

Sahaj Adhyayan (सहज अध्ययन)

जर हे **Practice Question Papers** तुम्हाला खरंच फायदेशीर वाटत असतील तर तुमच्या सर्व मित्र मैत्रिणींना पाठवा.

त्यांना देखील ह्या सर्वांचा अभ्यासासाठी फायदा होऊ द्या.

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जर तुमच्या जवळ कोणत्याही इयत्तेच्या, कोणत्याही परीक्षेच्या, कोणत्याही विषयाचे, Question Papers असतील

तर ते आम्हाला WhatsApp वर पाठवा,

इतर विद्यार्थी मित्रांना त्या सर्वांचा उपयोग होईल.

This Question paper shared by Aditya from Pune, Thanks Aditya.

of Arts, Science & Commerce, Baramati.
Terminal Examination Dec/Jan 2021-22
Subject-Biology

Std.-XI science
Date-01/01/2022

Marks-50
Time-10.00 to 12.30 pm

General Instructions:-

1. The Question paper is divided into four sections namely A, B, C and D.
2. Section-A: Q. No.1 contains seven multiple choice type questions carrying one mark each.
Q. No.2 contains seven very short answer type of questions carrying one mark each.
3. Section-B: contains Q. No. 3 to Q. No. 13 are short answer type of questions, carrying two marks each.
4. Section-C: contains Q. No. 14 to Q. No. 19 are short answer type of questions, carrying three marks each.
5. Section-D: contains Q. No. 20 to Q. No. 23 are long answer type of questions, carrying four marks each.
6. Figures to the right indicate full marks.
For each MCQ, correct answer must be written along with its alphabet. [E.g. (a).... / (b).... / (c).... / (d).... only first attempt will be considered for evaluation].

Section-A

Q. No. 1. Select and write the correct answer :

[7]

- i. is an example of plant like protist.
A) Diatoms B) Euglenoid C) Entamoeba D) Euglena.
- ii. Which of the following is not included in sub-kingdom cryptogamae?
A) Thallophyta B) Gymnospermae
C) Pteridophyta D) Bryophyta.
- iii. In which of the following has ratio of hydrogen and oxygen atoms is 2:1?
A) Proteins B) Fats C) Carbohydrates D) Oil.

iv. Which of the following shows single stranded RNA and lacks protein coat?

- A) Bacteriophage
B) Plant virus
C) Animal virus
D) Viroid.

v. Urea is produced by which cycle

- A) deamination
B) inosinic acid pathway
C) urea cycle
D) anabolic activity.

vi. Cells of bones are called as.....

- A) Neuroglial cells
B) Osteocytes
C) Sarcolemma
D) Perichondrium.

vii. Human is.....

- A) Ammonotelic
B) Ureotelic
C) Uricotelic
D) Guanotelic

[7]

Q.2. Answer the following :-

- Who referred virus as 'Contagium Vivum Fluidum'? *Bryophyta*
- Give any two examples of pteridophyta?
- Which organism responsible for 'red-tide'?
- Name the cells found in Adipose tissue.
- Define Histology.
- What is the structural and functional unit of kidney?
- Give any two examples of Ureotelic animal.

Section – B

Attempt any Eight of the following :-

[16]

Q. No.3. Give salient feature of division - Bryophyta .

Q. No.4. Match the following.

	Kingdom		Example
1	Monera <i>d c</i>	a	<i>Riccia</i>
2	Protista <i>d</i>	b	<i>Cyanobacteria</i>
3	Plantae <i>b</i>	c	<i>Rhizopus</i>
4	Fungi <i>a</i>	d	<i>Paramoecium</i>

