

# Dr.K.K.R.GOWTHAM E.M.HIGH SCHOOL-GUDIVADA

Class: X  
Sub: Biology

Max Marks:  
Time:

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## I. Answer the following Questions

12 × ½ = 6 M

1. What is Niche?
2. What is biodiversity?
3. Expand ICRISAT?
4. What stimulates hunger?
5. Write the path way of air from nostril to alveolus and explain it.
6. What is micro irrigation?
7. Which life process can be considered as the fundamental process for supply of energy to whole living world?
8. What is Role of roughage?
9. Where will the release of energy from the glucose in respiration take place? Mala writes lungs, while Jiya writes muscles. Who is correct and why?
10. Define bio accumulation?
11. Write about Haemophilia?
12. Who discovered oxygen?

## II. Answer the following Questions

8 × 1 = 8 M

13. How do non green plants such as fungi and bacteria obtain their nutrition?
14. How do you appreciate the lenticels?
15. What is meant by Brownian movement?
16. What is micturition?
17. What is parthenogenesis?
18. 'Man is called moving museum'. How do you support it?
19. What is pyramid of Biomass?
20. How anger occur ? What is its effect ?

## III. Answer the following Questions

8 × 2 = 16 M

21. If the valves in veins of the legs fail to stop the flow of blood, what could be the consequences of this failure.
22. How does sex determination take place in human? Explain with example.
23. How do you appreciate stomach as churning machine? How does this coordination go on?
24. Suggest any three programmes on prevention of soil pollution in view of avoiding pesticides.
25. We people have very less awareness about organ donation. To motivate people write slogans about organ donation.

26. Collect information on the actions controlled by spinal cord by using reference books from your school library?
27. What is global warming? What are the substances responsible for it?
28. Write note on food deficiency diseases

**IV. Answer all Questions**

**5 × 4= 20 M**

**Answer any one from Internal choice**

29. If we introduce a man in a forest ecosystem, at which level of food chain we will place him? Explain your answer.
30. Describe the mechanism of urine formation in man .
31. Write the differences between the following
  - a) Uremia-Urochrome.
  - b) Small intestine-Large intestine
  - c) Mastication-Rumination
  - d) Respiration-Photosynthesis..
32. Prepare a chart of digestive enzymes and Juices of the gut.

**Group-B**

33. Collect the information about endocrine glands from internet and accord the information in a tubular form?
34. Write the differences between Asexual and Sexual reproduction.?
35. How do you prove that sunlight is necessary to form starch in green plants ?
36. Draw a neat label diagram of Double fertilization and explain

**<< All the Best >>**