



## BIOLOGY

### BOOKS - NTA MOCK TESTS

#### NTA NEET SET 82

#### Biology

1. An amino acid that has a single hydrogen atom as its side chain is .....  
in nature

- A. acidic
- B. basic
- C. neutral
- D. none of these

**Answer: C**



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2. The lymph collected from the body finally enters

- A. sub-clavian artery which is situated just below the heart
- B. sub-clavian artery which is situated above the heart
- C. sub-clavian vein which is situated just below the heart
- D. sub-clavian vein which is situated just above the heart

**Answer: D**



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3. During inspiration ,

- A. diaphragm contracts and become dome shaped
- B. diaphragm contracts and become flat
- C. diaphragm relaxes and become dome shaped

D. diaphragm relaxes and become flat

**Answer: B**



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4. Select the CORRECT statement from the following.

- A. During mitosis, endoplasmic reticulum and nucleolus disappear completely at early prophase
- B. Chromosomes are arranged along the equator during prophase
- C. Chromosomes is made up of two sister chromatids at anaphase of mitosis .
- D. A cell plate is laid down during interphase

**Answer: C**



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5. Peroxisomes are associated with

- A. respiration
- B. Photosynthesis
- C. Photorespiration
- D. Photophosphorylation

**Answer: C**



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6. Choose the CORRECT statement amongst the following.

- A. During the time of stress , cortisol acts as an anabolic hormone in muscle and adipose tissue
- B. The posterior pituitary is connected to hypothalamus by a portal system

C. Prolonged lack of iodine has a significant effect on thyroxine secretion

D. Injection of calcitonin causes hypocalcaemia

**Answer: C**

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7. Match the columns.



A. A- iii , B- i , C-ii ,D - iv

B. A- iii , B- i , C-iv ,D - ii

C. A- ii , .B- i , C -iv,D - iii

D. A- iii , B- ii ,C-iv ,D - i

**Answer: B**

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8. The frequency of two alleles in a gene pool is 0.19 (A) and 0.8 (a) .

Assume that the population is in Hardy-Weinberg equilibrium and

(a) Calculate the percentage of heterozygous individuals in the population.

(b) Calculate the percentage of homozygous recessive in the population .

A. 60 % and 40 %

B. 66 % and 31 %

C. 40 % and 60 %

D. 31 % and 66 %

**Answer: D**



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9. Which of the following disease is caused by a virus transmitted through a bite of infected mosquito ?

A. Plague

B. Filariasis

C. Dengue

D. Ascariasis

**Answer: C**



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**10.** Arrange the following events occurring in the ovary in the CORRECT sequence

a. The antrum is formed .

b. Formation of a first tiny polar body .

c. The primary follicles get surrounded by more and more layers of granulosa cells.

d. The primary oocytes is arrested in prophase - I of the meiotic division .

A. d,a b and c

B. a,c,d and b

C. d,a, c and b

D. d ,c ,a and b

**Answer: D**



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**11.** The figure shows four animals (A), (B) ,(C) and (D) . Select the incorrect answer with respect to a common characteristic of these animals .



A. Tapeworm - False segmentation, triploblastic

B. Aurelia - Polyp form , stinging capsules are present on body.

C. Octopus - Body is unsegmented

D. Prawn - They have jointed appendages

**Answer: B**



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12. Which of the following. Options about sites of digestion is CORRECT ?

A. 

	Mouth	Stomach	Small Intestine
Digestion of Carbohydrates	✓	✓	✓

B. 

	Mouth	Stomach	Small Intestine
Digestion of Proteins	✓	✗	✓

C. 

	Mouth	Stomach	Small Intestine
Digestion of Fats	✗	✓	✓

D. 

	Mouth	Stomach	Small Intestine
Digestion of Nucleic Acids	✗	✗	✓

**Answer: D**

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13. Which of these statements about sphincters of urethra is CORRECT ?

A. Internal urethral sphincter is made up to smooth muscles while external urethral sphincter is made up of striated muscles.

- B. Internal urethral sphincter is made up to striated muscles while external urethral sphincter is made up of smooth muscles.
- C. Both Internal and external urethral sphincter is made up to smooth muscles.
- D. Both Internal and external urethral sphincter is made up to striated muscles.

