BIOLOGY

BOOKS - ARIHANT NEET BIOLOGY (HINGLISH)

SOLVED PAPERS 2018

Solved Paper 2018 Neet

1. Oxygen is not produced during photosynthesis by

A. Cycas

B. Nostoc

C. Green sulphur bacteria

D. Chara

Answer: C

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2. Which of the following elements is responible for maintaining turgor in cells

A. Potassium

B. Sodium

C. Magnesium

D. Calcium

Answer: A

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3. What is the role NAD^+ in cellular respiration ?

A. It is a nucleotide source of ATP synthesis

B. It functions as an electron carrier

C. It functions as an enzyme

D. It is the final electron acceptor for anaerobic respiration

Answer: B

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4. In which of the following forms is iron absorbed by plants

A. Free element

B. Ferrous

C. Ferric

D. both ferric and ferrous

Answer: C

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5. The two functional groups characteristic of sugars are

A. Carbonyl and phosphate

B. carbonyl and methyl

C. Hydroxyl and methyl

D. Carbonyl and hydroxyl

Answer: D

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6. Which among the following is not a prokaryote

A. Nostoc

B. Mycobacterium

C. Saccharomyces

D. Oscillatoria

Answer: C

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7. The Golgi complex participates in

A. respiration in bacteria

B. formation of secretory vesicle

C. fatty acid breakdown

D. activation of amino acid

Answer: B

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8. Which of the following is not a product of light reaction of phtosynthesis

A. NADPH

B. NADH

C. ATP

D. Oxygen

Answer: B

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9. Which of the following is true for nucleous?

A. It takes part in spindle formation

B. It is a membrane-bound structure

C. Larger nucleoi are present in dividing cells

D. It is a site for active ribosomal RNA synthesis

Answer: D

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10. Stomatal movement is not affected by

A. O_2 concentration

B. Light

C. Temperature

D. CO_2 concentration

Answer: A

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11. Stomata in grass leaf are

A. rectangular

B. kidney-shaped

C. dumb-beII-shaped

D. barrel-shaped

Answer: C

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12. Secondary xylem and phloem in dicot stem are produced by

A. phellogen

B. vascular cambium

C. apical meristems

D. axillary merstems

Answer: B

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13. Pneumatophores occur in

A. carnivorous plants

B. free-floating hydrophytes

C. halophytes

D. submerged hydrophytes

Answer: C

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14. Casparian strips occur in

A. cortex

B. pericycle

C. epidermis

D. endodermis

Answer: D

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15. Plants having little or no secondary growth are

A. conifers

B. deciduous angiosperms

C. grasses

D. cycads

Answer: C

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16. Sweet potato is a modified

A. tap root

B. adventitous root

C. stem

D. rhizome

Answer: B

17. Which one of the following statements is correct?

A. Horsetails are gymnosperms

B. Selaginella is heterosporous, while Salvinia is homosporous

C. Ovules are not enclosed by ovary wall in gymnosperms.

D. Stems are usually unbrancned in both Cycas Cedrus

Answer: C

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18. Select the wrong statement.

A. Pseudopodia are locomotory and feeding structures in sporozoans

B. Mushrooms belong to Basidiomycetes

C. Cell wall is present in members of fungi and plantae

D. Mitochondria are the powerhouse of the cell in all kingdoms except Monera

Answer: A

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19. After karyogamy followed by meiosis, spres are produced exogenously in

A. Agaricus

B. Alternaria

C. Neurospora

D. Saccharomyces

Answer: A

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20. Match the items given in Column I with those in Column II and select the correct option given below

A. $\begin{matrix} 1 & 2 & 3 & 4 \\ ii & iv & iii & i \end{matrix}$

B. $\begin{matrix} 1 & 2 & 3 & 4 \\ iii & ii & i & iv \end{matrix}$

C. $\begin{matrix} 1 & 2 & 3 & 4 \\ i & iv & iii & ii \end{matrix}$

D. $\begin{matrix} 1 & 2 & 3 & 4 \\ iii & iv & i & ii \end{matrix}$

Answer: D

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21. The stage during which separation of the paired homologous chromosomes begin is

A. diakinesis

B. diplotene

C. pachytene

D. zygotene

Answer: B

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22. Which one is wrongly matched?

