

I CHOOSE THE CORRECT ANSWER:-

MARK - 50

- Casparian strips are present in the of the root.
a) Cortex b) pith c) pericycle d) endodermis
- Which is formed during anaerobic respiration
a) Carbohydrate b) Ethyl alcohol c) Acetyl CoA d) Pyruvate
- Kreb's cycle takes place in
a) Chloroplast b) mitochondrial matrix
c) Stomata d) inner mitochondrial membrane
- The segments of leech are known as
a) Metameres (somites) b) Proglottids c) Strobila d) All the above
- The body of leech has
a) 23 segments b) 33 segments c) 38 segments d) 30 segments
- The animals which give birth to young ones are
a) Oviparous b) Viviparous c) Ovoviviparous d) All the above
- Water which is absorbed by roots is transported to aerial parts of the plant through
a) cortex b) epidermis c) phloem d) xylem
- Node of Ranvier is found in
a) Muscles b) axons c) dendrites d) cyton
- Nerve cells do not possess
(a) neurilemma (b) sarcolemma (c) axon (d) dendrites
- The hormone which has positive effect on apical dominance is:
a) Cytokinin b) Auxin c) Gibberellin d) Ethylene
- Which one of the following hormones is naturally not found in plants:
a) 2, 4-D b) GA3 c) Gibberellin d) IAA
- Avena coleoptile test was conducted by
a) Darwin b) N. Smit c) Paal d) F.W. Went
- LH is secreted by
a) Adrenal gland b) Thyroid gland c) Anterior pituitary d) Hypothalamus
- Asexual reproduction takes place through budding in _____ .
a) Amoeba b) Yeast c) Plasmodium d) Bacteria
- Syngamy results in the formation of _____ .
a) Zoospores b) Conidia c) Zygote d) Chlamydo spores
- During transpiration there is loss of
a) carbon dioxide b) oxygen c) water d) none of the above
- Root hairs are
a) cortical cell b) projection of epidermal cell c) unicellular d) both b and c
- The wall of human heart is made of
a) Endocardium b) Epicardium c) Myocardium d) All of the above
- 'Heart of heart' is called
a) SA node b) AV node c) Purkinje fibres d) Bundle of His
- Bipolar neurons are found in (a) retina of eye (b) cerebral cortex
(c) embryo (d) respiratory epithelium
- There are pairs of cranial nerves and pairs of spinal nerves.
(a) 12, 31 (b) 31, 12 (c) 12, 13 (d) 12, 21

22. Which nervous band connects the two cerebral hemispheres of brain?
 (a) thalamus (b) hypothalamus (c) corpus callosum (d) pons
23. The essential parts of a flower are _____ .
 a) Calyx and Corolla b) Calyx and Androecium
 c) Corolla and Gynoecium d) Androecium and Gynoecium
24. Anemophilous flowers have _____ .
 a) Sessile stigma b) Small smooth stigma c) Colored flower d) Large feathery stigma
25. Which one of the following is an IUCD?
 a) Copper – T b) Oral pills c) Diaphragm d) Tubectomy

II FILL IN THE BLANKS:-

- Glycolysis takes place in _____.
- _____ spinal nerves are present in rabbit.
- The normal human heartbeat rate is about _____ time per minute.
- _____ is the longest cell in our body.
- The part of human brain which acts as relay center is _____.
- _____ causes stomatal closure.
- Calcium metabolism of the body is controlled by _____.
- In the islets of Langerhans, beta cells secrete _____.
- Planaria reproduces asexually by _____.
- Prolactin is a hormone produced by _____.
- _____ is ATP factory of the cells.
- Normal blood pressure is _____.

MATCH

- | | | |
|-------------------|---|-----------------------|
| 1. Amphotericin B | - | Dracaena |
| 2. Cambium | - | Translocation of food |
| 3. Amphivasal | - | Fern |
| 4. Xylem | - | Secondary growth |
| 5. Phloem | - | Conduction of water |

TRUE OR FALSE:-

- Mesophyll contains chlorophyll.
- Initiation and stimulation of heart beat take place by nerves.
- Hypothalamus is the thermoregulatory centre of human body
- Cerebrospinal fluid provides nutrition to brain.
- Pons helps in regulating respiration
- Gibberellins cause parthenocarpy in tomato.
- Estrogen is secreted by corpus luteum.
- Pituitary gland is divided into four lobes

kindly send me your key Answers to our email id - padasalai.net@gmail.com