**Answer: A**



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**14.** The ventral diaphragm of cockroach is present in between

- A. Thorax and abdomen
- B. Pericardial and perivisceral sinuses
- C. perivisceral and Perineural sinuses
- D. Pericardial and Perineural sinuses

**Answer: C**



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**15.** The trigeminal nerve arises from the brain in the region of

- A. Pons and divides into ophthalmic , maxillary and mandibular branches.
- B. Medulla and divides into palatine , chorda tympani and hyomandibular branches.
- C. Cerebellum and divides into palatine , chorda tympani and hyomandibular branches.
- D. Cerebellum and divides into ophthalmic , maxillary and mandibular branches.

**Answer: A**



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16. Which of the following statements regarding metabolic pathways is incorrect?

- A. Many of the steps of glucolysis can run in reverse.
- B. Starch, sucrose or glycogen must be hydrolysed before it can enter the glucolysis.
- C. After fats are digested, glycerol enters glucolysis by forming DHAP.
- D. After fat digestion, fatty acids can no longer participate in cellular respiration .

**Answer: D**



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17. Which methods of birth control need a prescription ?

- A. Birth control pill

B. Condoms

C. Spermicides

D. Diaphragm

**Answer: A**



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**18.** Calculate the number of weak hydrogen bonds in a DNA strand  $204\text{\AA}$  long with 15% thymine bases.

A. 154

B. 162

C. 138

D. 120

**Answer: B**



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19. Match the following with the types of leucocytes and their function.

- (P) Neutrophils      (A) Heparin and Histamine  
(Q) Basophils        (B) Antibody formation  
(R) Acidophils        (C) Anti- allergic  
(S) Lymphocytes      (D) Phagocytes

A. P – (D), Q – (A), R – (C), S – (B)

B. P – (A), Q – (D), R – (C), S – (B)

C. P – (C), Q – (D), R – (B), S – (A)

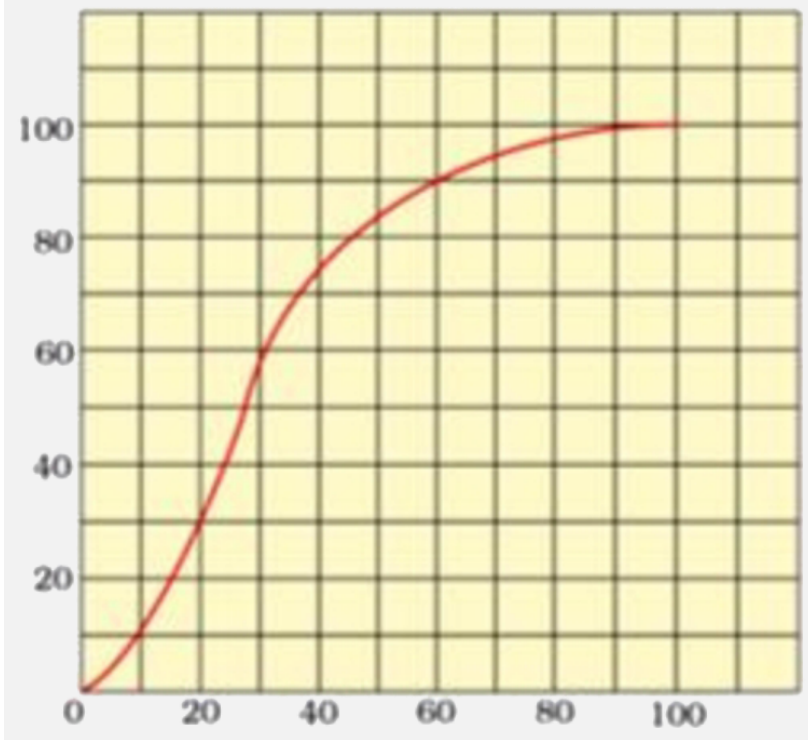
D. P – (B), Q – (A), R – (C), S – (D)

**Answer: A**



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20. The following is an oxygen dissociation curve. The character depicted on the axes are



A. X axis : partial pressure gradient of oxygen in mm Hg and

Y axis: saturation of haemoglobin with oxygen

B. X axis : saturation of haemoglobin with oxygen and

Y axis: partial pressure gradient of oxygen in mm Hg

C. X axis : percentage saturation of haemoglobin with oxygen and

Y axis : partial pressure gradient of oxygen in mm Hg

D. X axis : partial pressure gradient of oxygen in mm Hg and

Y axis: percentage saturation of haemoglobin with oxygen

**Answer: D**



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21. Which is unique to mitosis and does not occur in meiosis ?

