BIOLOGY

BOOKS - NTA MOCK TESTS

NTA NEET SET 45

Biology

1. Which one of the following features is common to cockroach, earthworm and mosquito?

A. Presence of chitinous exoskeleton

B. Presence of jointed appendages

C. Presence of two pair of wings

D. Presence of schizocoelom as a true coelom

Answer: D

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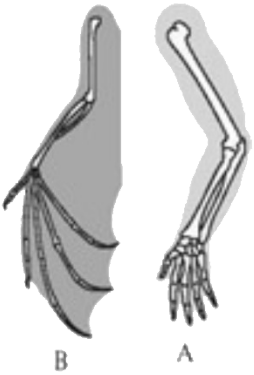
2. A and B are examples of .....i..... organs and represent .....ii..... evolution .



	A	B
(a)	Homologous	Convergent
(b)	Analogous	Convergent
(c)	Homologous	Divergent
(d)	Analogous	Divergent

	A	B
(a)	Homologous	Convergent
(b)	Analogous	Convergent
(c)	Homologous	Divergent
(d)	Analogous	Divergent

A. i Homologous ii Convergent

B. i Analogous ii Convergent

C. i Homologous ii Divergent

D. i Analogous ii Divergent

Answer: C

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3. The crucial requirement for the process of chemiosmosis is

A. Membrane

B. Proton pump

C. Proton gradient

D. None of these

Answer: C

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4. Read the following statements about animal tissues and choose the option which correctly states true (T) or false (F).

(1) Bone is the main tissue that provides a structural frame to the body.

(2) The intercellular material of cartilage is solid and non- pliable, which resists compressions.

(3) The ligament attached skeletal muscles to bones.

(4) In all connective tissue without exception, the cells secrete fibres of structural collagen or elastin proteins.

A. 1 - F , 2 - T , 3 - F , 4 - T

B. 1 - T , 2 - F , 3 - T , 4 - T

C. 1 - F , 2 - T , 3 - T , 4 - F

D. 1 - T , 2 - F , 3 - F , 4 - F

Answer: D

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5. Phosphorylation during photosynthesis is

A. Oxidative phosphorylation and photophosphorylation occurring in light and dark conditions.

B. Oxidative phosphorylation occurs in light conditions and photophosphorylation occurs in dark conditions.

C. Oxidative phosphorylation occurs in dark conditions and photophosphorylation occurs in light conditions.

D. Oxidative phosphorylation occurs in light and dark conditions and

photophosphorylation occurs only in the presence of light.

Answer: D

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6. The metamorphosis shown by cockroaches is

A. Complete with egg and adult stages.

B. Complete with egg, nymph and adult stages.

C. incomplete wit egg , nymph and adult stages .

D. incomplete wit egg and adult stages.

Answer: C

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7. When $12H^+$ pass through $F_0\_F_1$ particle, how many ATP are produced?

A. 6 ATP

B. 4 ATP

C. 8 ATP

D. 10 ATP

Answer: A

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8. Read the following matches carefully:

(i) Corpus callosum: Connects both right and left cerebellar hemispheres.

(ii) Limbic system: Regulation of sexual behaviour and emotional with the hypothalamus.

(iii) Association areas: Responsible for intercessory associations, memory and communication.

(iv) Medulla oblongata: Controls motivation and urge for eating and drinking.

How many of the above matches is / are incorrect ?

A. Three

B. Four

C. One

D. Tow

Answer: C

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9. Cytochrome is a

A. Mg pyrole ring

B. Fe porphyrin ring

C. Nucleotide

D. Alloy of nichrome

Answer: B

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10. Which of the following statements is incorrect about human eye?

A. The diameter of the pupil is regulated by the muscle fibers of iris under autonomic nervous system.

B. The retina of human eyes has two types of cones which possess their own characteristic photopigments .

C. The Fovea is a thinned - out portion of the retina where only cones are densely packed .

D. Light induces dissociation of the retinal from opsin resulting in changes in the structure of the opsin.

Answer: B

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11. The phenomenon of dedifferentiation

A. regaining the capacity to divide mitotically by differentiated cells

B. the event of losing the ability to divide by dedifferentiated cells

C. regaining the capacity to divide meiotically by differentiated cells

D. regaining the capacity to divide meiotically by redifferentiated cells

Answer: A

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12. Match the following types of movements with their example and select the correct option.