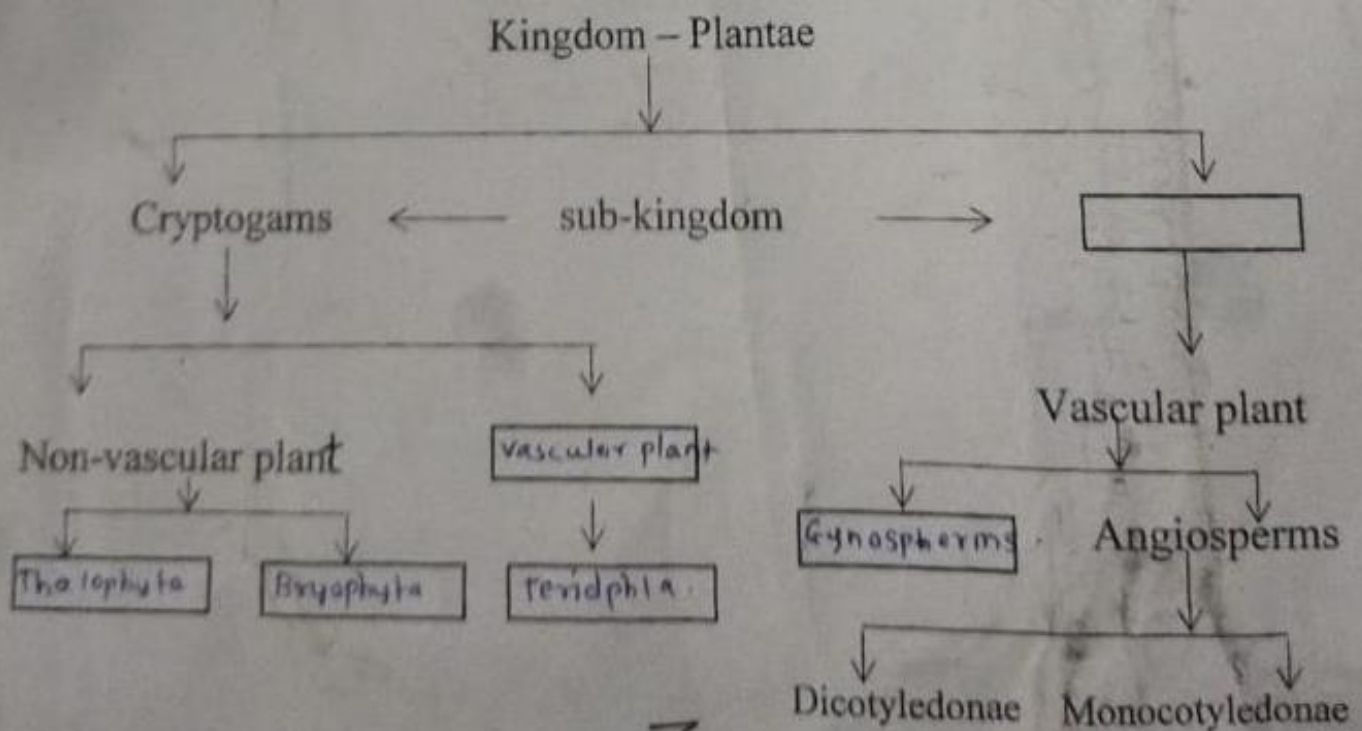
- Q. No.5. Give the biological significance of carbohydrates.
- Q. No.6. Differentiate between viruses and viroids.
- Q. No.7. Enlist the characteristics of class chlorophyceae with suitable example.
- Q. No.8. Write the location and function of squamous epithelial tissue.
- Q. No.9. Describe the structure of Hyaline cartilage.
- Q. No.10. Define the following terms.
a) Excretion b) Deamination.
- Q. No.11. How many ureters present in human excretory system? What is the length of ureter?
- Q. No.12. Explain the structure of areolar connective tissue.
- Q. No.13. Sketch and label the diagram of L.S. of kidney.

Section- C

Attempt any Four of the following.

[12]

- Q. No.14. Explain lichens in detail.
- Q. No.15. Draw neat and labelled diagram of Clover-leaf model of t-RNA.
- Q. No.16. Complete the given flow chart and rewrite.



- Q. No.17. Explain the structure, function and location of columnar epithelial tissue.
- Q. No.18. Describe Ureotelism.
- Q. No.19. Explain the structure of skeletal muscle.

Section – D

Attempt any Two of the following:-

[8]

- Q. No.20. What are nucleic acids? Enlist the point of differences among DNA and RNA.
- Q. No.21. Write the characteristics of gymnosperm in detail.
- Q. No.22. Describe the structure of multipolar neuron.
- Q. No.23. Describe human excretory system.

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