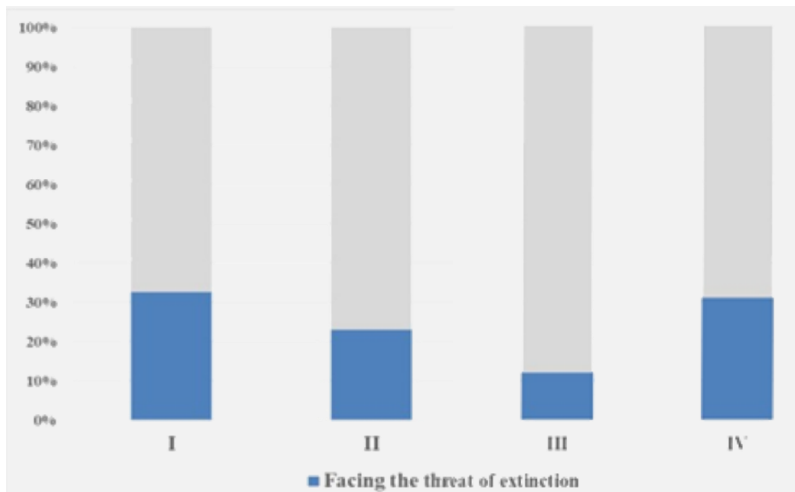
D. Limulus

Answer: B



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3. Observe the following graph and state the correct animal or plant groups representing each bar.



A. I - Gymnosperms , II - Mammals , III - Birds , IV -
Amphibians

B. I - Amphibians , II - Mammals , III - Birds , IV -
Gymnosperms

C. I - Gymnosperms , II - Birds , III - Mammals , IV -
Amphibians

D. I - Amphibians , II - Birds , III - Mammals , IV -

Gymnosperms

Answer: B



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4. The following were the observations made for an infectious agent.

- (i) smaller than a virus,
- (ii) its nucleic acid had ribose as sugar
- (iii) lacks a Protein coat.

Select the disease /s it is most likely to cause.

A. Potato spindle tuber disease

B. Potato leaf roll

C. Potato leaf curl

D. Both (a) and (b)

Answer: A



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5. Select the incorrect statement from the following :

(i) Biomolecules are in metabolic flux in the living state .

(ii) Living process is a constant effort to prevent falling into equilibrium

(iii) Metabolism provides a mechanism for the production of energy

(iv) Living state and metabolism is synonymous

- A. All except (i)
- B. All except (ii)
- C. All are incorrect
- D. All are correct

Answer: D



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6. If the bio - resources of an organization is accessed without Authorization , it come under -

- A. Biopiracy
- B. Biopatent

C. Exploitation

D. Traditional piracy

Answer: A



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7. Shyamprasad is a 34 year old priest at a temple. He is a pure vegetarian and has never consumed meat , egg or fishes . He complaints of weakness, paleness, and exhaustion. On this blood report, the enterocytes are larger than normal . Which of these could be a possible causes of this ?

A. Deficiency of iron

B. Deficiency of cyanacobalamin

C. Malaria

D. Sickle cell disease

Answer: B



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8. A person, working in a spinning mill for several years is now experiencing difficulty in breathing . Which of the following can be the reason for the problem assuming that this is a work - related problem ?

A. Emphysema

B. Influenza

C. Coryza

D. Fibrosis of upper part of lung

Answer: D



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9. During the meiotic division, at which stage the homologous chromosomes separate without the sister chromatids breaking apart ?

A. Metaphase I

B. Metaphase II

C. Anaphase I

D. Anaphase II

Answer: C



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10. From the following identify the restriction enzyme that is credited as the 1st one to be isolated .

A. EcoRI

B. Barn HI

C. Hind II

D. SmaI

Answer: C



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11. Study the following statements regarding mitochondria and select the incorrect ones.

(i) The matrix contains single circular ssDNA molecule, a few RMA molecules , 70s ribosomes

(ii) Mitochondria divide by fission

(iii) Mitochondria bear cisternae

(iv) These are the sites of aerobic respiration

A. i and ii

B. ii and iii

C. I and iii

D. ii and iv

Answer: C



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12. Select the correct combination of gland to its hormone and function.