A. Gemma cups - Marchantia

B. Biflagellate zoospores - Brown algae

C. Uniflagellate gametes - Polysiphonia

D. Unicellular organism - Chlorella

Answer: C

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23. Which of the following options correctly represents the lung conditions in asthma and emphysema, respectively

A. increased respiratory surface, Inflammation of bronchioles

B. Increased number of bronchioles,Increased respiratory surface

C. Inflammation of bronchioles,Decreased respiratory surface

D. Decreased reapiratory surface,Inflammation of bronchioles

Answer: C

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24. Match the items given in Column I with those in Column II and select the correct

option given below

A. $\begin{matrix} 1 & 2 & 3 \\ i & ii & iii \end{matrix}$

B. $\begin{matrix} 1 & 2 & 3 \\ i & iii & ii \end{matrix}$

C. $\begin{matrix} 1 & 2 & 3 \\ iii & i & ii \end{matrix}$

D. $\begin{matrix} 1 & 2 & 3 \\ ii & i & iii \end{matrix}$

Answer: C

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25. Match the items given in Column I with those in Column II and select the correct option given below

A. $\begin{matrix} 1 & 2 & 3 & 4 \\ i & iv & ii & iii \end{matrix}$

B. $\begin{matrix} 1 & 2 & 3 & 4 \\ iii & i & iv & ii \end{matrix}$

C. $\begin{matrix} 1 & 2 & 3 & 4 \\ iii & ii & i & iv \end{matrix}$

D. $\begin{matrix} 1 & 2 & 3 & 4 \\ iv & iii & ii & i \end{matrix}$

Answer: B

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26. The transparent lens in the human eye is held in its place by

A. smooth muscles attached to the iris

B. ligaments attached to the iris

C. ligaments attached to the ciliary body

D. smooth muscles attached to the ciliary body

Answer: C

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27. Which of the following is an amino acid derived hormone ?

A. Estradiol

B. Estradiol

C. Epinephrine

D. Estriol

Answer: C

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28. Which of the following hormones can play a significant role in osteoporesis

A. Estrogen and parathyroid hormone

B. Progesterone and aldosteron

C. Aldosterone and prolactin

D. Parathyroid hormone and prolactin

Answer: A

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29. which of the following structures or regions is incorrectly paired with its function.

A. Hypothalamus Production of releasinghormonesand regutationof temperature,hunger and thirst

B. Limbic system Consists Of fibre tracts that interconnect different regions of brain, controls movement.

C. Medulla obtongata Controls respiration and cardio vascular reflexes.

D. Corpus callosum Band of fibres connecting left and right cerebral hemispheres.

Answer: B

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30. Ciliates differ from all other protozoans in

A. using pseudopodia for capturing prey

B. having a contractile vacuole for removing excess water

C. using flagella for locomotion

D. having two types of nuclei

Answer: D

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31. Identify the vertebrate group of animals characterised by crop and gizzard in its digestive system

A. Aves

B. Reptillia

C. Amphibia

D. Osteichthyes

Answer: A

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32. Which of the following features is used to identify a male cockroach from a female cockroach?

A. Forewings with darker tegmina

B. Presence of caudal styles

C. Presence of a boat shaped sternum on the 9th abdominal segment

D. Presence of anal cerci

Answer: B

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33. Which of the following animals does not undergo metamorphosis ?

A. Moth

B. Tunicate

C. Earthworm

D. Starfish

Answer: C

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34. Which of the following organisms are known as chief producers in the oceans ?