A. Homologous chromosomes cross over

B. Homologous chromosomes pair and form bivalents

C. Homologous chromosomes behave independently

D. Formation of biphasic plate at metaphase

**Answer: C**



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22. Which is essential for root hair growth

Or

The mineral present in cell wall is

A. K, Mg and Ca

B. Na , k and Mg

C. Ca,Fe and CO<sub>3</sub>

D. Mn,Ca and Fe

**Answer: C**



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23. Alcohol inhibits the secretion of

A. ADH

B. Insulin

C. Oxytocin

D. Progesterone

**Answer: A**



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24. The sum total of genes of all the individuals in a Mendelian population constitutes

A. gene pool

B. gene flow

C. genetic drift

D. genotype

**Answer: A**



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25. Physiological barriers prevent microbial growth in our human body include all , except

- a. Tears
- b. Skin
- c. Interferons
- d. Saliva
- e. Acid in stomach
- f. Epithelium of urinogenital tract

A. a, b, & f

B. a, d & e

C. c, e & f

D. b,c & f

**Answer: D**



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26. In human male testes , the regions outside the seminiferous tubules are called interstitial spaces, and they contain

- A. Immunologically competent cells
- B. Leydig cells
- C. Sertoli cells
- D. Both (A) & (B)

**Answer: D**



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27. Which of these is inserted into the female reproductive tract to provide contraception by blocking passage of sperms ?

- A. Lippe's loop
- B. Mala-D
- C. Cervical cap

D. Saheli

**Answer: C**



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**28.** Which one of the following is not a characteristic of phylum Annelids?

- A. Segmented
- B. Mesodermal patches between ectoderm
- C. Ventral nerve cord
- D. Closed circulatory system

**Answer: B**



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**29.** In majority of nephrons in humans, the loop of Henle is

A. too short and extends only very little into the cortex.

B. too long and extends very deep into the cortex.

C. too short and extends very little into the medulla.

D. too long and extends very deep into medulla.

**Answer: C**



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**30.** Which one the following statements is Not correct ?

A. Rhodopsin is the purplish red protein present in rods only.

B. Retinal is the light absorbing portion of Vishal photo pigments.

C. In retina , the roda have the photo pigment rhodopsin while cones have three different photopigments.

D. Retinal is a derivative of vitamin C

**Answer: D**



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31. Which of the following are isomers ?

- A. 3PGA and 2PGA
- B. PGAL and DHAP
- C. Glucose and Fructose
- D. All of these

**Answer: D**



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32. The matrix of bone is hard due to ...A ... while that of cartilage is pliable due to ...B .....

- A. *A*                      *B*  
Calcium salts    Chondroitin salts
- B. *A*                      *B*  
Calcium salts    Hyaluronic acid A

- C. *A* Chondroitin Sulphate *B* Hyaluronic acid
- D. *A* Chondroitin Sulphate *B* Calcium salts

**Answer: A**

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**33.** The molecular formula of tripalmitin is

- A.  $C_{51}H_{98}O_6$
- B.  $C_{54}H_{100}O_7$
- C.  $C_{57}H_{102}O_8$
- D.  $C_{61}H_{104}O_{10}$

**Answer: A**

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34. Elaioplasts store

- A. fats
- B. starch
- C. Proteins
- D. essential amino acids

**Answer: A**



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35. The amino acid derivative among the following hormone is

- A. insulin
- B. epinephrine
- C. estradiol
- D. testosterone

**Answer: B**



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**36.** A population is in Hardy-Weinberg equilibrium for a gene with only 2 alleles . If the gene frequency of an allele A is 0.7 , the genotypic frequency of homozygous recessive individuals will be

A. 0.49

B. 0.42

C. 0.09

D. 0.9

**Answer: C**



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**37.** Use of Cannabis products results in

A. Alteration in perception , thoughts , feelings .

B. Depressed brain activity.

C. Suppressed brain function and pain relief .

D. Stimulation of nervous system , increase alertness and activity .

**Answer: A**



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**38.** The last part of the oviduct which has a narrow lumen and joins the uterus is

A. infundibulum

B. ampulla

C. Fimbriae

D. isthmus

**Answer: A**

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**39.** Among the seven pairs of contrasting traits in pea plant as studied by Mendel, the number of traits related to flower, pod and seed respectively were

A. 2,2,2

B. 2,2,1

C. 1,2,2

D. 1,1,2

**Answer: A**

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**40.** Male nucleus fuses with female nucleus during fertilization in Angiosperms as

- A. they possess two sets of different charges
- B. they possess two sets of different genome
- C. they are different in size and shape
- D. hormones compel them to fuse

**Answer: A**

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**41.** Select the incorrect statement regarding the anatomy of a typical monocotyledonous stem

- A. Phloem parenchyma is absent.
- B. Vascular bundles are scattered , conjoint , collateral and closed .
- C. Each vascular bundle is surrounded by a bundle sheath .
- D. Ground tissue is differentiated into cortex, endodermis , pericycle and pith .