A.

Source gland	Hormone	Function
Thyroid	Thyroxine	Regulates blood calcium level

B.

Source gland	Hormone	Function
Anterior pituitary	Oxytocin	Contraction of uterus muscles during child birth

C.

Source gland	Hormone	Function
Posterior pituitary	Vasopressin	Stimulates reabsorption of water in the DCT of the nephron

D.

Source gland	Hormone	Function
Corpus luteum	Oestrogen	Supports pregnancy

Answer: C



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13. Select the wrong option from the following.

A. Intrinsic factor secreted by parietal cells -Essential for the absorption of vitamins.

B. Bile activities - lipases.

C. Succus entericus - digestion of nucleic acid into nucleotides.

D. Enterokinase secreted by intestinal mucosa - activates trypsinogen into trypsin

Answer: C



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14. Which of following accounts for 50% of the total cost of various ecosystem services?

- A. Soil formation
- B. Nutrient cycling
- C. Climate regulation
- D. Recreation and habitat for wild life

Answer: A



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15. Read following statements and identify the incorrect one in regards to Hardy-Weinberg equilibrium.

- A. The allelic frequency in a population are stable and constant from generation to generation
- B. Gene migration or gene flow is essential for the maintenance of Hardy - Weinberg principle in disturbed
- C. Evolution occurs when Hardy - Weinberg principle in disturbed
- D. When frequency measured, differs from expected values, the difference indicates the extent of evolutionary charge

Answer: B



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16. Select the statement that is incorrect for cortical nephron.

- A. They are the most abundant of all the nephron in kidneys
- B. Their glomeruli lie close to the inner margin of the cortex near medulla
- C. They Cannot plasma volume when water supply is normal
- D. Loop of Henle is short in size

Answer: B



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17. Form the following, the pathogen that will lead to the appearance of dry, scaly lesions on various parts of the body such as skin nails, scalp accompanied by intense itching is

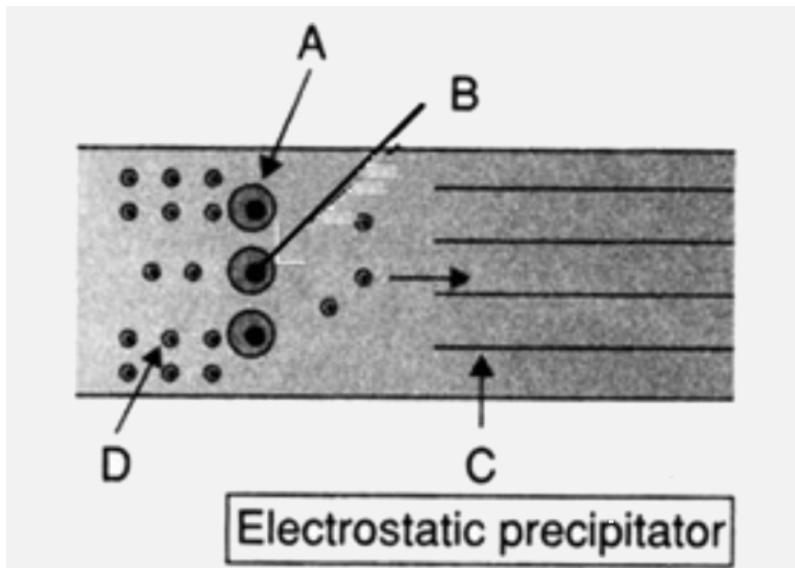
- A. Microsporum
- B. Salmonella typhi
- C. Clostridium tetani
- D. Wuchereria bancrofti

Answer: A



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18. Below is the representation of an electrostatic precipitator. What do the labels A, B, C and D suggest?



