



# BIOLOGY

## BOOKS - NTA MOCK TESTS

### NTA NEET SET 108

#### Biology

1. A couple had two sons, one was colour blind while the other wasn't. They also had a colour

blind daughter. Which statement about this couple is true?

- A. Husband is colour blind but wife is not
- B. Husband is normal and wife is colour blind
- C. Husband and wife both are colour blind
- D. Husband and wife both are normal

**Answer: A**



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2. Which of the following conditions will shift the oxygen dissociation curve to the right?

A. Low  $pCO_2$

B. Low  $H^+$  concentration

C. Low  $pO_2$

D. Low temperature

**Answer: C**



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3. Which of the following statements about heart sound is correct?

A. Lub is diastolic heart sound.

B. Lub occurs due to opening of semilunar valves

C. Dub can't be easily heard with a stethoscope.

D. Dub occurs due to closure of semilunar valves.

**Answer: D**



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**4.** All of the following statements are correct for blue green algae, except

A. they have chlorophyll- a, which is also found in higher plants.

B. they may be filamentous, colonial , or unicellular.

C. they have heterocysts which are clear cells without chlorophyll.

D. they are connecting link between plants and animals.

**Answer: D**



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5. Pick out the correct statement W.r.t. The flagella found in a particular class of algae.

- A. In brown algae motile spores have 2-8, equal, lateral flagella
- B. In green algae motile cell, have 2 unequal, apical flagella
- C. In red algae motile cells have 2-8, equal and apical flagella, few are non-motile
- D. In brown algae motile spores are biflagellate few are unequal and lateral.

**Answer: D**



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6. The incorrect among the following is

A. Salvia shows variation in the length of filaments within a flower

B. Mustard has polycarpellary ayncarpous gynoecium

C. In Argemone, ovary is one-chambered but it because two chambered due to



formation due to formation of a false  
septum

D. In cucumber, the gynoecium occupies  
the highest position while the other  
floral parts are situated below it

**Answer: D**



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7. Which of the following statements about proteins and amino acids is incorrect?

A. Proteins have peptide bonds in them

B. Proteins are present in the acid insoluble pool

C. Amino acids form Zwitter ions

D. Pleated structures in proteins form tertiary structure

**Answer: D**



8. Which of these cell organelles found exclusively in eukaryotes is not membrane bound?

A. Ribosomes

B. Cilia

C. Nucleolus

D. Lysosome

**Answer: C**



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9. A teacher was trying to show the different stages of a type of cell division to the students. At a particular stage, it was observed that the chromosomes were separating but there was no splitting of centromeres. This stage would be

- A. metaphase I
- B. metaphase II
- C. anaphase I

D. anaphase II

**Answer: C**



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**10.** All of the following statements are incorrect about a monocot stem, except

A. hypodermis of monocot stem is made up of multiple layers of parenchyma

B. Vascular bundles are surrounded by sclerenchymatous bundle sheath.

C. the vascular cylinder is surrounded by a parenchymatous pericycle in monocot stem

D. peripheral vascular bundles are generally larger than the centrally located ones.

**Answer: B**



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11. Cohesive force of water is due to

A. S- bonds

B. O- bonds

C. H- bonds

D. OH- bonds

**Answer: C**



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12. The immobile element in plants is

A. Calcium

B. nitrogen

C. phosphorus

D. magnesium

**Answer: A**



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13. During photosynthesis :-



- A. Both  $CO_2$  and water get oxidized
- B. Both  $CO_2$  and water get reduced
- C. Water is reduced and  $CO_2$  oxidizes
- D.  $CO_2$  gets reduced and  $H_2O$  gets oxidized

**Answer: A**



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**14. Respiratory pathway is**

A. endergonic

B. catabolic

C. anabolic

D. both (b) and (c)

**Answer: D**



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**15. Essential requirement for seed germination**

A.  $O_2$  and light

B.  $H_2O$  and light

C.  $H_2O$  and high temperature

D. scarification and vernalization

**Answer: B**



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**16.** Match the following organisms with their respective structures used for reproduction

and choose the correct option.

Organism	Reproductive structures
i. Green thallophyte	a. Gemmules
ii. Organism used to produce the first antibiotic	b. Conidia
iii. Animals having a cellular level of organization	c. Buds
iv. A freshwater cnidarian	d. Zoospore

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

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

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

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

**Answer: D**



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17. In an angiosperm, microsporangium is

- A. stamen
- B. pollen grains
- C. Ovule
- D. pollen sacs

**Answer: D**



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**18.** Which phenomenon made it possible to produce animal proteins in plants through rDNA technology?

