

VISWABHARATI (E.M) HIGH SCHOOL
OBJECTIVE ASSIGNMENT
WORK SHEET – 3
(Lesson 5 & 6)

Class: X
 Sub: Biology

Time: 1 ½ hr
 Marks: 35

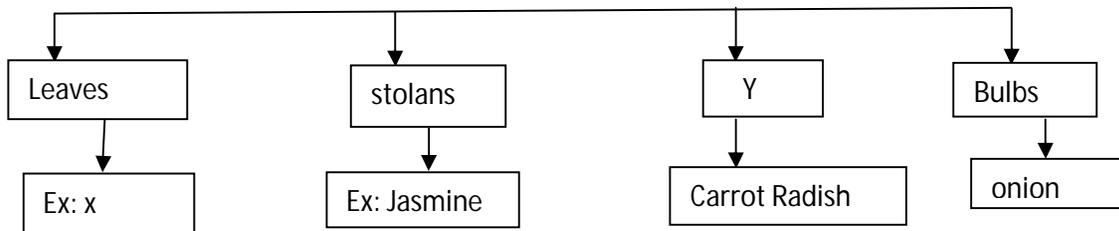
I. Answer the following Questions : (½ mark Questions)

30 × ½ = 15

1. Which root according to you gets signals from afferent nerves?
2. Why does anger come down?
3. “Plants respond to Stimuli” During a project work on it, from which plants do you collect information and record it?
4. Which glands are common in male and female?
5. Rangaiah is suffering from sugar diabetes. Which hormone is responsible for it?
6. Who conducted this experiment?

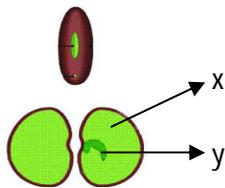


7. There are 43 pairs of nerves in PNS, among them. There are x pairs of cranial nerves and y pairs of spinal nerves? x,y?
8. _____ scientist concluded that nerves were of two kinds those of sensation and those of action?
9. Dilation of Pupil, Accelerates heart beat, increase blood pressure decreases secretion of digestive glands are controlled by which system of ANS?
10. 1. Geotropism [] a) pollination
 2, Thigmotropism [] b) Soil
 3. Chemotropism [] c) Tendril
11. Regeneration could be known as a type of fragmentation. Do you agree? Why? Why not?
12. What is the virus which causes AIDS?
13. Vegetative propagation, Name the x,y?



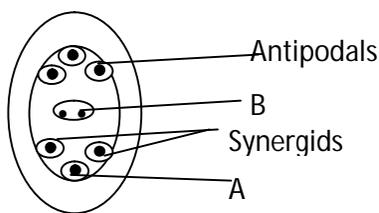
14. Hibiscus : Bisexual flowers : : papaya : ?
15. STD stands for

16. Label the X,Y, parts



17. Thousands of plants can be grown in very short interval of time in _____ method
18. Vasectomy, Tubectomy means?
19. What is colostrum?

20.



Label the parts ? A & B

21. Match the following: []

| | |
|------------------|--------------------|
| 1. Somatotrophin | a) fight / flight |
| 2. Adrenalin | b) growth of bones |
| 3. Testosterone | c) males |
| A) 1-a, 2-b, 3-c | B) 1-c, 2-b, 3-a |
| | C) 1-b, 2-c, 3-a |
| | D) 1-b, 2-a, 3-c |
22. Brain uses _____ % of the whole body energy
23. The ‘H’ shaped structure in the T.S. of spinal cord is []

| | | | |
|-----------------|---------|-----------------|----------|
| A) Green Matter | B) Gyri | C) White Matter | D) Sulci |
|-----------------|---------|-----------------|----------|
24. Find out the odd one []

| | | | |
|---------|-------------|----------|----------|
| A) Axon | B) Dendrite | C) Cyton | D) Valve |
|---------|-------------|----------|----------|

25. The sensory centre that controls various actions in the body is cerebellum
(Correct the sentence and rewrite)
26. Sequential events that bring about responses
1) detecting the stimuli 2) transmission of information then 3,4 are _____ []
A) response – Analysis B) Analysis – Reflex
C) Analysis – Response D) Reflex – Analysis

27. This type of response is _____



28. Cytokinins : Opening of Stomata : : _____ : closing of stomata
29. The first phyto hormone Auxin was discovered by _____
30. High concentration of Auxin stimulates stem growth and inhibit _____ growth.

II. Answer the following Questions(one mark Questions)

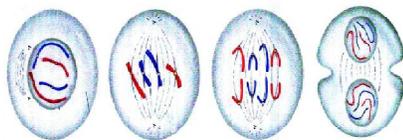
20 Marks

1.



Name the type of response shown by the plant in the picture.

2. The functional gap between two neurons is _____
3. In a neuron electrical impulse travels in _____
A) Dendrites → Axon → Axon terminal → Cell body
B) Cell body → Axon → Dendrites → Axon terminal
C) Dendrites → Cell body → Axon → Axon terminal
4. What is feed back mechanism?
5. You sat in the cricket ground. Ball was coming towards you. You escaped from it immediately.
Which type of reaction is this?
6. List – A List – B
1) Fragmentation - Fungi
2) Budding - Yeast
3) Binary fission - Flatworm
Identify the mis-matched pair.
7. In which of the following both sexual and asexual reproduction can be seen []
A) crocodile B) cheetah C) honeybees D) humanbeings
8. In which animals external fertilization takes place?
9. Expand ART ?
10. Ovary → → ovum → ovulation → fallopian tube → uterus
What will be in the box?
11. Which of the following is concerned with male reproductive system?
A) fallopian tubes B) testes C) placenta D) umbilical cord
12. The part called _____ growing in the soil is grafted with scion of the plant.
13. The number of cells in Embryosac. []
1) 7 cells ; 7 nuclei
2) 7 cells ; 8 nuclei
3) 8 cells ; 7 nuclei
14. AIDS : Virus : : Syphilis : ?
15. Indicates which phase?



16. G₁, S, G₂ phases are occurs in which phase?
17. Give some examples for contraceptive devices?
18. Write one slogan to stop female foeticide.
19. Human embryo consist _____, Amnion, Allantois.
20. The passage of Spermatozoa
Seminiferous tubules → Vasa efferentia → Epididymis → Vasa deferentia → ? → Urethra