A. A: Discharge corona, B: Negatively charged wire, C: Collection plate grounded, D : Dust Particles

B. A: Dust particles, B: Discharge corona, C: Negatively charge wire, D: Collection plate grounded

C. A: Negatively charged wire, B: Discharge corona, C:

Collection plate grounded, D : Dust particles

D. A: Collection plate grounded, B: Dust particles, C:

Negatively charge wire, D: Discharge corona

Answer: A



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19. The oogonial cells start dividing and enter into
A.....of meiotic division and get temporarily arrested at
that stage, calledB..... . During oogenesis at puberty,
this oocyte gets surrounded by granulosa cells and then
calledC.....

A. A - Metaphase II , B - Primary oocyte , C - Primary follicle

B. A - Prophase I , B - Primary oocyte, C - Primary follicle

C. A - Prophase I , B - Secondary oocyte, C - Secondary follicle

D. A - Prophase II , B - Secondary oocyte, C - Secondary follicle

Answer: B



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20. What is the name of the bone that is not labeled ?



- A. Fibula
- B. Tarsal
- C. Radius
- D. Ulna

Answer: A



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21. In the biological treatment for sewage , microbes are used for the reduction of the organic matter in the sewage water which are held together by fungal filament to form mesh like structures . These are called as :

- A. Activated sludge
- B. Aerobic process
- C. Flocs
- D. Anaerobic sludge

Answer: C



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22. Determine the element from the following description.

(I) Activate enzyme of photosynthesis and respiration

(II) Involved in the synthesis of DNA and RNA

(III) Help to maintain structure of ribosome

A. Ca

B. Mg

C. S

D. Fe

Answer: B



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23. Chromosomes I hasA.....genes and Y-chromosome hasB..... genes.

A. A - 4968, B - 123

B. A - 4986, B - 123

C. A - 8962, B - 231

D. A - 2968, B - 321

Answer: D



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24. Which of these parts of the Makoi plant is incorrectly described ?

A. Leaves : alternate , simple , exstipulate with reticulate venation

B. Corolla: petals five , gamopetalous with valvate aestivation

C. Gynoecium: bicarpellary , syncarpous with bilocular , superior ovary superior

D. Seeds : many seeds in a fruit , without endosperm

Answer: D



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25. Schwann cell with nodes of Ranvier are found in

- A. non - medullary axons in the central nervous system
- B. non - medullary axons in the peripheral nervous system
- C. medullary axons in the central nervous system
- D. medullary axons in the peripheral nervous system

Answer: D



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26. Considered the following four conditions (A-D) and select the correct pair of them as adaptation to environment in desert lizards. The conditions

(a) Burrowing in soil to escape high temperature

(b) Losing heat rapidly from the body during high temperature

(c) Bask in sun when temperature is low

(d) Insulating body due to thick fatty dermis options

A. iii and iv

B. i and iii

C. ii and iv

D. i and ii

Answer: B



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27. In C_4 - plants , the decarboxylation of C_4 acid to produce C_3 acid and CO_2 during photosynthesis occurs in -

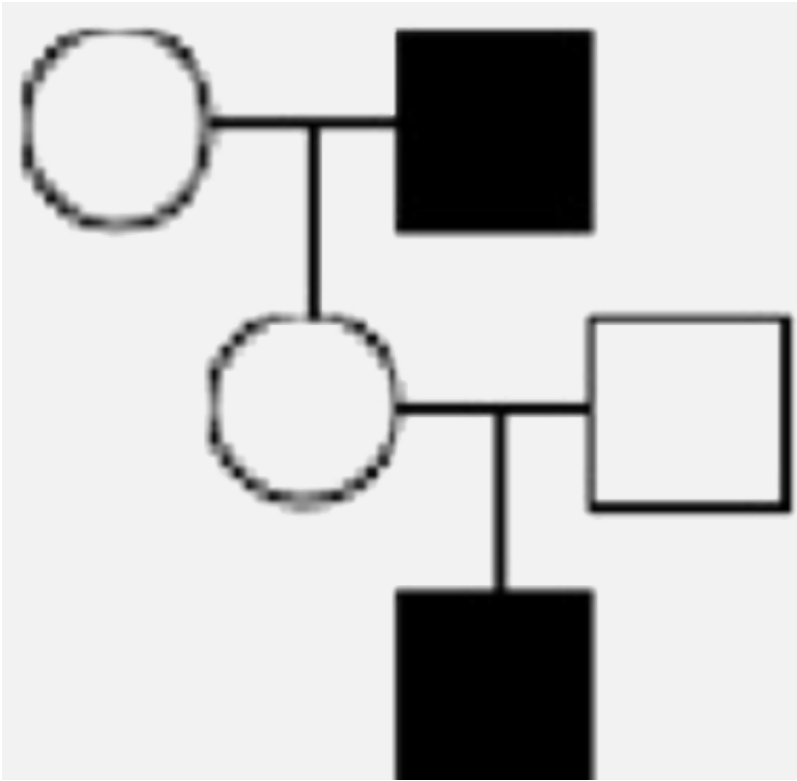
- A. mesophyll
- B. stroma
- C. bundle sheath
- D. grana