A. The human chromosome can replicate in bacteria.

B. The mechanism of gene regulation is identical in humans and bacteria

C. Bacterial cell can carry out the RNA splicing reaction

D. The genetic code is universal

**Answer: D**



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**19. Succus entericus is made of**

A. enzymes

B. mucus

C. enzymes and mucus

D. enzymes, hormones and mucous

**Answer: C**



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**20.** Choose the part of the uriniferous table that shows the presence of cuboidal epithelium with brush border?

- A. Proximal convoluted tubule
- B. Distal convoluted tubule
- C. Bowman's capsule
- D. Glomerulus

**Answer: A**





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21. If the level of glucose drops in the blood, the body releases \_\_\_\_ to bring it back to normal.

A. Insulin Frome beta cell of pancreas

B. Calcitonin from thyroid gland

C. glucagon from alpha cells of pancreas

D. Adneraline from adrenal medulla

**Answer: C**



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## 22. Match the following columns.

	Column A		Column B
(1)	Skeletal muscles	(P)	Part of the dark band
(2)	Z line	(Q)	Autonomic nervous system
(3)	Henson's zone	(R)	Syncytial
(4)	Visceral muscles	(S)	Seen in the light band

A. 1 - Q, 2 - S, 3 - P, 4 - R

B. 1 - R, 2 - P - 3 - S, 4 - Q

C. 1 - P, 2 - S, 3 - R, 4 - Q

D. 1 - R, 2 - S, 3 - P, 4 - Q

**Answer: D**



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**23.** A device is inserted in the uterus for contraceptive effect. Which of these effects won't be caused by it?

A. Increasingly phagocytosis of sperms

B. Suppressing motility of sperms

C. Preventing implementation of the  
blastocyst

D. Preventing ovulation

**Answer: D**



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**24.** Which of these ancestors are not involved in the evolution of lycopods /

A. chlorophyte ancestors

B. rhynia type ancestors

C. tracheophyte ancestors

D. Zosterophyllum

**Answer: B**



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25. If two organisms can't interbreed to produce fertile offsprings, you can't place them under a

A. genus

B. species

C. order

D. phylum

**Answer: B**



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**26.** In nature, a symbiotic association is found between an algae and a fungus. Which of the following can be regarded as the correct property for this association?

- A. Lichens are fast growing organisms that live for a short period
- B. the algal component is called mycobiont and fungal component is called phycobiont
- C. They are pioneers of vegetation on rocks
- D. They grow well in cities .

**Answer: C**



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27. Read the below characteristics of organisms belonging to the Plant Kingdom and choose the wrong one.

A. Selaginella is a pteridophytes which is produces two type of spores

B. Pinus is a gymnosperms with a branched stem

C. Fucus is an algae with haplo-diplontic life cycle



D. Funaria is a bryophytes with protonema stage

**Answer: C**



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**28.** Which of the following cell organelles is responsible for the maintenance of turgidity of a plant cell ?

A. Mitochondria

B. Vacuoles

C. Plastids

D. Ribosomes

**Answer: B**



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**29.** Flowers of Pea possess the same symmetry as that of

A. Datura

B. Mustard

C. Cassia

D. Tomato

**Answer: C**



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**30.** In grasses, bulliform cells are

A. Large bubble - shaped epidermal cells,  
present on the lower surface of leaves

B. large bubble-shaped epidermal cells,  
present on the upper surface of leaves

C. small pyramidal epidermal cells, present  
on the upper surface of leaves

D. small pyramidal epidermal cells , present  
on the lower surface of leaves

**Answer: B**



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31. During photosynthesis when PGA is changed into phosphoglyceraldehyde, which of the following reaction occur

- A. oxidation
- B. reduction
- C. electrolysis
- D. hydrolysis

**Answer: B**



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32. Substrate level phosphorylation occurs during which step of Krebs' cycle

A. Succinyl-CoA  $\rightarrow$  Succinic acid

B. Isocitric acid  $\rightarrow$  Oxalosuccinic acid

C. Oxalosuccinic acid  $\rightarrow$  ketoglutaric acid

D. Malic acid  $\rightarrow$  OAA

**Answer: A**



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**33.** The hormone capable of replacing the requirement of long photoperiods for flowering is:

A. Ethylene

B. Auxine

C. Gibberellin

D. Cytokinin

**Answer: C**



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**34.** Which of the following options shows the correct match of the plants along with their pollinating agents?