**Answer: D**



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**42.** All eukaryotic unicellular organisms belong to the kingdom

A. Monera

B. Protista

C. Fungi

D. Animalia

**Answer: B**



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**43.** Read the given Statements .

(i) A motor neuron along with the muscle fibres connected to it constitutes a neuromuscular junction.

(ii) During muscles relaxation ,  $Ca^{++}$  are pumped back from sarcoplasm to the cisternae.

(iii) Aerobic muscles have a large number of Mitochondria to utilize a large amount of oxygen for generation of ATP.

(iv) Red muscles have high myoglobin content.

Which of these is/are INCORRECT ?

A. i only

B. i,ii, iv

C. iii, iv

D. None of these

**Answer: A**



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**44.** Read the following matches regarding the placentation

(i) Primrose - Free central

(ii) Pea - Marginal

(iii) Marigold - Basal

(iv) Mustard - Axile

Which of these are correct ?

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

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

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

D. (ii) and (iii) only

**Answer: A**



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**45.** Which is CORRECT for the fern Dryopteris ?

A. Sporophyte is partially dependent on gametophyte

B. Sporophyte is independent

C. Gametophyte is independent



D. Both (B) and (C)

**Answer: D**



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**46.** What is the correct order in decreasing size in taxonomic hierarchy ?

- A. Kingdom , phylum, class , order , family, genus and species
- B. Kingdom , phylum, class , order , family, species and genus.
- C. Kingdom , phylum, class ,species, order, family and genus.
- D. Kingdom, species , phylum, class , order, family and genus .

**Answer: A**



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**47.** The loss of biodiversity in a region may lead to

- A. Decline in plant production
- B. Lowered resistance to environmental perturbations such as drought
- C. Increases variability certain ecosystem processes such as plant productivity , water use and pest and disease cycles
- D. All of the above

**Answer: D**



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**48.** Cry-gene which synthesizes crystal protein isolated from:

- A. *Bacillus thuringiensis*
- B. *Rhizobium*
- C. *Bacillus polymyxa*
- D. *Clostridium*

**Answer: A**



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**49.** Often in water bodies subjected to sewage pollution, fishes die because of the:

- A. foul smell
- B. Pathogens in the sewage
- C. Clogging of the gills by solid particles
- D. reduction in dissolved oxygen caused by microbial activity

**Answer: D**



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**50.** Which of the following techniques is used to check the progression of restriction enzyme digestion ?

A. RFLP

B. PCR

C. Agarose gel electrophoresis

D. Genetic printing

**Answer: C**



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51. Amount of living material present in different trophic levels at a given time is called .

A. Standing state

B. Standing crop

C. Gross primary productivity

D. Net primary productivity

**Answer: B**

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52. Match the columns



A. i - s , ii - r , iii - q , iv - p

B. i - r , ii - p , iii - s , iv - q

C. i - r , ii - s , iii - p , iv - q

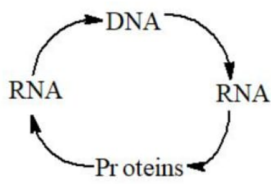
D. i - q , ii - p , iii - s , iv - r

Answer: C

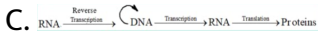
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53. Identify the mechanism of the flow of genetic in HIV

A.  $\text{DNA} \xrightarrow{\text{Transcription}} \text{RNA} \xrightarrow{\text{Translation}} \text{Proteins}$



B.



**Answer: C**

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**54.** In order for the human population to achieve zero population growth which of the following must occur ?

- A. There must be more post reproductive individuals that reproductive individuals
- B. There must be more prereproductive than reproductive individuals
- C. There must be the Same number or fewer prereproductive individuals as there are reproductively individuals

D. All of the above

**Answer: C**



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55. Andalusian fowls have two pure forms - black and white. If black forms (BB) and white forms (WW) are crossed  $F_1$  individuals appear blue coloured (BW), due to incomplete dominance. Which of the following would be an outcome of a cross between black form and blue form ?