Answer: C



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28. Observe the following pedigree . Which of these disease could represent ?



- A. Colour - blindness
- B. Myotonic dystrophy
- C. Cystic fibrosis

D. Hypertrichosis

Answer: A



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29. Read the following statements and determine the incorrect one .

A. When pollen is shed at two - celled stage single fertilization takes place

B. Vegetative cell is larger than generative cell

C. Pollen grains in some plants remain viable for months

D. Intine is made up of cellulose and pectin

Answer: A



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30. Select the combination with the correct match for tissue / tissue parts to their features.

	Column I		Column II
(a)	Xylem parenchyma	(i)	Absent in most of the monocot stem
(b)	Sclereids	(ii)	A long cylindrical tube-like structure
(c)	Phloem parenchyma	(iii)	Tannins storage
(d)	Vessel	(iv)	Fruit walls of nuts

A. a- i-, b- ii , c - iii , d - iv

B. a- ii -, b- iv , c - iii , d - i

C. a- iii -, b- iv , c - i , d - ii

D. a- iii -, b- ii , c - i , d - iv

Answer: C



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31. The vertebrate Myxine has been classified under which division of phylum Chordata?

A. Cyclostomata

B. Gnathostomata

C. Agnatha

D. Chondrichthyes

Answer: C



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32. Mango, a popular fruit of india is found with many variations in flavours, colours, fibre content, sugar content including shelf life. What can be the reason for such a huge variation?

- A. Species diversity
- B. Ecological diversity
- C. Genetic diversity
- D. hybridization

Answer: C



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33. Formation of plasmodium under suitable conditions is observed in

- A. ciliated protozoans
- B. dinoflagellates
- C. slime moulds
- D. flagellated protozoans

Answer: C



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34. Select the statement that is correctly relatable with DNA.

- A. Double helical structure in which two strands of polynucleotide runs parallel to each other.
- B. The chief bond to hold the monomeric units together is the H- bonds.
- C. N- bases projected more or less perpendicular to back bone and faces inside.
- D. DNA is a homopolymer of nucleosides.

Answer: C



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35. Select the statements that are incorrect regarding Bt toxin.

- (1) The toxin is made by the eukaryotic organism
- (2) The toxin is a protein and insecticidal.
- (3) they are produced in the active form.
- (4) The toxin is coded by the cry gene.

A. All except II and IV

B. All except I,II and IV

C. All except I,II and III

D. All except III and IV

Answer: A



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36. How many oxygen molecules can a single molecule of haemoglobin transport at a time?

- A. One
- B. Eight
- C. Four
- D. Five

Answer: B



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37. In which of the following cartilaginous ring support will not be observed?

- A. Secondary bronchi
- B. Trachea
- C. Initial bronchioles
- D. Respiratory bronchioles

Answer: D



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38. Enzyme recombinase has a significant role during the gamete formation. In which phase is it active?

- A. prophase - I
- B. prophase - II

C. metaphase - I

D. anaphase - II

Answer: A



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39. Determine the organelle that will regulate the osmotic expansion of a cell depending on the surrounding water potential.

A. mitochondria

B. vacuoles

C. plastids

D. ribosomes

Answer: B



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40. Determine the correct match for the given columns.