Plant	Agent of pollination
I. <i>Yucca</i>	A. Wind
II. Roses	B. Water
III. <i>Zea mays</i>	C. Moth
IV. <i>Zostera</i>	D. Insect

A. I - C, II - A, III - D, IV - B

B. I - C, II - D, III - A, III - B

C. I-C, II-B, III-D, IV -B

D. I-C, II-A, III-B, IV-D



**Answer: B**



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**35.** Among the following the incorrect statement about the female gamete in humans :

A. A layer of granulosa cells surrounds primary oocytes forming primary follicles.

- B. Ovum is released in the secondary oocyte is the same.
- C. The ploidy level of oogonia and primary oocyte is the same
- D. A fluid filled cavity called antrum which leads to the formation of tertiary follicle.

**Answer: B**



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**36.** The stage of *Plasmodium falciparum* infective to humans are formed in the

- A. liver of human
- B. RBCs of mosquito
- C. salivary glands of mosquito
- D. intestine of human

**Answer: C**



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37. Stomochord is a rudimentary structure present in the collar region. It is found in

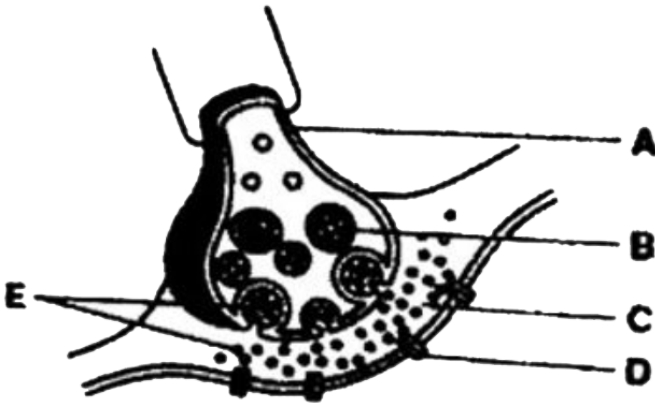
- A. chordates
- B. cephalochordates
- C. urochordates
- D. hemichordates

**Answer: D**



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38. In the following diagram showing axon terminal and synapse, A, B, C, D and E respectively represent.



A. axon terminal, synaptic cleft, synaptic vesicles, neurotransmitters and receptors

B. synaptic cleft, synaptic vesicles, axon terminal , neurotransmitters and receptors

C. axon terminal , synaptic vesicles, synaptic cleft, receptors and neurotransmitters

D. synaptic cleft, axon terminal synaptic vesicles, neurotransmitters and receptors

**Answer: C**



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**39.** Which of these statements is false ?

A. All prokaryotes classified under kingdom

Monera have a cell wall.

B. All viroids have single - stranded RNA as

the genetic material.

C. All prions don't have nucleic acid as their

genetic material.

D. Unicellular plants have been place in

kingdome Protista by Whittaker.

**Answer: A**



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**40.** The type of ribosomes found in the cytoplasm of the organism responsible for causing typhoid and sleeping sickness are \_\_\_\_\_ and \_\_\_\_\_ respectively

A. 70S and 70S

B. 70S and 80S

C. 80S and 70S



D. 80S and 80S

**Answer: B**



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**41.** Sequentially the last stage to occur among the following is :

A. Diakinesis

B. Pachytene

C. Zygotene

D. Leptotene

**Answer: A**



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**42.** A family has the characters given in the list below .

Flowers pentamerous, gynoecium-bicarpellary, syncarpous, superior ovary, placentation axile, placenta swollen.

A representative organism from this family is

A. *Solanum tuberosum*

B. *Pisum sativum*

C. *Brassica napus*

D. *Allium cepa*

**Answer: A**



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**43.** The number of linkage groups present in a diploid animal is

A. equal to the total number of chromosomes

B. half of the total number of chromosomes

C. a quarter of the total number of chromosomes

D. two-thirds of the total number of chromosomes

**Answer: B**



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**44.** The degeneracy of the genetic code allows different codons to code the same amino acid. Which of the following codons does NOT code for the simplest amino acid, glycine?

A. GCU

B. GGG

C. GGC

D. GGU

**Answer: A**



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**45.** Match the columns I and II, and choose the **CORRECT** combination from the options given

Column I	Column II
a. Bhindi	1. Pusa Snowball K-1
b. Cowpea	2. Pusa A-4
c. Rapeseed mustard	3. Pusa Komal
d. Cauliflower	4. Pusa Gaurav

A. a - 1, b - 3, c - 1, d - 4

B. a - 3 , b - 2, c - 4 , d - 1

C. a - 1 , b - 4 , c - 3, d - 2

D. a - 2, b - 3, c - 4, d - 1

**Answer: D**



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**46.** Choose the correctly matched duo of the drug which lowers lipid levels in the blood and its source.