A. Cyanobacteria

B. Diatoms

C. Dinoflagellates

D. Euglenoids

Answer: B

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35. Match the items givenin Column I with those in Column II andselect the correct option given below

A. $\begin{matrix} 1 & 2 & 3 & 4 \\ ii & iii & i & iv \end{matrix}$

B. $\begin{matrix} 1 & 2 & 3 & 4 \\ i & ii & iii & iv \end{matrix}$

C. $\begin{matrix} 1 & 2 & 3 & 4 \\ iii & i & iv & i \end{matrix}$

D. $\begin{matrix} 1 & 2 & 3 & 4 \\ iv & i & ii & iii \end{matrix}$

Answer: D

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36. Match the items givenin Column I with those in Column II andselect the correct option given below

A. $\begin{matrix} 1 & 2 & 3 & 4 \\ v & vi & i & ii \end{matrix}$

B. $\begin{matrix} 1 & 2 & 3 & 4 \\ iv & i & ii & iii \end{matrix}$

C. $\begin{matrix} 1 & 2 & 3 & 4 \\ iv & v & ii & iii \end{matrix}$

D. $\begin{matrix} 1 & 2 & 3 & 4 \\ v & iv & i & iii \end{matrix}$

Answer: B

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37. Which of the following gastric cells indirectly help in erythropoiesis ?

A. Goblet cells

B. Mucous cells

C. Chief cells

D. Parietal cells

Answer: D

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38. Match the items given in Column I with those in Column II and select the correct option given below

A. $\begin{matrix} 1 & 2 & 3 \\ i & iii & ii \end{matrix}$

B. $\begin{matrix} 1 & 2 & 3 \\ i & ii & iii \end{matrix}$

C. $\begin{matrix} 1 & 2 & 3 \\ iii & ii & i \end{matrix}$

D.
1	2	3
ii	iii	i

Answer: D

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39. Which of the following is an occupational respiratory disorder?

A. Botulism

B. Silicosis

C. Anthrcis

D. Emphyema

Answer: B

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40. Calcium is important in skeletal muscle contraction because it

A. detaches the myosin head from the actin filament

B. activates the myosin ATPase by binding to it

C. binds to troponin to remove the masking of active sites on actin for myosin

D. prevents the formation of bonds between the myosin cross bridges and the actin fiiament

Answer: C

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41. Nissl bodies are mainly composed of

A. nucleic acids and SER

B. DNA and RNA

C. proteins and lipids

D. free ribosomes and RER

Answer: D

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42. Which of these statements is incorrect.

A. Glycolysis operates as long as it is supplied with NAD that can pick up hydrogen atoms.

B. Glycolysis occurs in cytosol

C. Enzymes of TCA cycle are present in mitochondrial matrix

D. Oxidative phosphorylation takes place in outer mitochondrial membrane

Answer: D

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43. Select the incorrect match.

A. Submetacentric chromosomes - L-shaped chromosomes

B. Allosomes - Sex chromosomes

C. Lampbrush chromosomes - Diplotene bivalents

D. Polytene chromosomes - Oocytes of amphibians

Answer: D

44. Which one of the following terms describe human dentition?

A. Pleurodont , Monophyodont, Homodont

B. Thecodont, Diphyodont, Heterodont

C. Thecodont, Diphyedont, Homodont

D. Pleurodont,Diphyodont, Heterodont

Answer: B

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45. Which of the following events does not occur in rough endoplasmic reticulum,

A. Cleavage of signal peptide

B. Protein glycosylation

C. Protein folding

D. Phospholipid synthesis

Answer: D

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46. Conversion of milk to curd improves its nutritional value of increasing the amount of

A. Vitamin B_{12}

B. vitamin-A

C. vitamin-D

D. vitamin-E

Answer: A

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Solved Paper 2018 Aiims

1. Leaf tendrils are found in

A. grapevine

B. peas

C. cucumber

D. All of these

Answer: D

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2. Diagram of large intestine is given below. Identify the parts A, B, C, D, E and F

A. A-Sigmoid colon,B-Vermiform appendix,C-Ascending colon, D-Transverse colon. E-Descending colon, F-Caecum

B. A-Caecum, B-Vermiform appendix,C-Sigmoid colon, D-Ascending colon,E-Transverse colon, F-Descending colon

C. A-Caecum, B-Vermiform appendix, C-Ascending colon, D-Transverse colon, E-Descending colon, F-Sigmoid colon

D. A-Sigmoid colon, B-Vermiform appendix, C-Descending colon, D-Transverse colon, E-Ascending colon, F-Caecum

Answer: C

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3. Match the stages of meiosis in column I to their characteristic features in Column II and select the correct option using the codes

given below.