A. 1 Black : 2 Blue : 1 white

B. 2 Black : 1 Blue

C. 1 Black : 2 Blue

D. 1 Black : 1 Blue

**Answer: D**



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56. The capacity for generating an entirely new individual from a piece of tissue is called

- A. Sporulation
- B. budding
- C. encystation
- D. fragmentation

**Answer: D**



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57. Megaspore mother cell originates from :

- A. Superficial layer of nucellus
- B. hypodermal cell of nucellus
- C. inner layer of integument
- D. Outer layer of integument

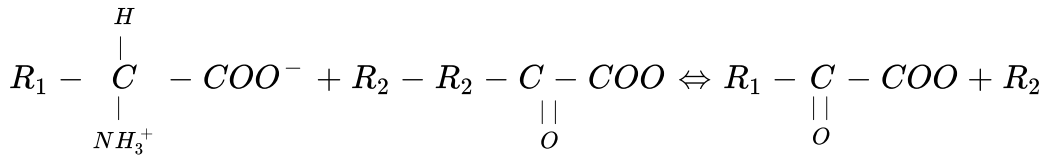


**Answer: B**



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**58.** Refer the given reaction . What does it depict ?



A. Oxidative animation

B. Reductive animation

C. Transamination

D. Deamination

**Answer: C**



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59. Ribulose biphosphate carboxylase oxygenase ( RuBisCO) enzyme catalyzes the reaction between

- A. Oxaloacetic acid and acetyl CoA
- B.  $CO_2$  and ribulose 1,5 biphosphate
- C. Ribulose biphosphate and phosphoglyceraldehyde
- D. PGA and dihydroxyacetone phosphate

**Answer: B**



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60. Which statements are correct ?

- a - Cytokinins suppress the synthesis of chlorophyll
- b - Auxins control apical dominance
- c - Gibberellins promote shoot elongation
- d - Abscisic acid enables seeds to with-stand desiccation.

A. c and b only

B. b and c only

C. a and c only

D. b,c and d only

**Answer: D**



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**61.** Which of the following is not example of osmosis ?

A. Water passing from root hair to adjacent cells.

B. Water passing up a xylem element to anther element above it.

C. Water entering mesophyll cell from the xylem elements.

D. Water entering the root hair from the soil.

**Answer: B**



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62. In which of the following medium , callus should be placed to produce shoot ?

- A. Higher concentration of cytokinin ad lower concentration auxin
- B. Lower concentration of cytokinin and higher a centration of auxin
- C. Only cytokinin and no auxin
- D. Only auxin and no cytokinin

**Answer: A**



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63. First vascular plant is

- A. Thallophyta
- B. Bryophyta
- C. Pteridophyta

## D. Spermatophyta

**Answer: C**



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**64.** Select the correct statement regarding heterocysts.

- A. These are present in some filamentous cyanobacteria such as Nostoc and Anabaena.
- B. These cells are specialized to perform  $N_2$  - fixation.
- C. These cells contain enzyme nitrogenase.
- D. All of these

**Answer: D**



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65. Match the following and choose the CORRECT combination from the options given