A. Drug: Streptokinase, Organism :

Streptococcus

B. Drug : Statins, Organism: Clostridium

C. Drug: Cyclosporin A, Organism :

Trichoderma

D. Drug : Statins, Organism : Monascus

**Answer: D**



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47. About \_\_\_\_\_ of all insects are known to feed on green plants.

A. half

B. one-fourth

C. one-third

D. two -third

**Answer: B**



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**48.** Select the correct statement about productivity from the following.

A. Gross primary productivity is the available biomass for the consumption to heterotrophs.

B. Secondary productivity depends on the photosynthetic capacity of the plant species inhabiting a particular area.

C. Productivity is expressed in terms of  $kg^{-2}yr^{-1}$  or  $(kcalm^{-2})yr^{-1}$  to

compare the productivity of different ecosystems.

D. Of an approximate NPP of 170 billion tonnes, the productivity of the oceans are only 55 billion tons despite occupying 70% of the earth.

**Answer: D**



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**49.** The tropics have more diversity of vascular plants as compared to the temperate regions because of

- A. latitudinal gradient
- B. longitudinal gradient.
- C. temperature gradient.
- D. altitudinal gradient.

**Answer: A**



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50. The false statement about the Terror of Bengal is :

A. It has been a native of India since hundreds of years.

B. It is commonly called water hyacinth and have mauve flowers.

C. Its scientific name of Eichhornia crassipes.

D. It causes disturbance in ecosystem dynamics of water body in a short span of time.

**Answer: A**



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**51.** A non-medullated axon does not have

A. Schwann cells.

B. nodes of Ranvier.

C. axolemma.

D. neurofibrils

**Answer: B**



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**52.** Which of these phases of the menstrual cycle is correctly is correctly matched with its period?

(i) Menstrual phase :  $1^{st}$  –  $4^{th}$  day

(ii) Proliferative phase:  $5^{th}$  –  $13^{th}$  day

(iii) Ovulatory phase: 14<sup>th</sup> day

(iv) Luteal phase: 15<sup>th</sup> – 28<sup>th</sup> Day

A. I, II and III

B. I, II and IV

C. II and IV

D. I, II and III and IV

**Answer: D**



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**53.** A man get infected thought contaminated food. He shows the following symptoms: stomach pain, high fever, constipation ,and headache. Which of the following diseases in the man suffering from?

A. Cholera

B. Ringworm

C. Typhoid

D. Filariasis

**Answer: C**



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**54.** Ascaris is characterized by

- A. presence of neither true coelom nor metamerism
- B. presence of true coelom but absence of metamerism
- C. presence of both true coelom and metamerism

D. absence of true coelom but presence of  
metamerism

**Answer: A**



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**55.** Select the correct match from the following sets.

A. cerebral cortex - centre which controls  
body temperature

B. limbic lobe - regulation of sexual desire

C. pons-neurosecretory cells for hormone  
secretion

D. medulla-memory and intersensory  
associations

**Answer: B**



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**56.** Following are the functions of a particular hormone:

(a) controller of circadian rhythm in humans

(b) helps in pigmentation, metabolism, menstrual cycle

(C ) controls the defence mechanism of the body

Name the hormone.

A. Epinephrine

B. Gastrin

C. Melatonin

D. Insulin.

**Answer: C**



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**57.** Choose the correct feature of the muscle fibre given below.



A. Contraction of cells as a unit due to the presence of communication junctions

B. Fusiform tissue found only in the heart.

C. Muscles have striations and are bundled together in a parallel fashion.

D. A sheath of tough connective tissue encloses several bundles of the muscle fibres.

**Answer: A**



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**58.** Which of the following statements is incorrect about reproductive health?

A. STDs are reported to be very high among persons in the age group of 15-24 years.

B. MTP has significant role in decreasing the population though it is not meant for that purpose.

C. Females infected with STD may often be asymptomatic and hence, may remain undetected for long.

D. The reasons for infertility cannot be psychological

**Answer: D**



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**59.** After extracting an organism, the scientist

listed out the below features about it:

(i) smaller than a virus,

(ii) its nucleic acid had ribose as sugar , and

(iii) lacks a protein coat .

Which of the following diseases is likely to be produced by it?