Column I

Column II

- | | |
|-------------------------|-------------------------------|
| (a) Hyperparathyroidism | (i) Saltwater balance |
| (b) Oxytocin | (ii) Milk let down |
| (c) Aldosterone | (iii) Demineralization |
| (d) Luteinizing hormone | ((iv) Maintains corpus luteum |

A. a - ii , b - i , c - iii , d - iv

B. a - iii, b - ii , c - iv , d - iv

C. a - ii , b - iii , c - iv , d - i

D. a - i , b - iv , c - iii , d - ii

Answer: B



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41. For an ecosystem, the two main structural features are-

(i) species composition

(ii) Energy flow

(iii) Decomposition

(iv) Stratification

A. I and iv only

B. ii and iii only

C. i only

D. ii , iii and iv only

Answer: A



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42. Select the correct combination of materials which make up the 0.1% impurities of wastewater composition.

(a) Suspended solids	(i) Nitrate, NH_3 , sodium, calcium and phosphate
(b) Colloidal material	(ii) Faecal matter, bacteria, cloth and paper
(c) Dissolved material	(iii) Sand, silt and clay

A. (a) - (i) , (b) - (ii) , (c) - (iii)

B. (a) - (iii) , (b) - (ii) , (c) - (i)

C. (a) - (ii) , (b) - (iii) , (c) - (i)

D. (a) - (i) , (b) - (iii) , (c) - (ii)

Answer: B



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43. Which of the following species is probably vegetarian with a brain capacity between 650 - 800 cc ?

A. Australopithecus

B. Lucy

C. Homo habilis

D. Java Man

Answer: C



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44. Select the correct statement with respect to disease.

- A. Injection of snake antivenom against snakebite is an example of active immunisation.
- B. Certain protozoans have been used to produce Hepatitis - B vaccine
- C. If B and T - lymphocytes are destroyed due to an unknown reason, the body will not be able to produce antibodies against a pathogen
- D. Injection of dead / inactivated pathogen causes passive immunity.

Answer: C





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45. In mammals, the testes occur in scrotal sacs outside the viscera because of the

- A. spermatogenesis requires a lower temperature.
- B. mammals are highly evolved animals.
- C. of the presence of a long vas deferens.
- D. of limited space due to the presence of urinary bladder.

Answer: A



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46. Select the one that is not related to osteoarthritis.

- A. In osteoarthritis, large weight - bearing joints are affected.
- B. The articular cartilages get eroded.
- C. It is a degenerative joint disease occurring in the late middle age.
- D. It is caused due to excessive formation of uric acid.

Answer: D



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47. Select the statement that correctly relates to biogas and sewage treatment process.

- A. Activated sludge sediment in settlement tanks of the sewage treatment plants is a rich source of aerobic bacteria.
- B. Biogas is produced by the activity of aerobic bacteria on animal waste.
- C. Methanobacterium is an aerobic bacterium found in rumen of cattle's
- D. Biogas, commonly called gobar gas is pure methane.

Answer: A



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48. On translation , mRNA produce a polypeptide chain , which contains 50 amino acids. if 26th codon of mRNA UUU mutated and changed to UUC , then the polypeptide chain will be

- A. Completely changed
- B. Partially changed
- C. Not changed
- D. only one amino acid changed

Answer: C

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49. Which of the following represents the floral characters of Liliaceae

- A. Six tepals, zygomorphic, six stamens, bilocular ovary, axile placentation
- B. Tetramerous, actinomorphic, polyphyllous, unilocular ovary. Axile placentation
- C. Trimerous, actinomorphic, polyandrous, superior ovary , axile placentation
- D. Bisexual , zygomorphic , gomophyllous , inferior ovary , axile placentation

Answer: C



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50. In the limbic system , we will find -

(i) Hippocampus

(ii) pons

(iii) Amygdala

(iv) Cerebellum

A. (i), (iii) , (iv)

B. (i), (iii)

C. (iii), (iv)

D. (i), (ii) , (iii)

Answer: B



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51. Approximately how much percent of insects are phytophagous?