	Movements		Examples
A	Flagellar movement	I	macrophages and leucocytes
B	Amoeboid movement	II	muscular movement
C	Ciliary movement	III	non-muscular movement
D	Peristalsis movement	IV	passage of ova in the fallopian tube

A. $\begin{matrix} A & B & C & D \\ III & I & IV & II \end{matrix}$

B. $\begin{matrix} A & B & C & D \\ I & III & IV & II \end{matrix}$

C. $\begin{matrix} A & B & C & D \\ I & II & IV & III \end{matrix}$

D.

A	B	C	D
III	IV	II	I

Answer: A

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13. The hormone that can replace the process of vernalisation is

A. Cytokinins

B. Gibberellins

C. Auxin

D. Ethylene

Answer: B

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14. The number of bicephalic ribs in human are:

A. Seven pairs

B. Twelve pairs

C. Two pair

D. Three pairs

Answer: B

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15. The chitinous exoskeleton of arthropods is formed by the polymerisation of :

A. D - glucosamine

B. N - acetyl glucosamine

C. Lipoglycans

D. Keratin sulphate and chondroitin sulphate

Answer: B

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16. Which of the following combinations is correct?

A. Metal ions loosely attached with Apoenzyme - Activators.

B. Non - protein organic part attached tightly to the Apoenzyme - Prosthetic group .

C. Non - protein organic part attached loosely to the Apoenzyme - Coenzyme .

D. all of these

Answer: D

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17. Which of the following hormones stimulates by juxtaglomerular cells of the kidney in response to hypoxia?

A. Calcitrol

B. Renin

C. Erythropoietin

D. All of these

Answer: C

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18. The concept that explains how the large quantity of substrate is acted upon by a small concentration enzyme is

A. Coenzyme theory

B. Enzyme collision theory

C. Induced fit theory

D. Lock and key theory

Answer: D

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19. Match the following and mark the correct option:

	Column-I	Column-II
(a)	Hyperthyroidism	(i)Parthormone
(b)	Hypocalcemic	(ii)Cretinism
(c)	Hypercalcemic	(ii)Grave's disease
(d)	Hypothyroidism	(iv)Calcitonin

A. (a) (b) (c) (d)
(ii) (i) (iv) (iii)

B. (a) (b) (c) (d)
(ii) (iv) (i) (iii)

C. (a) (b) (c) (d)
(iii) (i) (iv) (ii)

D. (a) (b) (c) (d)
(iii) (iv) (i) (ii)

Answer: D

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20. Bakanae fungal disease is associated with the discovery of

A. 2 , 4 - D

B. GA

C. IAA

D. ABA

Answer: B

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21. The set hormones that are collectively known as gonadotropins are

A. Oxytocin , FSH , LH

B. Estrogen , Progesterone and LH

C. Testosterone , Estradiol and FSH

D. FSH , LH and TSH

Answer: A

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22. LSD is extracted from

A. Puccinia

B. Claviceps

C. Mucor

D. Rhizopus

Answer: B

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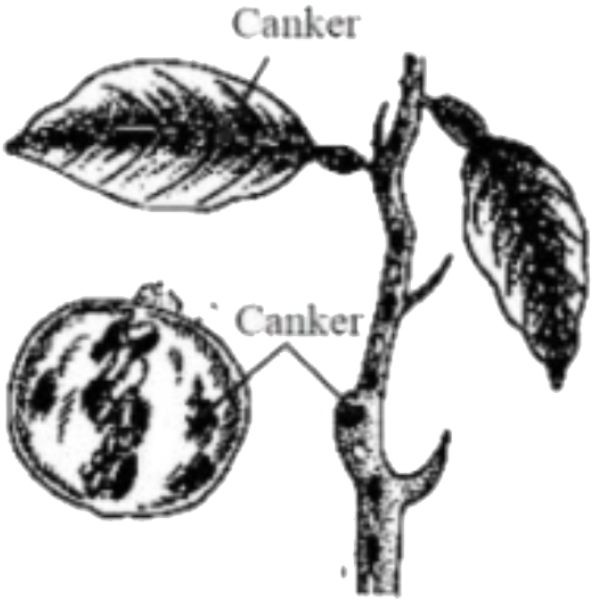
23. Select the correct option for the given diagram.