A.
A	B	C	D
1	2	3	4

B.
A	B	C	D
2	4	1	3

C.
A	B	C	D
4	3	1	3

D.
A	B	C	D
2	1	4	3

Answer: D

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4. Apical dominance is caused by

A. auxin

B. ethylene

C. gibberellin

D. cytokinin

Answer: A

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5. A plant has a butterfly shaped flower with one standerd,two wing like and two keel petals. The plants belongs to the family

A. Malvaceae

B. Papilionaceae

C. Rubiaceae

D. Compositae

Answer: B

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6. Identify the permanent tissues shown in the following figures

A. A-Collencnyma, B-Parenchyma, C-Sclerenchyma

B. A- Sclerenchyma, B-Collenchyma, C-Parenchyma

C. A-Collenchyma, B-Sclerenchyma, C-Parenchyma

D. A-Parenchyma, B-Collenchyma, C-Sclerenchyma

Answer: D

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7. A mutant plant is unable to produce materials or precursors that form Casparians trip. This plant would be

A. unable to transport water from roots to the leaves

B. able to exert greater root pressure than the normal plant

C. unable to transport food from leaves to roots

D. unable to control amount of water and solute it absorbs

Answer: D

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8. Cell A has osmotic potential of -18 bars and pressure potential of 8 bars, whereas, cell B has osmotic potential of -14 bars and pressure potential 2 bars. The direction of flow of water will be

A. from cell B to cell A

B. from cell A to B

C. no flow of water

D. in both the directions

Answer: A

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9. Which of the following pathways occurs through cell wall?

A. Apoplast pathway

B. Vascular pathway

C. Symplast pathway

D. Nor-vacuolar pamway

Answer: A

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10. Which of the following plants are used to treat bone fractures?

A. Digitalin purpurea

B. Hevea brasiliensis

C. Cissus quadrangularis

D. Lowsomia inermis

Answer: C

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11. C_4 pathway is advantageous over C_3 pathway in plants as it

A. occurs in relatively low CO_2 concentration

B. uses more amount of water

C. occurs in relatively low O_2 concentration

D. is less efficient in energy utilisation

Answer: A

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12. Which one of the following categories of organisms do not evolve oxygen during Photosynthesis

A. Blue green algae

B. Red algae

C. Photosynthetic bacteria

D. C_4 plants

Answer: C

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13. Which of the following biomolecules is common to respiration-mediated breakdown of fats, carbohydrates and proteins

A. Glucose -6- phosphate

B. Pyruvic acid

C. Fructose-1, 6 biphosphate

D. Acetyl Co-A

Answer: D

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14. Arrange in correct order according to the given figures.

A. A-Imbricate, B -Quincuncial, C-Valvate, D-Twisted, E - Vexillary

B. A- Vexillary, B-Valvate, C-Twisted, D - Imbricate,E - Quincuncial

C. A-Quincunciai, B -Twisted, C - Vexillary,D - Imbricate, E-Valvate

D. A-Valvate, B-Twisted, C -Imbricate, D - Quincunciai, E-Vexillary

Answer: D

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15. Match the following columns

A.

A	B	C	D
2	5	3	1

B.

A	B	C	D
3	2	5	4

C.

A	B	C	D
4	3	1	5

D.

A	B	C	D
1	4	2	3

Answer: C

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16. Match the organisms given in Column I to their functions given in Column II and choose the correct option.

A. $\begin{matrix} A & B & C & D \\ 2 & 4 & 1 & 3 \end{matrix}$

B. $\begin{matrix} A & B & C & D \\ 4 & 1 & 3 & 2 \end{matrix}$

C. $\begin{matrix} A & B & C & D \\ 3 & 4 & 1 & 2 \end{matrix}$

D. $\begin{matrix} A & B & C & D \\ 3 & 2 & 4 & 1 \end{matrix}$

Answer: A

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17. Assertion : Nitogen - fixing bacteria in legume root nodules survive in oxygen - depleted cells of nodules.

Reason : Leghaemoglobin completely removes oxygen from the nodule cells.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: B

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18. Assertion: Cytochrome oxidase enzyme contian copper.

Cyanide combines with copper of cytochrome oxidase and prevents oxygen combining with it

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: B

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19. Assertion Meiotic division occurs in reproductive cells.

