



SKP VANITHA MATRICULATION SCHOOL
Tiruvannamalai, Tamil Nadu, India - 606 611

ENTERENCE EXAM

11th STANDARD

SUBJECT: BIOLOGY

MARKS: 25

I. Choose the correct answer

(25x1=25)

1. _____ is not related to NIDDM.
(a) Insulin administration
(b) Controlled by medicine
(c) Obese
(d) Insulin action impaired
2. _____ is a symptom of CHD.
(a) Glycosuria (b) Ischemia
(c) Hyperglycemia (d) Polyphagia
3. Obesity is not a risk factor for _____.
(a) AIDS (b) diabetes
(c) arthritis (d) CHD
4. _____ help reduce blood sugar levels.
(a) Sweet potato (b) Tomato
(c) Beet root (d) Cane sugar
5. Polyphagia is a condition seen in
(a) Obesity (b) Diabetes mellitus
(c) Diabetes insipidus (d) AIDS
6. Metastasis is associated with
a) Malignant tumour
b) Benign tumour
c) Both (a) and (b)
d) Crown gall tumour
7. Pusa Komal is a disease resistant variety of
a) sugarcane (b) rice
b) cow pea (d) maize
8. We can cut the DNA with the help of
a) scissors
b) restriction endonucleases
c) knife
d) RNAase



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9. The 'use and disuse theory' was proposed by

- (a) Charles Darwin (b) Ernst Haeckel
(c) Jean Baptiste Lamarck (d) Gregor Mendel

10. The term Ethnobotany was coined by

- (a) Khorana (b) J.W. Harsbberger
(c) Ronald Ross (d) Hugo de Vries

11. _____ is called the Father of Palaeontology.

- (a) Pasteur (b) Birbal Sahani
(c) Haeckel (d) Leonardo da Vinci

12. The sex chromosomes in a human cell refer to the

- (a) 22nd pair (b) 20th pair
(c) 23rd pair (d) 21st pair

13. V shaped chromosomes are called

- (a) metacentric (b) acrocentric
(c) submetacentric (d) telocentric

14. The _____ units form the backbone of the DNA.

- (a) 5 carbon sugar (b) Phosphate
(c) Nitrogenous bases (d) Sugar phosphate

15. There are _____ polar nuclei in the embryo sac.

- (a) 2 (b) 3 (c) 4 (d) 1

16. Pollination with the help of insects like honey bees, flies are called _____.

- (a) Entomophily (b) Anemophily
(c) Hydrophily (d) Zoophily

17. Fragmentation is seen in _____.

- (a) Spirogyra (b) Bryophyllum
(c) Yeast (d) Hydra

18. _____ is a growth inhibitor.

- (a) Auxin (b) GA
(c) Cytokinin (d) Ethylene



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- 19. The plasma membrane of axon is called.**
1. axolemma
 2. axoplasm
 3. myelin sheath
 4. schwann cells
- 20. Each neuron can transmit_____nerve impulses per second.**
- (a) 2000 (b) 3000
(c) 1000 (d) 5000
- 21. Transpiration does not_____.**
- a) help in ascent of sap
 - b) help in keeping cells turgid
 - c) helps in cooling leaves
 - d) helps in translocation
- 22. Identify the wrong statement.**
- a) Guttation occurs through stomata.
 - b) Water molecules stick to xylem because of adhesion.
 - c) Stoma closes when guard cells are not turgid.
 - d) Elements like calcium are not remobilised.
- 23. The urinogenital canal of female rabbit is formed by union of__.**
- (a) urethra and vagina
 - (b) urinary bladder and urethra
 - (c) cowper's gland and urinary bladder
 - (d) urinary bladder and vagina
- 24. Amphivasal bundle belongs to_____type of vascular bundle.**
- (a) concentric (b) collateral
(c) conjoint (d) radial
- 25. Oxygen is produced at what point during photosynthesis?**
- a) when ATP is converted to ADP.
 - b) when CO₂ is fixed.
 - c) when H₂O is splitted.
 - d) All of these.

ALL THE BEST