A. Citrus canker, Xanthomonas citri

B. Late blight of potato , Phytophthora infestans

C. Tomato chlorosis , Tomato chlorosis virus (ToCV)

D. Apple canker , Xanthomonas citri

Answer: A

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24. Incipient nucleus is present in

A. Cyanophyceae

B. Rhodophyceae

C. Chlorophyceae

D. Pheophyceae

Answer: A

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25. which of the following blood plasma proteins is correctly matched with its function

A. Albumin : Maintain water level and osmolarity of blood

B. Globulin : Helps to provide antibody mediated immunity (AMl)

C. Fibrinogen : Helps in coagulation of blood .

D. All of these

Answer: D

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26. The largest ovules, largest male and female gametes and largest plants are found among

A. Angiosperms

B. Tree ferns and some monocots

C. Gymnosperms

D. Dicotyledonous plants

Answer: C

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27. The volume of blood pumped out by each ventricle per cardiac cycle is called .....X.....which is about .....Y..... . Select the correct option for X and Y.

A. X - Stroke Volume , Y - 70 ml

B. X - Cardiac output , Y - 50 ml

C. X - Isovolumetric Systole , Y - 50 ml

D. X - Isovolumetric Diastole , Y - 30ml

Answer: A

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28. Archegoniate plants include

A. Bryophytes , pteridophytes and Gmnosperms

B. pteridophytes , Gymnosperms and Angiosperms

C. Algae, Fungi , and Bryophytes

D. Algae , Bryophytes and Pteridophytes

Answer: A

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29. Flower is perigynous and the ovary is said to be half inferior in

A. Rose

B. Peach

C. Plum

D. All of these

Answer: D

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30. During formation of leaves and elongation of stem, some cells "left behind" from the shoot apical meristem, constitute :-

A. shoot apical meristems

B. accessory buds

C. axillary bud

D. root apical meristems

Answer: C

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31. Which of the following does not happened during stomatal opening ?

A. Accumulation of K^+ ion in guard cell

B. Increased TP of guard cell

C. Increased thickening of inner wall of guard cell

D. Decrease in pH of guard cell

Answer: C

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32. Which of the following sequences is correct regarding regulation of kidney function?

A. The functioning of kidneys is effectively monitored and regulated by juxta - glomerular apparatus only.

B. An excessive loss of fluid from the body can activate the osmoreceptors of

medulla to release vasopressin or ADH

C. Angiotensinogen is a powerful vasoconstrictor , which increases the glomerular blood pressure as well as GFR.

D. An increase in blood flow to the atria of the heart can cause the release of atrial natriuretic factor (ANF) to decrease blood pressure.

Answer: D

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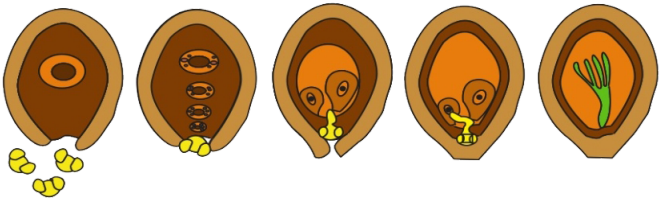
33. The diagram given below represents the events of fertilization and embryonic development in



A. Cycas a Gymnosperm plant

B. Pinus a Gymnosperm plant

C. Cocus a Angiosperm plant

D. Cycas a Angiosperm plant

Answer: B

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34. The proteinaceous endosperm of maize is called

A. Apophysis

B. Scutellum

C. Aleurone layer

D. None of the above

Answer: C

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35. Mg and Fe are needed for plants in the

A. energy transfer

B. synthesis of chlorophyll pigment in the leaves

C. stomatal opening

D. translocation of carbohydrates

Answer: B

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36. Which of the following statement is incorrect with respect to the histology of alimentary canal ?

A. Serosa is the outermost layer which is made up of a thin mesothelium with

some connective tissue.

B. Muscular is is formed by smooth muscles usually arranged into an inner longitudinal layer and outer circular layer.

C. Submucosal layer is formed of loose connective tissue.

D. An oblique muscle layer may by present in the stomach.

Answer: B

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37. Identify the plant given below.

choose the incorrect statement with respect to the drug obtained from the given plant.