A. 15

B. 25

C. 35

D. 60

Answer: B



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52. The chemiosmotic coupling hypothesis of oxidative phosphorylation proposes that adenosine triphosphate (ATP) is formed because

- A. High energy bonds are formed in mitochondrial proteins
- B. ADP is pumped out of the matrix into the intermembrane space
- C. A proton gradient forms across the inner membrane
- D. There is a change in the permeability of the inner mitochondrial membrane toward Adenosine Diphosphate(ADP)

Answer: C



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53. Individuals suffering from phenylketonuria lack an enzyme required for the conversion of

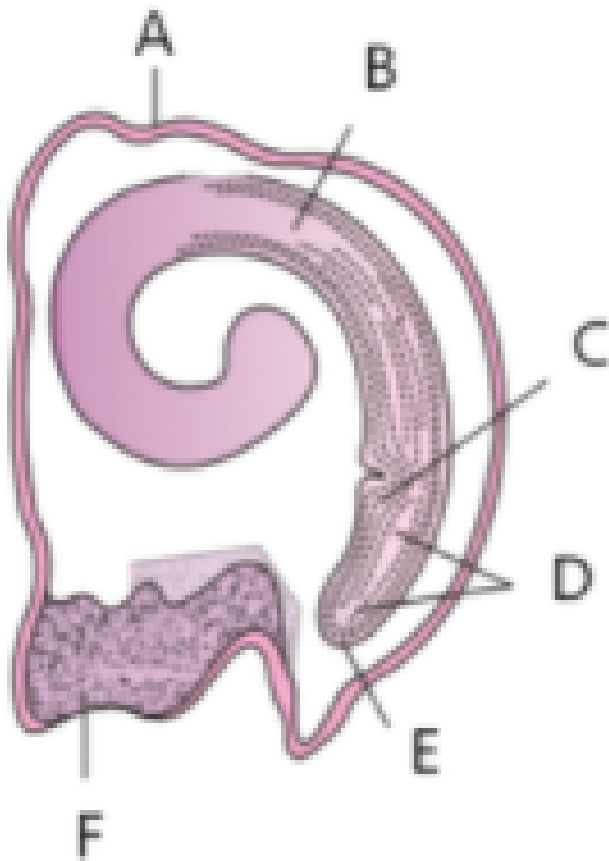
- A. tyrosine to phenylalanine
- B. phenylalanine to tyrosine
- C. phenylalanine to phenylpyruvic acid
- D. phenylpyruvic acid to phenylalanine

Answer: B



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54. With respect to the seed diagram given below . Choose the option with the correct labelling .



A. A - cotyledon , D - root tip

B. B - shoot apical meristem , C - endosperm

C. D- epicotyl root axis , F - seed coat

D. B - cotyledon , D - hypocotyl root axis

Answer: D



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55. Consider two plots , where plot 'X' is having less species compared to plot 'Z', Select the true statement regarding X and Z .

A. Plot 'X' shows less year to year variation in total biomass

B. Plot 'Z' is less resistant to natural disturbance

C. Plot, 'X' has more productivity than plot 'X'

D. Plot 'Z' has more productivity then plot 'X'

Answer: D



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56. Which of the following is not correct regarding sexual reproduction ?

A. conidiospores

B. sporangiospores

C. zoospores

D. zygospor

Answer: D



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57. Which of the following is an example of unicellular glandular cells?

- A. Cells of salivary gland
- B. Goblet cells alimentary canal
- C. Cells of inner lining of ducts of salivary glands
- D. Cells on the moist surface of buccal cavity

Answer: B



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58. What is the requirement for having sampling ports in a bioreactor?

- A. Withdrawing small volumes of culture periodically
- B. Introduction of raw material
- C. pH control system
- D. Temperature control system

Answer: A



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59. What kind of filaments are cilia and flagella composed of?

A. microtubules

B. microfilaments

C. microfibrils

D. microvilli

Answer: A



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60. Following are events taking place for blood glucose regulation -

(i) increase in blood glucose

(ii) increase in circulating from glucagon

(iii) release of glucose from glycogen

(iv) decrease in blood glucose level

Select the option depicting the correct sequence of these events.