A. A - 4, B - 3, C - 2, D - 1

B. A - 1, B - 2, C - 3, D - 4

C. A - 2, B - 3, C - 4, D - 1

D. A - 3, B - 4, C - 1, D - 2

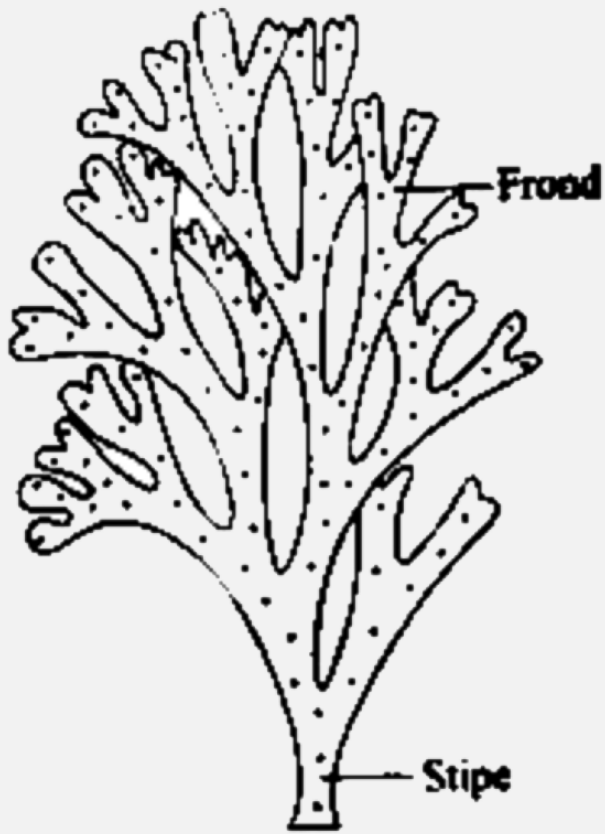
**Answer: A**

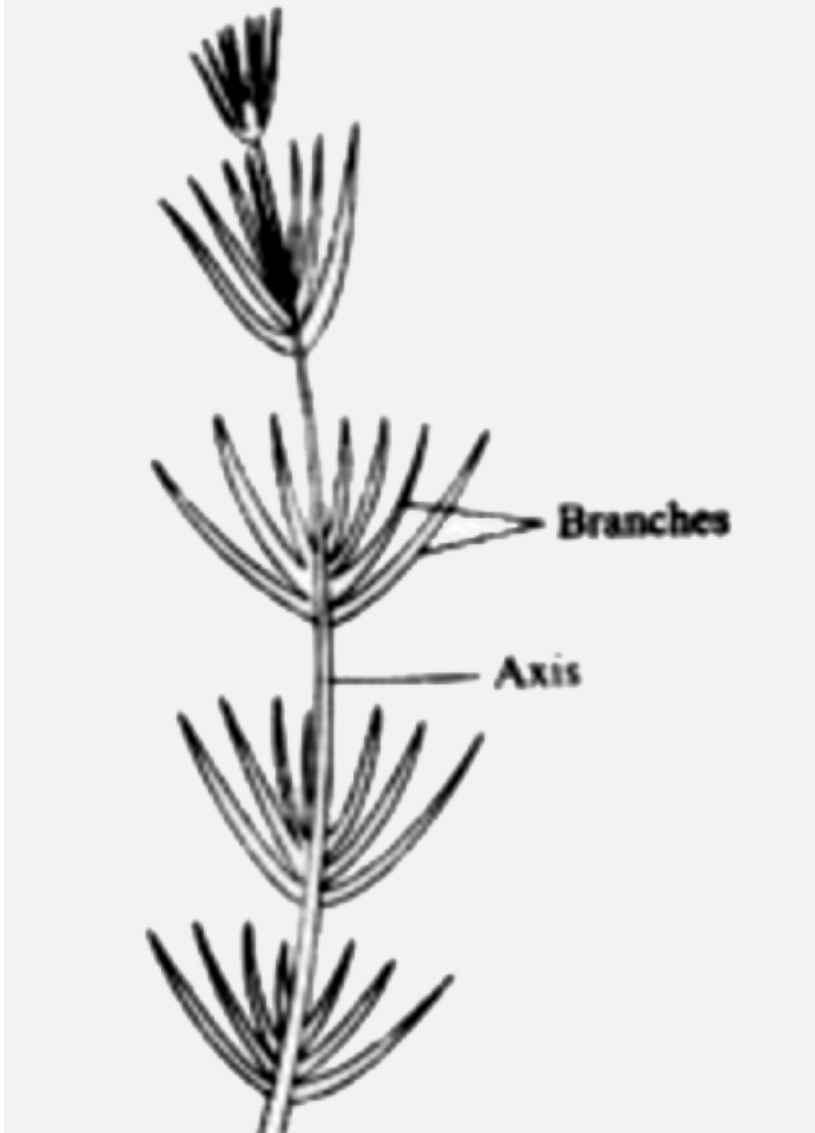


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66. Match the columns I and II, and choose the correct combination from the options given.

(a)





Find the CORRECT match.

A. a-i, b-ii , c- ii

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



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

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

**Answer: C**

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67. Which of the following is referred as "Evil Quartet" with reference to loss of biodiversity

A. Species richness , extinctions, deforestation , era

B. Habitat loss and fragmentation , over- exploitation , alien species invasion, co - extinction

C. Overexploitation , grazing , decomposition extinction

D. Habitat destruction , co - extinction, deforestation species richness

**Answer: B**

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68. A transgenic rice (Golden rice) has been developed for increased content of:

- A. Vitamin A
- B. Vitamin  $B_1$
- C. Vitamin C
- D. Vitamin D

**Answer: A**



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69. The vector requires a....., which helps in identifying selectively permitting the growth of transformants.

- A. selectable marker
- B. cloning sites

C. antibiotic resistance gene

D. bacteriophage

**Answer: A**



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70. In aquatic ecosystem, .....(i).....is the major conduit for energy flow, as against in the terrestrial ecosystem, a much larger fraction of energy flows through the .....(ii).....than .....(iii).....

