

- Instructions:**
1. In the Time duration of 2 hours 45 minutes, 15 minutes of Time is allotted to read and understand the question paper.
 2. Answer the questions under PART-A on Separate answer book.
 3. Write the answers to the questions under PART-B on the question paper itself and attach it to the answer book

PART-A**Time:2h 15mins****Max marks : 40**

- Instructions:**
1. PART-A comprises of three sections I,II,III,
 2. All the questions are compulsory
 3. There is no overall choice. However there is internal choice to the Questions under section - III

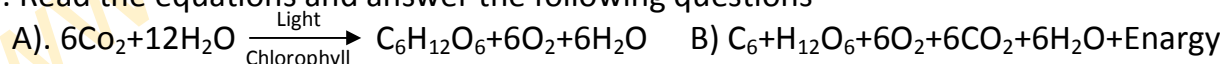
Section – I

7X1=7

- Note:**
1. Answer all the questing
 2. Each question Games 1 mark
 3. Answer each question in 1 or2 sentences
1. What are the requirements for photo Synthesis?
 2. Write the consequences if bile juice is not secreted?
 3. How food chain is recycled? What are they called?
 4. Expand the “ONGC” ?
 5. Which alkaloid present in “Neem plant”? And write its importance.
 6. Write any two alternative things against the plastic?
 7. Write any two appreciate things the artificial kidney, which same the kidney failure patients

Section -II

8. which is the “energy currency” in a cell? How much its value?
9. Draw a Flow chart on human digestive system ?
10. What are the reasons do you find by the malnutrition?
11. Describe about the 3R's method best for environment?
12. Prepare some slogans against the child marriages.
13. Read the equations and answer the following questions



1. What are the Product of equation A ?
2. What does the equation 'B indicates?

Section - III**Attempt the all questions given by the internal choice****4x4=16**

14. Explain the light dependent reaction and write the end Products of light reaction
(OR)

What are accessory excretory organs in Human body?

15. What is Ecological Pyramid? Biomass Pyramid is based on which aspects?
(OR)

It you have a chance of meet Nephrologists what questions. Would you like to ask about Healthy function of kidney?

16. Nerve cell is the structural and functional unit of nervous system. Write its structure with The help of a diagram?

(OR)

What are the precautions taken necessary against the sexual diseases?

17. Write the differences between Aerobic and anaerobic respirations

(OR)

Natural resources utilization is me kind of best saving the nation. How can you consider it?

PART-B

Time: 15 mins

Max. Marks: 05

Instructions:

1. Answer all the questions.
2. Each question carries $\frac{1}{2}$ marks.
3. Answers are to be written in the question paper only
4. Choose the correct Answer A/B/C/D in the given options.

18. Which element occurs in chloroplast? ()

- A) Calcium B) Manganese C) Zinc D) Iron

19. What happens if peristaltic movements are absent..... ()

- A) Food can be easily transported. B) Food cannot be easily transported
C) Poisonous food cannot be expelled

- 1) 1,2 2) 2,3 3) 1,3 4) 1,2,3

20. Which is the Functional and structural unit of Nervous System? ()

- A) Nervous B) Nephron C) Hormone D) Blood cell

21) Who Proposed the concept biological Pyramid? ()

- A) Lawmark B) Tansley C) Charles Elton D) None of these

22. Which acid have in Gastric juice ()

- A) Sulphuric acid B) Hydrochloric C) Nitric acid D) Phosphoric acid

23. In the following options which are the seedless endosperm? ()

- A) Paddy B) Maize C) Ground nut D)

24. Which function is worked as mixed gland of endocrine and exocrine glands ()

- A) Pituitary B) Adrenal C) Thyroid D) Phloem

25. Arrange the events of respiration in order ()

- 1) Exchange of gaseous at tissue level 2) cellular respiration
3) Transportation of gaseous by blood

- A) 1,2,3,4 B). 3,2,1,4 C). 4,3,1,2 D) 4,3,2,1

26. Which Percentage of deforestation Seen in every year. ()

- A) 15% B) 18% C) 21% D) 33%

27. What are the main Portion under respiration movement in men? ()

- A) rib cage B) rib bones C) abdominal cavity D) Lungs