A. (iv), (iii) , (ii) , (i)

B. (iii), (i) , (ii) , (iv)

C. (iv), (ii) , (iii) , (i)

D. (i), (ii) , (iv) , (iii)

Answer: C



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61. In how many trophic levels can humans function in a food chain ?

A. 4

B. 3

C. 2

D. 1

Answer: B



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62. Zosterophyllum is an ancestor of

A. Bryophytes

B. Lycopods

C. Ferns

D. Ginkgos

Answer: B



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63. The patient is given an anti-venom injection for snakebite is a classic example of

- A. Active immunization
- B. Passive immunization
- C. Innate immunization
- D. All of these

Answer: B



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64. During the initial days of lactation the milk produced is termed as

A. Colostrum

B. Baby's milk

C. Rostrum

D. Cholesterum

Answer: A



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65. In eukaryotes, RNA polymerase II transcribes

- A. the precursor of tRNA
- B. the precursor of mRNA
- C. the precursor of snRNA
- D. the precursor of rRNA

Answer: B



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66. Sweet potato is homologous to

- A. Potato

B. Colocasia

C. Ginger

D. Maize

Answer: D



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67. Apical dominance can be removed by

A. Apexotomy

B. Decapitation

C. Deapexation

D. Capitation

Answer: B



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68. On which of the following is the artificial system of classification based?

A. Habit, colour, number and shape of leaves

B. Androecium structure

C. Cytological information such as chromosome number structure

D. Both (A) and (B)

Answer: D



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69. Sickle-cell anaemia is caused by a substitution mutation. At this sixth position of haemoglobin, due to this mutation

- A. basic amino acid is replaced by acidic amino acid
- B. acidic amino acid is replaced by basic amino acid
- C. acidic amino acid is replaced by acidic amino acid
- D. acidic amino acid is replaced by neutral amino acid

Answer: D

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70. Identify the incorrect statement regarding the action of RU- 486

- A. Blocks the action of progesterone essential for implantation of embryo
- B. It is antagonistic to estrogen
- C. Leads to death of embryo followed by spontaneous abortion
- D. Inhibit the release of hCG from placenta

Answer: B



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71. In the electron transport chain , the cytochrome where the terminal oxidation takes place is

- A. Cyt b
- B. Cyt a_3
- C. Cyt a
- D. Cyt c

Answer: B



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72. What is the approximate diameter of pollen grains in nanometers ?

A. 0.00025 - 0.0005

B. 2500 - 5000

C. 25 - 50

D. 25000 - 50000

Answer: D



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73. Which of the following diseases are a mismatch ?

A. Bacteria : Black rot of crucifers and late blight of
potato

B. Fungi : Brown rust of wheat and red rot of sugarcane

C. Virus: Tobacco mosaic and turnip mosaic

D. Both (A) and (B)

Answer: A



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74. According to the ABO system , the commonest blood group in the human population is (X) while the rarest blood group is (Y) . If the wife has (X) blood group and the husband has (Y) blood group , their children will have which of the following blood groups ?

A. AB and O groups only

B. AB only

C. A and B groups only

D. All four groups

Answer: C



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75. Cockroaches are type of insect belonging to the phylum Arthropoda and these are dioecious . Their body is divided into segments and further into larger parts . Both male cockroach and female cockroach have abdomen that

has how many segments ?

	Male Cockroach	Female Cockroach
<i>I</i>	10	10
<i>II</i>	10	12
<i>III</i>	12	10
<i>IV</i>	06	06

A. I

B. II

C. III

D. IV

Answer: A



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76. In Citrus , apomictic embryos are observed which arise from

- A. diploid egg
- B. synergids
- C. maternal sporophytic tissue in ovule
- D. antipodal cells

Answer: C



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77. Match the organisms to their respective classes .