A. (i) - GFC, (ii) - DFC , (iii) - GFC

B. (i) - DFC , (ii) - GFC , (iii) - DFC

C. (i) - GFC, (ii) - GFC , (iii) - DFC

D. (i) - DFC , (ii) - DFC , (iii) - GFC

**Answer: A**



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71. "Good ozone" is found in the

- A. mesosphere .
- B. troposphere
- C. stratosphere.
- D. ionosphere

**Answer: C**



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72. How many of the following statements are INCORRECT ?

- i. Microbes comprise of diverse organism like protozoa, bacteria, fungi and microscopic plants, viruses , viroids and also prions that are proteinaceous infectious agents.
- ii. Microbes like bacteria, viruses and many fungi can be grown on nutritive media to form colonies.

- iii. In our stomach, the LAB plays a very beneficial role in checking disease - causing microbes.
- iv. 'Toddy' , a traditional drink of some parts of southern India is made by fermenting sap from sugarcane.

- A. Two
- B. Three
- C. One
- D. Four

**Answer: A**



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**73.** Read the following statements (i) to (iv)

- (i) During transcription, adenine pairs with uracil.
- (ii) The human genome has about 98% of junk DNA.
- (iii) A human gene on an average contains 300 bps and there are about 30,000 genes in the human genome.

(iv) Y - chromosome of the human genome has the least number of genes , i.e., 321 in the human genome.

How many statements are CORRECT ?

A. 5

B. 4

C. 3

D. 2

**Answer: B**



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**74.** Select the CORRECT option :

- |                  |       |                            |
|------------------|-------|----------------------------|
| (1) Predation    | (i)   | Cattle and egret           |
| (2) Commensalism | (ii)  | Human and plasmodium vivax |
| (3) Parasitism   | (iii) | Fungi and bacteria         |
| (4) Amensalism   | (iv)  | Cat and rat                |

A. (1) (2) (3) (4)  
(ii) (i) (iv) (iii)

- B. (1) (2) (3) (4)  
(i) (iv) (iii) (ii)
- C. (1) (2) (3) (4)  
(iv) (i) (ii) (iii)
- D. (1) (2) (3) (4)  
(iii) (iv) (ii) (i)

**Answer: C**



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75. To determine the genotype of a tall plant of  $F_2$  generation, Mendel crossed this plant with a dwarf plant. This cross represents a

- A. test cross
- B. back cross
- C. reciprocal cross
- D. dihybrid cross

**Answer: A**



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76. Siphonogamy is characteristics of:

- A. All spermatophytes
- B. Only gymnosperms
- C. Only angiosperms
- D. Only pteridophytes

**Answer: A**



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77. Calving cycle operates in

- A.  $C_3$  plants ,  $C_4$  plants ,CAM plants
- B.  $C_3$  plants only
- C.  $C_4$  plants , CAM plants only
- D.  $C_3$  and  $C_4$  plants only