A. The drug bind to specific receptors present in our central nervous system and gastrointestinal tract.

B. The drug is a very effective sedative and painkiller.

C. By the acetylation of obtained drug a white , odourless , bitter crystalline

compound is formed commonly called as smack.

D. The drug stimulates the nervous system, so used in the treatment of patient to cope with mental illness.

Answer: D

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38. The maximum volume of air a person can breathe in after a forced expiration is

A. Vital Capacity

B. Total Lung Capacity

C. Inspiratory Capacity

D. Functional Residual Capacity

Answer: A

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39. Cis - and trans - faces are present in

A. Endoplasmic reticulum

B. Golgi body

C. Ribosomes

D. Mitochondria

Answer: B

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40. Read the following statements about respiratory system of humans :

I. Type II alveoli help in secretion of a chemical surfactant called lecithin , which decreases the surface tension around alveoli.

II. The diffusion membrane for exchange of gases is made up of three major cellular layers.

III. Binding of oxygen with hemoglobin is primarily related to the partial pressure of O_2.

IV. Every 100 ml of oxygenated blood can deliver around 5 ml CO_2 to the tissues under normal physiological conditions.

How many statement is /are correct from the above ?

A. Two

B. Three

C. Four

D. One

Answer: A

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41. The division of centromere is absent in

A. Anaphase

B. Anaphase - I

C. Anaphase - II

D. All of these

Answer: B

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42. Which of the following types of natural selection results to form a higher and narrower peak after the selection process ?

A. Stabilising Selection

B. Directional Selection

C. Balancing Selection

D. Disruptive Selection

Answer: A

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43. Given below are four statements (A-D) , each with one blank. Select the option which correctly fills up the blank in any of the two statements.

i. Materials to be packaged in the form of vesicles from the ER fuse with the .....face of the Golgi apparatus.

ii. Majority of the chloroplasts of the green plants are found in the .....cells of leaves.

iii. The nucleolus is a site for active .....synthesis .

iv. During zygotene, chromosomes start

pairing together and this process of association is called ..... .

A. i. Trans , ii. Mesophyll

B. i. Mesophyll, ii. Ribosomal protein

C. iii. Transfer RNA, iv. Chiasmata

D. iv . Synapsis , i. Cis

Answer: D

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44. Darwin's finches on Galapagos islands are example of

A. Adaptive radiation

B. Divergent evolution

C. Biogeographical evidence

D. All of the above

Answer: D

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45. Match the following:

	Column I		Column II
a.	Lysosomes	(i)	Synthesis of steroid hormones
b.	Golgi apparatus	(ii)	Phagocytosis
c.	Smooth endoplasmic reticulum	(iii)	Glycosylation
d.	Rough endoplasmic reticulum	(iv)	Synthesis of secretory proteins

A. a(ii) , b(iv) , c(iii) , d(i)

B. a(ii) , b(iii) , c(iv) , d(i)

C. a(ii) , b(iii) , c(i) , d(iv)

D. a(ii) , b(i) , c(iii) , d(iv)

Answer: C

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46. At the end the G_2 phase , the number of chromosomes and the amount of DNA in a diploid cell , respectively , is

A. n and 2C

B. 2n and C

C. n and 4C

D. 2n and 4C

Answer: D

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47. Select the incorrect statement about evolution.

A. The Dinosaurs were suddenly disappeared from the earth about 65 million years ago.

B. The first mammals were like shrews.

C. The Neanderthal man with a brain size of 1400 cc lived in east and central Africa

75,000 - 10,000 years ago .

D. The skull of baby chimpanzee is more like adult human skull.

Answer: C

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48. In the plant cell during cytokinesis, cell wall development starts from

A. Peripheral and move towards centre of the cell

B. centre and move towards centre of the cell

C. centre and move towards peripheral of the cell

D. peripheral and move towards outside of the cell.

Answer: C

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49. Vascular bundles in a dicot stem are

A. Closed , collateral , endarch

B. Open, collateral , endarch

C. Closed , collateral , exarch

D. Open , collateral , exarch

Answer: B

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50. In an old tree truck of mango , which tissue will be present in the maximum amount ?

A. Primary xylem

B. Primary phloem

C. Secondary xylem

D. Secondary cortex

Answer: C

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51. Which of the following options contains a set of protochordates ?