Reason Synapsis occurs during zygotene of meiosis.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: B

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20. Assertion The quiescentcentre actsas a reservoir of relatively resistant cells, which constitute a permanent source of active initials.

Reason The cells of the inactive region of quiescent centre become active,when the previous active initials get damaged.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: A

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21. Assertion Two turns of Krebs cycle occur per glucose molecule used.

Reason Each turn of Krebs cycle produces 3 NADH, $IFADH_2$ and 1 ATP molecule.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: B

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22. Assertion: Pork should be properly cooked to avoid Taenia infection.

Reason Pork of pig contains Hexacanth and cysticerci larvae.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: C

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23. Assertion: Magnesium is important in photosynthesis and carbohydrate metabolism.

Reason : Mg^{++} is involved in the synthesis of nucleic acids

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: B

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24. Assertion The collenchyma is a thick-walled living tissue.

Reason The collenchyma is thickened due to deposition of pectin.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: A

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25. Assertion In mitosis, two identical cells are produced from a single cell and karyokinesis is followed by cytokinesis.

Reason Cytokinesis is of two types, i.e. by cell-furrow method and cell plate method.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: B

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26. Assertion Non-cyclic photophosphorylation occurs in the stroma of chloroplasts.

Reason There is discontinuous flow of electrons in this process.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: D

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27. Assertion Taenia solium and Dugesia belong to Platyhelminthes.

Reason : Platyhclminthes are coelomates.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: C

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28. Assertion: Photomodulation of flowering is phytochrome-regulated process.

Reason: Active form of phytochrome (Pfr) directly induces floral induction in shoot buds.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: C

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29. Assertion Caryopsis fruits differ from typical achenes with respect to the fusion of pericarp with the seed-coat (testa).

Reason Caryopsis fruits commonly occur in the members of family-Poaceae.

A. Both A and R are true and R is the correct explanation of A

B. Both A and R are true, but R is not the correct explanation of A

C. A is true, but R is false

D. A and R are false

Answer: B

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Solved Paper 2018 Jipmer

1. Which of the following is not a derivative of cholesterol?

A. Vitamin-B

B. Vitamin-D

C. Bile salts

D. Steroid

Answer: A

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2. Shape of chloroplast of Ulothrix is

A. star-shaped

B. band-shaped

C. girdle-shaped

D. spinal-shaped

Answer: C

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3. What is the function of Kupffer's cells?

A. Bile secretion

B. Digestion of lipid

C. Phagocytosis

D. Digestion of protein

Answer: C

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4. Loss of water from body occurs by all of the following except

A. muscles

B. lungs

C. kidney

D. skin

Answer: A

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5. Which motile-stage of protozoans is helpful in feeding?

A. Pseudopodium

B. Cilia

C. Flagella

D. Tentacles

Answer: A

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6. Function of hypothalamus is

A. thermoregulation

B. water balance

C. control of hormone function

D. All of the above

Answer: D

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7. Inhibin is composed of

A. glycoprotein

B. lipoprotein

C. steroid

D. amino acid derivative

Answer: A

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8. What is ribotide?

A. Ribose + Uracil + Phosphate

B. Deoxyribose + Uracil + Phosphate

C. Deoxyribose + Thymine + Phosphate

D. Ribose + Thymine + Phosphate

Answer: A

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9. How many molecules of pyruvic acid are formed in glycolysis?

A. 2

B. 1

C. 15

D. 16

Answer: A

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10. Molecular formula of chlorophyll-b is

A. $C_{55}H_{70}O_6N_4Mg$

B. $C_{55}H_{72}O_5N_4Mg$

C. $C_{55}H_{70}O_5N_4Mg$

D. $C_{54}H_{70}O_6N_4Mg$

Answer: A

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11. Non-essential amino acid is

A. valine

B. arginine

C. histidine

D. lysine

Answer: B

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12. Non-disjunction in meiosis results in

A. trisomy

B. normal diploid

C. gene mutation

D. None of these

Answer: A

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13. Caryopsis fruit is found in :-

A. wheat

B. groundnut

C. coconut

D. mango

Answer: A

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14. What is the symmetry of medusa?