Column I

Column II

(i) Rhizopus

(a) Deuteromycetes

(ii) Ustilago

(b) Phycomycetes

(iii) Aspergillus

(c) Basidiomycetes

(iv) Colletotrichum

(d) Ascomycetes

A. i - c , ii - d , iii - a , iv - b

B. i - b , ii - c , iii - d , iv - a

C. i - d , ii - c , iii - b , iv - a

D. i - b , ii - d , iii - a , iv - c

Answer: B



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78. Which of the following describes the elution process correctly for genetic engineering that follows gel electrophoresis ?

- A. The separated band from DNA is exposed to UV radiations .
- B. The separated band from DNA are cut out from the gel and extracted from the gel piece.
- C. Separation of the recombinant protein from recombinant cell .
- D. The separated band from DNA fragment can be visualized by ethidium bromide.

Answer: B

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79. Correctly match the column I with column II

	Column I		Column II
a.	Aleurone layer	i.	Without fertilization
b.	Parthenocarpic fruit	ii.	Nutrition
c.	Scutellum	iii.	The scar on the seed coat
d.	Hilum	iv.	Cotyledon in monocot seed

A. a-i, b - ii , c - iii , d - iv

B. a-ii, b - i , c - iv , d - iii

C. a - iv , b - ii , c - i, d -iii

D. a-ii, b - iv , c - i , d - iii

Answer: B



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80. Which of the following is incorrect regarding the function of gibberellins ?

- A. Bolting in beet , cabbages etc.
- B. Spraying juvenile conifers with GA delays the maturity period thereby delaying their seed production.
- C. Elongation of apples and improve its shape
- D. Used to speed up the malting process in brewing industry.

Answer: B



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81. In Bryophyte , the main plant body will be

- A. Haploid and produces gamete
- B. Diploid and produces gamete
- C. Haploid and produces spores
- D. Diploid and produces spores

Answer: A



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82. To determine the heterozygous condition of an individual , it is crossed with the homozygous recessive counterpart .Such a cross is known as

- A. Reciprocal cross
- B. Dihybrid cross
- C. Test cross
- D. Back cross

Answer: C



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83. Select the incorrect pair.

- | | | |
|----|--------------------|------------------------|
| | Organism | Mode of multiplication |
| A. | Agave, Oxalis | Bulbils |
| | Organism | Mode of multiplication |
| B. | Amoeba, paramecium | Binary fission |
| | Organism | Mode of multiplication |
| C. | Chlamydomonas | Sporangiospores |
| | Organism | Mode of multiplication |
| D. | Ginger, Banana | Rhizome |

Answer: C



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84. Which of following is incorrect regarding the figure shown below?



- A. These devices are inserted by doctors or expert nurses in the uterus through vagina.
- B. The device is copper releasing which suppress sperm motility
- C. It is an ideal contraceptive for female .

D. It decreases phagocytosis of sperms and makes uterus suitable for implantation.

Answer: D



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85. Which of the following mineral ion is used in the activation of enzymes responsible for respiration and photosynthesis?



Answer: B



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86. How many nuclei is/are present in a fully developed male gametophyte?

A. One

B. Two

C. Three

D. Four

Answer: C



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87. Which of these epithelial doesn't help in secretion and absorption?

- A. Simple squamous epithelium
- B. Simple cuboidal epithelium
- C. Simple columnar epithelium
- D. All of these

Answer: A



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88. The 'Order' for the group of families elide and Canidae is.....(i)..... while Convolvulaceae Solanaceae come under the

order(ii).....

- A. (i) - Primata , (ii) - Poales
- B. (i) - Carnivora , (ii) - Polymonials
- C. (i) - Mammalia , (ii) - Dicotyledonae
- D. (i) - Chordata , (ii) - Angiospermae

Answer: B



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89. Which statements relate correctly for imbibition and osmosis?

- A. Water movement is along concentration gradient

B. It is an active process

C. Water movement is against concentration gradient

D. Both (B) and (C)

Answer: A



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90. The percentage proportion of homozygous parents in the F_2 generation of a monohybrid cross isthe percentage proportion of homozygous parents in the F_2 generation of a dihybrid cross

A. is same as

B. is greater than

C. is lesser than

D. may be same greater but never lesser than

Answer: B



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