A. Balaenoptera , Macropus , Salpa

B. Delphinus , Columba , Doliolum

C. Doliolum , Ascidia , Saccoglossus

D. Salpa , Doliolum, Branchiostoma

Answer: D

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52. Which of the following is incorrect about the life cycle in Volvox ?

A. Sporophytic generation is represented only by the two - celled zygote .

B. Meiosis in the zygote results in the formation of haploid spores .

C. All the sporophytes are free - living

D. The dominant , photosynthetic phase is the free - living sporophyte.

Answer: B

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53. The most widely accepted method of contraception for females in India , who want to delay pregnancy and / or space children is

A. Intra Uterine Devices

B. Tubectomy

C. Oral Contraceptive Pills

D. Diaphragms

Answer: A

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54. Floral features are commonly used for identification of angiosperms because

A. reproductive parts are more conservative

B. flowers can be safely pressed

C. flowers are nice to work with

D. flowers have various colours and scents

Answer: A

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55. Which of the following pair of assisted reproductive techniques involves In-vivo fertilization ?

A. ZIFT and GIFT

B. GIFT and IUT

C. ICSI and GIFT

D. GIFT and IUI

Answer: D

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56. Which of the following is not true for double fertilization

A. It was discovered by Nawaschin .

B. The male gamete and secondary nucleus fuse to form the endosperm nucleus.

C. The endosperm nucleus is diploid .

D. The endosperm provides nutrition to the embryo.

Answer: C

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57. Select the incorrect statement about multiple ovulation embryo transfer (MOET) technology.

A. MOET is one of the programme for herd improvement and applied for cattle (including cows) , buffaloes, sheep , goat , rabbit , mares etc.

B. In this, a cow is administered hormones, with FSH like activity to induce follicular maturation and super ovulation .

C. The fertilised eggs at 8-32 cells are recovered surgically and transferred to surrogate mother.

D. This method is used to increase the herd size in a short time period .

Answer: C

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58. In some plants , pollen release and stigma receptivity are not synchronized . Stigma becomes receptive much before the release of pollen. This is known as :

A. Protoandry

B. Protogyny

C. Homogamy

D. Herkogamy

Answer: B

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59. How many is / are an incorrect matches in the following ?

(1) Menopause : Cessation of menstruation in

primate females.

(2). Cleavage : Rapid meiotic cell division occurs inside the fallopian tube .

(3). Spermiation : Release of sperms from the epididymis to penile urethra.

(4) Implantation : The embedding of blastocyst to the myometrium of the uterus which leads to pregnancy.

A. Three

B. One

C. Four

D. Two

Answer: A

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60. Identify the correct sequence for different stages of embryo development in dicots .

A. Proembryo - Torpedo stage - globular embryo

B. Zygote - Heart shaped embryo - globular embryo

C. Globular embryo - Torpedo or mature embryo - hearth shaped embryo

D. Globular embryo - Heat shaped embryo - mature embryo .

Answer: D

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61. Find the odd one out with respect to hormones secreted by placenta .

A. Estrogens

B. Human chorionic gonadotrophin (hCG)

C. Oxytocin

D. Human placental lactogen (hPL)

Answer: C

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62. The genome of how many of the following organisms has been sequenced during HGP. Human , Yeast , Drosophila , Honey bee , Rice , Wheat , Arabidopsis , Caenorhabditis.

A. Five

B. Six

C. Seven

D. Eight

Answer: B

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63. Which of the following will have the same ploidy level ?

A. Primary spermatocyte , primary oocyte, and second polar body

B. Oogonia , primary oocyte , and first polar body

C. Second polar body , spermatids, and primary spermatocyte

D. First polar body , secondary oocyte , and spermatozoa.

Answer: D

64. Which of the following is incorrect in relation to an adapter molecule ?

A. It has an anticodon loop that has bases complementary to the code

B. It is also called sRNA .

C. It has an amino acid acceptor end which it binds to amino acid.

D. It shows an inverted L - Shaped 2 -D structure .

Answer: D

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65. Which of the following is not synthesized by RNA polymerase III ?

A. tRNA

B. snRNA

C. 5S rRNA

D. 5.8S rRNA

Answer: D

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66. Which one of the following set of diseases belongs to the same category of causative agents ?