A. Bilateral

B. Radial

C. Asymmetrical

D. Biradial

Answer: B

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15. Which one is a parasitic alga?

A. Oedogonium

B. Cephaleuros

C. Spirogyra

D. Cladophora

Answer: B

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16. R.Q. of malic acid is

A. 1.9

B. 1,49

C. 1.33

D. 1

Answer: C

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17. 

Above diagram presents

A. anaphase-I

B. metaphase-I

C. telophase-I

D. prophase-I

Answer: A

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18. Peyers patches are present in

A. ileum

B. jejunum

C. duodenum

D. sacculus rotandus

Answer: A

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19. Purkinje fibres are found in : —

A. heart

B. liver

C. brain

D. lungs

Answer: A

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20. What is common between a eukaryotic and prokaryotic flagella?

A. Same structure

B. Both are used for locomotion

C. Composed of same proteins

D. Both are extension of cell membrane

Answer: B

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21. Heterolrichuus thallus is shown by which organism?

A. Chlamydomonas

B. Ectocarpus

C. Spirogyra

D. Volvox

Answer: B

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22. Daily requirement of vitamin-A for adult women is

A. 500 micrograms

B. 700 micrograms

C. 900 micrograms

D. 300 micrograms

Answer: B

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23. Which of these is incorrect for C_4-plants?

A. Kranz anatomy

B. CO_2 acceptor is PEP

C. PEPCase In mesophyll

D. RuBisCO in mesophyll

Answer: D

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24. Rouleaux formation is related to which of the cell/tissue?

A. RBCs

B. WBCs

C. Platelets

D. Monocytes

Answer: A

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25. Which of the following is not a plant growth inhibitor?

A. Dormin

B. lAA

C. Ethylene

D. ABA

Answer: B

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26. What is the RQ of glucose?

A. One

B. Less than one

C. More than one

D. Infinite

Answer: A

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27. Brunner's gland is present in

A. duodenum

B. jejunum

C. ileum

D. stomach

Answer: A

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28. Perianth occurs in family

A. Cruciferae

B. Solanaceae

C. Llliaceae

D. Malvaceae

Answer: C

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29. Palmella stage is present in

A. Aspergillus

B. Cystopus

C. Chlamydomonas

D. None of these

Answer: C

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30. Bacteria cell wall is composed of

A. chitin

B. pectin

C. cellulose

D. mannans

Answer: A

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31. Which is incorrect with reference to chloroplast?

A. Presence in algae and plants

B. Releases O_2

C. Occurs only in cells with aerobic respiration

D. None of the above

Answer: C

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32. Proteins are needed in diet because

A. all amino acids are not available in body

B. during fasting, body utilises proteins

C. proteins act as building blocks of our body

D. All of the above

Answer: D

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33. Which of the following pituitary hormones works indirectly?

A. MSH

B. TSH

C. GH

D. Oxytocin

Answer: B

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34. Conditions required for cyclic photophosphorylation are

A. aerobic condition, low light intensity

B. aerobic condition, optimum light intensity

C. anaerobic condition,low light intensuty

D. anaerobic condition, optimum light Intensity

Answer: B

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35. What is/are is the function(s) of calcium?

A. Blood clotting

B. Muscular contraction

C. Nerve conduction

D. All of the above

Answer: D

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36. What is the role of sterol in cell membrane?

A. Stability

B. Communication with other cells

C. Secretion

D. Transport

Answer: A

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37. Where is sacculus rotandus located?

A. Between duodenum and jejunum

B. Between ileum and caecum

C. caecum and colon

D. colon and rectum

Answer: B

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38. 

Above diagram represents

A. metaphase-I

B. anaphase-I

C. metaphase-II

D. anaphase-II

Answer: A

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39. Omega3 fatty acid is present in

A. sunflower oil

B. flax seed oil

C. groundnut oil

D. butter

Answer: B

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40. What is incorrect about inhibin?

A. It is a lipoprotein

B. Decreases FSH secretion

C. Molecular weight is between 10k-30k Dalton

D. Secreted by Sertoli ceils

Answer: A

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41. Eyespot is seen in

A. Chlamydomonas

B. Ulothrix

C. Spirogyra

D. Polysiphonia

Answer: A

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