A. Potato spindle tuber disease

B. Influenza

C. Potato leaf curl

D. Mad cow disease

**Answer: A**



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**60.** In a population, if individuals with extreme properties die and only individuals with average property live, then the selection operating on this population will be :

**A. Stabilizing selection**

B. Directional selection

C. Diversifying selection

D. Disruptive selection

**Answer: A**



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**61.** In which of the following techniques, the mRNA is prevented from undergoing translation due to presence of a complementary segment?

A. Gene gun technology

B. DNA interference

C. RNA interference

D. Gene deletion

**Answer: C**



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**62.** Which of these secondary metabolites is an alkaloid ?

A. Codeine

B. Anthocyanin

C. Abrin

D. Curcumin

**Answer: A**



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**63.** Which of these relations between two partial pressure is incorrect?

- A.  $pO_2$  in atmospheric air  $>$   $pO_2$  in alveoli
- B.  $pO_2$  in tissues  $=pO_2$  in deoxygenated blood
- C.  $pCO_2$  in oxygenated blood  $<$   $pO_2$  in deoxygenated blood
- D.  $pCO_2$  in oxygenated blood  $<$   $pCO_2$  in tissues

**Answer: C**



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64. Which of these correctly describes the valves of the heart?

A. Bicuspid valve is the right atrioventricular valve while the tricuspid valve is the left atrioventricular valve.

B. Bicuspid valve is the left atrioventricular valve while the tricuspid valve is the right atrioventricular valve.

C. Bicuspid valve is the right

atrioventricular valve while the mitral

valve is the left atrioventricular valve.

D. Semilunar valve is the right

atrioventricular valve while the tricuspid

valve is the left atrioventricular valve.

**Answer: B**



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**65.** Find the odd one out with respect to the part of the plant used for food storage under unfavourable conditions.

A. Potato

B. Colocasia

C. Ginger

D. Turnip

**Answer: D**



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**66.** Dicots and monocots are two classes under the division- angiosperms. Which of the following statements are correct about their seeds?

- i. The scutellum is cotyledon in dicots.
- ii. Generally, dicots have non-endospermic seeds.
- iii. Coleoptile covers the plumule in monocots.
- iv. The heart-shaped embryo is seen in monocots.

A. i and iii

B. ii and iv

C. ii and iii

D. iii and iv

**Answer: C**



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**67.** Which of these crosses will be performed to determine whether the genotype of the tall pea plant is TT or Tr ?

A. Reciprocal cross

B. Dihybrid cross

C. Test cross

D. Back cross

**Answer: C**



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**68.** Two DNA strands have the same length.

Which one will denature at a lower temperature?

- A. The one having more number of guanine and cytosine molecules
- B. The one having more number of adenine and thymine molecules
- C. The one having least number of guanine and cytosine molecules
- D. More than one option is correct

**Answer: D**



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**69.** Aerobic bacteria are found in :

A. Activated sludge sediment in settlement tanks of sewage treatment plant

B. Stomach of ruminants are produce methane

C. Biogas plant and produce biogas

D. both (A) and (B)

**Answer: A**



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**70.** The Arctic tern is a bird which travels from the Arctic to the Antarctic region and then back again. Hence it sees two summers in a year. On an average, Arctic terns travel a distance of 70,000 km annually. This is an example of

A. Conformation

B. Regulation

C. Migration

D. Suspension

**Answer: C**



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**71.** The correct sequence of organisms during hydrarch succession is :

- A. Phytoplankton-submerged plant -  
submersed free floating plant stage-reed  
swamp stage - marsh- meadow stage -  
scrub stages-forest

B. Scrub stages - forest - reed swamp stage

- marsh - meadow stage - submerged free

floating plant stage - submerged plant-

phytoplankton

C. Submerged plant-marsh-meadow stage-

scrub stages-forest - phytoplankton-

submerged free floating plant stage-reed

swamp stage

D. Phytoplankton - reed swamp stage- scrub

stages-forest-submerged plant -

submersed free floating plant stage-

marsh-meadow stage

**Answer: A**



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**72.** In a particular region, the same fruit is available in multiple varieties, colours, with different tastes and textures. The primary reason for this could be :

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

**Answer: C**



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**73.** 2 ppm of a pesticide entered in a food chain at the producer level. However, in the apex consumers, 200 ppm of pesticide was

identified. The phenomenon that occurred here is :

- A. Biodeterioration
- B. Eutrophication
- C. Biogeochemical cycling
- D. Biomagnification

**Answer: D**



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74. Which of these children will always be homozygous for both the blood group alleles and the Rh blood group system?