A. Tetanus, Typhoid , Pneumonia

B. Dengue, Typhoid , Malaria

C. Chikungunya , Dengue , Malaria

D. Mumps , Polio , Plague.

Answer: A

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67. In an experiment, AaBb obtained in the (F1) generation was test crossed. In the progeny , genotype Aabb and aaBb were more frequent than AaBb and aabb. Then the genotype of the parents should be

A. AABB and aabb

B. AAbb and aaBB

C. AAbb and AABB

D. AABB and aaBB

Answer: B

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68. All of the following cells are examples of cellular barriers , except

A. Natural killer cells (NK cells)

B. Macrophages

C. Lymphocytes

D. Neutrophils

Answer: C

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69. Which of the following is / are vectors for cloning in the eukaryotic organisms ?

I. Plasmid

II. Bacteriophages

III. Ti plasmid

IV. Disarmed retrovirus.

A. I and II

B. II and III

C. I, II and III

D. All of these

Answer: D

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70. If rDNA is introduced in a gene coding for ampicillin , then

A. The host will become resistant for ampicillin .

B. The host will loose resistant for ampicillin.

C. The host will start producing ampicillin

D. The host will start producing tetracycline.

Answer: B

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71. Which of the following shows the correct sequence of processes with respect to the PCR ?

A. Extension , denaturation , annealing

B. Denaturation , annealing , extension

C. Denaturation , extension , annealing

D. Annealing , extension , denaturation

Answer: B

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72. Which of the following shows the correct pairing of th organism and the number of chromosomes found in meiocyte ?

A. Ophioglossum -630

B. Potato - 24

C. Maize - 20

D. Apple -17

Answer: C

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73. Select incorrect statement regarding microporogenesis in an anther

A. The developing microspore completely consumes tapetum and middle layer.

B. The microspores , as they are formed , are arranged in a cluster of four cells - the microspore tetrad

C. Each microsporogenesis involves one meiosis and three mitosis

D. A large number of microspore mother cell undergoes meiosis to form microspore in one pollen sac

Answer: C

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74. An allele is said to be recessive , when it expresses in

A. Heterozygous condition only

B. F_1 generation only

C. Homozygous conditions only

D. Both homozygous and heterozygous condition.

Answer: C

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75. Select the incorrect statement .

A. Linkage is inversely proportional to independent assortment .

B. Persons affected by PKU do not show mental disorders.

C. The F_2 phenotypic and genotypic ratio is the same in incomplete dominance.

D. In dihybrid, cross each character inheritance resemble a monohybrid cross.

Answer: B

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76. A man having the genotype EEFfGgHH can produce P number of genetically different sperms, and a woman of genotype liLLMnNn can generate Q number of genetically different eggs. Determine the values P and Q

A. P - 4, Q - 4

B. P - 4, Q - 8

C. P - 8, Q - 4

D. P - 8, Q - 8

Answer: B

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77. Which of the following is incorrect in relation to sex determination in organisms?

A. In male grasshopper , 50% of the sperms have no sex chromosome

B. Usually, female birds produce two type of gametes based on sex chromosome.

C. The human males have one of their sex chromosome much shorter than other.

D. In domesticated fowls, the sex of the progeny depends on the type of sperm rather than the egg

Answer: D

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78. Which of the following is an incorrect statement ?

A. Brown algae has chlorophyll a and c, and fucoxanthin

B. In green algae, the cell wall is made up of cellulose.

C. The red algae usually reproduces vegetatively by fragmentation .

D. The food is stored as laminarin in red algae

Answer: D

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79. The species of plants that play a vital role in controlling the relative abundance of other species in a community are called

A. Edge species

B. Keystone species

C. Pioneer species

D. Seral species

Answer: B

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80. Which of the following is expected to have the highest value $\left(gm/m^2/yr\right)$ in a grassland ecosystem?