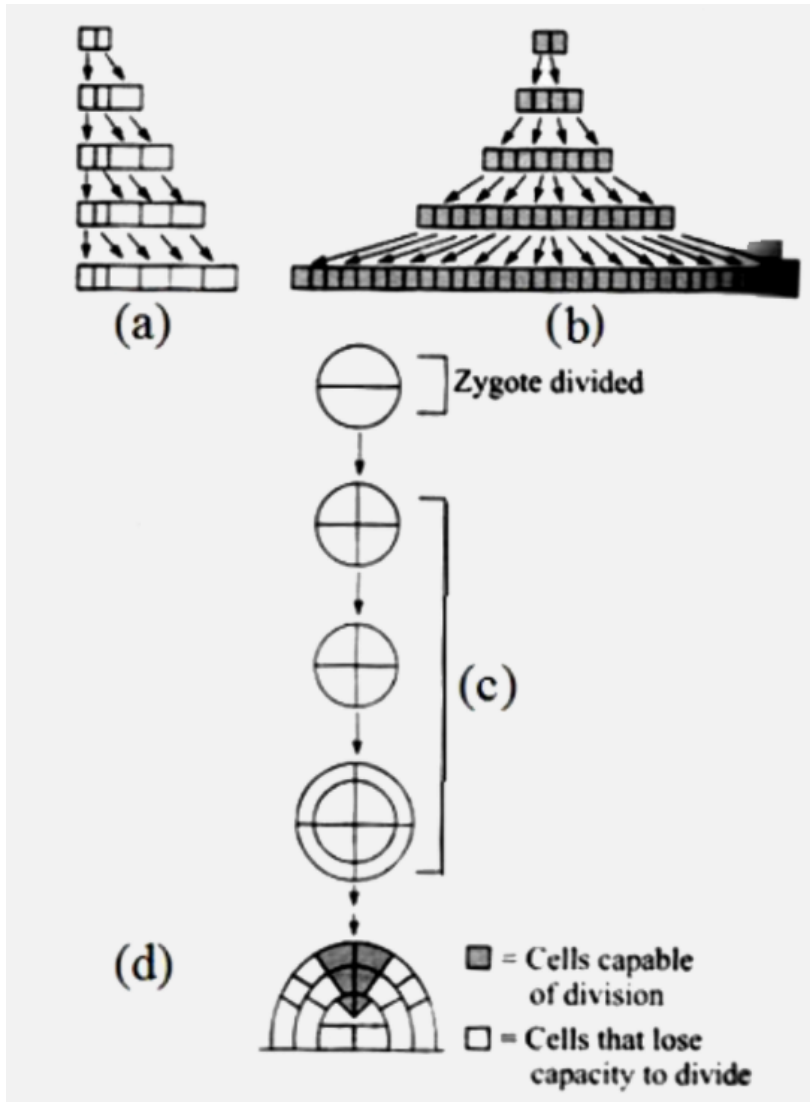


**Answer: A**



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78. Recognize the figure and find out the CORRECT labeling.



A. a and c - arithmetic , b and d - geometric

B. a and c - geometric , b and d - arithmetic

C. a and d - geometric , b and d - arithmetic

D. a and d - arithmetic , b and c - geometric

**Answer: D**



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79. True-breeding red-eyed *Drosophila* flies with plain thoraxes were crossed with pink-eyed flies with striped thoraxes

Red eye	×	Pink eye
Plain thorax		striped thorax

The  $F_1$  flies were then test crossed against the double recessive

The following  $F_2$  generation resulted from the cross :

80	16	12	92
Red eye	Red eye	Pink eye	Pink eye
Plain thorax	Striped thorax	Plain thorax	Striped thorax

What percentage number of recombinants resulted from the test cross ?

A. 12

B. 14

C. 16

D. 28

**Answer: B**



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80. \_\_\_\_ are important, decomposers that cause decay and decomposition of dead bodies of plants and animals.

A. Saprotrophic bacteria

B. Saprotrophic fungi

C. Earthworms

D. Both (A) and (B)

**Answer: D**



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81. Which one of the following diagrams represents the placentation in Dianthus

A. 

B. 

C. 

D. 

**Answer: D**



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82. The value of regression coefficient 'Z' is dependent on

A. Species richness

B. Area or region

C. Flora present in the habitat

D. Both A and B

**Answer: D**



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**83.** Statement - 1 : Biolistics method of gene transfer is an example of direct gene transfer.

Statement - 2 : In biolistics method , pBR322 is used.

- A. Statement -1 is true , Statement -2 is true, Statement -2 is not the correct explanation of Statement -1.
- B. Statement -1 is false , Statement -2 is true.
- C. Statement -1 is true , Statement -2 is false.
- D. Statement -1 is true , Statement -2 is true, Statement -2 is the correct explanation of Statement - 1.

**Answer: C**



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84. The fraction of energy lost when an organism proceeds from one trophic level to the next trophic level is

- A. 10 percent
- B. 20 percent
- C. 30 percent
- D. 90 percent

**Answer: D**



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85. Polypeptide chain in eukaryotes is initiated by codons coding for amino acid

- A. glycine
- B. leucine.
- C. methionine

D. lysine

**Answer: C**



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86. A child has blood group 'O'. If the father has the blood group 'A' and the mother has the blood group 'B' . What will be the genotypes of the parents ?

A.  $I^A I^A$  and  $I^B i$

B.  $I^A i^A$  and  $I^B i$

C.  $I^A i^A$  and  $ii$

D.  $ii$  and  $I^B I^B$

**Answer: B**



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87. In majority of angiosperms, pollens are discharged at:

- A. 2 - celled stage
- B. 3 - celled stage
- C. 7 - celled stage
- D. 8 - celled stage

**Answer: A**



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88. Cyanobacteria are classified under

- A. Monera
- B. Protista
- C. Algae
- D. Plantae

**Answer: A**



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**89.** Some of the dominant traits studied by Mendel were

- A. round seed shape , green seed colour nad axial flower position.
- B. terminal flower position , green pod colour and inflated pod shape .
- C. violet flower colour, green pod colour and round seed shape .
- D. wrinkled seed shape , yellow pod colour and axial flower position.

**Answer: C**



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**90.** Advanced oogamous sexual reproduction is found in:

- A. Bryophytes

B. Pteridophytes

C. Gymnosperms

D. More than one option is correct

**Answer: D**



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