A. O Rh + ve child from O Rh+ve mother and O Rh-ve father

B. A Rh-ve child from A Rh-ve mother and O Rh-ve father

C. AB Rh+ve child from A Rh+ve mother and B Rh-ve father

D. O Rh-ve child from O Rh-ve mother and O Rh-ve father

**Answer: D**



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**75.** A bacterium having rDNA formed by using pBR322 and EcoRI restriction enzyme is resistant to :

A. Penicillin and ampicillin



B. Ampicillin and tetracycline

C. Tetracycline only

D. Ampicillin only

**Answer: B**



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**76.** In an enzyme-mediated reaction,  $K_m$  value is :

A. The substrate concentration at which the velocity of the chemical reaction is half its minimum value

B. The substrate concentration at which the velocity of the chemical reaction is half its maximum value

C. The velocity of the chemical reaction at which the substrate concentration is maximum

D. The velocity of the chemical reaction at which the substrate concentration is half its maximum value

**Answer: B**



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77. One microspore mother cell undergoes microsporogenesis to produce \_\_\_\_\_ functional microspores

A. one

B. two

C. three

D. four

**Answer: D**



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**78.** The proportion of dihybrids in the  $F_2$  generation of a monohybrid cross

\_\_\_\_\_proportion of dihybrids 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 or greater but nevre lesser than

**Answer: B**



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**79.** Enzyme DNA dependent RNA polymerase is used in

- A. Ribosome synthesis
- B. mRNA synthesis
- C. DNA synthesis
- D. Carbohydrate synthesis

**Answer: B**



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**80.** Decomposition is inhibited during :

- A. Warm and moist environment
- B. Low temperature and anaerobiosis
- C. Warm and aerobic environment
- D. Aerobic and slightly acidic condition

**Answer: B**



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**81.** Which of the following is not a fundamental reason for greater biodiversity in tropics as compared to that of temperate regions ?

A. Tropical latitudes have remained relatively undisturbed for millions of years

B. Temperate environments , unlike tropical ones, are less seasonal, relatively more constant and predictable



C. Temperate regions were subject to frequent glaciations in the past

D. There is more solar energy available in the tropics which contributes to higher productivity

**Answer: B**



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**82.** In cockroach , fore wings are known as :

A. Mesothoracic wings

B. Tegmina

C. Metathoracic wings

D. Both (A) and (B)

**Answer: D**



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**83.** All the following statement is incorrect except:

A. The longest phase of menstrual cycle is follicular phase while the shortest phases is ovulatory phase.

B. The ovary behaves as an endocrine gland during the luteal phase and is responsible for the thickening of the endometrium.

C. The formation of haploid second polar body occurs just before ovulation.

D. Permanent cessation of menses is an indication of pregnancy .

**Answer: B**



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**84.** A man comes to a clinic for infertility. On examination, it is found that he has a reduction in the size of the testicles, decreased sperm production and enlargement

of the prostate gland . He confesses to drug abuse. Which drug would he be consuming ?

A. Cocaine

B. Charas

C. Anabolic steroids

D. Heroin

**Answer: C**



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**85.** Cretinism is caused due to :

A. Low GH from pituitary gland

B. Excessive glucocorticoids from adrenal glands

C. Low secretion of parathyroid hormone

D. Low secretion of thyroid hormones from thyroid gland

**Answer: D**



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**86.** Which of these was not conceived by Hugo de Vries to explain evolution?

A. Mutations are large and discontinuous changes

B. Mutations are random and discontinuous

C. Mutations are heritable and establish new species

D. A single step large mutation to produce a species can never occur

**Answer: D**



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**87.** A scientist wants to insert a modified DNA directly into the nucleus of the animal cell . Which of the techniques will be best suited ?

A. Gene gun



B. Disarmed pathogen

C. Cloning vector

D. Microinjection

**Answer: D**



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**88.** Common pansy has :

A. Cleistogamous flowers

B. Chasmogamous flowers

C. Unisexual flowers

D. Both (A) and (B)

**Answer: D**



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**89.** The genetic disorders in which the patients have one chromosome less than normal humans are :

A. Down's syndrome

B. Alpha Thalassemia

C. Turner's syndrome

D. Klinefelter's syndrome

**Answer: C**



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**90.** A genetic engineer upon the completion of electrophoresis, moves ahead to elution. What is exactly done by him in this step ?

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 fragments can be visualized by ethidium bromide.

**Answer: B**



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