A. Tertiary production

B. Gross productivity

C. Net productivity

D. Secondary productivity

Answer: B

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81. cryII Ab and cry I Ab produce toxins that control:

A. cotton bollworms and corn borer respectively

B. corn borer and cotton bollworm respectively

C. cotton borer and corn bollworms respectively

D. corn borer and tobacco budworms respectively.

Answer: A

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82. The two gases making highest relative contribution to the greenhouse gases are:

A. CO_2 and CH_4

B. CH_4 and NO_2

C. $CFCs$ and N_2O

D. CO_2 and N_2O

Answer: A

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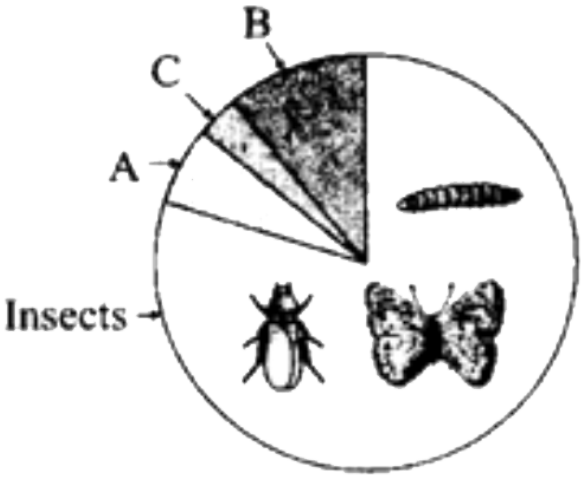
83. Identify A, B and C regarding the pattern of invertebrate global biodiversity in the figure

given below.



A. (A - Arthropods) , (B- Mollusca) , (C- Crustaceans)

B. (A - Crustaceans) , (B - Mollusca) , (C - Arthropods)

C. (A - Mollusca) , (B -Crustaceans) , (C - other animal groups)

D. (A - Mollusca) , (B - other animal groups) , (C - Crustaceans)

Answer: D

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84. Find the incorrect statement from the following .

A. Tropical rain forests cover around 6% of the

earth's land surface.

B. The Amazonian rain forest is being cut and cleared for soya bean cultivation or for conversion to grasslands for raising beef cattle.

C. Animal with migratory habits are badly affected by habitat loss and fragmentation.

D. Mammals and birds require small territories.

A. A and B only

B. A and D only

C. D only

D. B and C only

Answer: C

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85. The sequence of communities of primary succession in water is

A. Phytoplankton , sedges , free - floating hydrophytes , rooted hydrophytes , grasses and trees.

B. Phytoplankton , free - floating hydrophytes, sedges , sedges , grasses and trees.

C. Free - floating hydrophytes , sedges , phytoplankton , rooted hydrophytes , grasses and trees.

D. Phytoplankton , rooted submerged hydrophytes , floating hydrophytes , reed swamp , marsh meadow and trees .

Answer: D

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86. Find the incorrect statement .

A. In a terrestrial ecosystem , a larger fraction of energy flow occurs through detritus food chain.

B. In the aquatic ecosystem , a major conduit for energy flow is grazing food chain.

C. Detritus food chain is not at all connected with grazing food chain at any level.

D. Natural interconnection of food chain makes it a food web.

Answer: C

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87. Match the items in column 'A' and column 'B' and choose correct answer.

$Column A$	$Column B$
(i) Lady bird	(A) Methanobacterium
(ii) Mycorrhiza	(B) Trichoderma
(iii) Biological control	(C) Aphids
(iv) Biogas	(D) Glomus

The correct answer is

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

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

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

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

Answer: B

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88. Select the correct statement regarding lactobacillus acidophilus.

A. They produce acids the coagulate and partially digest milk fat.

B. They require a suitable temperature and medium for their multiplication.

C. They play a beneficial role by checking disease-causing microbes in our stomach.

D. They improve nutritional quality by increasing the amount of thiamine .

A. (A) , (B) and (C)

B. (B) and (C)

C. (B) , (C) and (D)

D. All of these

Answer: B

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89. Find out the incorrect statement .

A. Virus free plant can be obtained by meristem culture.

B. In micro - propagation somaclones are produced.

C. A living plant cell whose cell wall is removed is known as protoplast.

D. Pomato (gametic hybrid) has all the desired combinations of The

Answer: D

90. Find the incorrect drug also known as smack.

A. Coke - CNS depressant drug also known as smack.

B. Heroin - CNS depressant which slow down body functions .

C. Morphine - Opioids which is an effective sedative and painkiller.

D. Charas - Hallucinogenic chemical obtained from Cannabis sativa.

Answer: A

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