

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.

For more study material connect with us on

Instagram: www.instagram.com/sahajadhyayan

YouTube (मराठी माध्यम): www.youtube.com/sahajadhyayan

YouTube (Semi/English):

www.youtube.com/SahajAdhyayanSemiEnglish

Telegram (for PDF): t.me/sahajadhyayan

Facebook: www.facebook.com/sahajadhyayan

WhatsApp (only Message, No calls): **855 289 2890**

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.

Subject : Biology

Time 60 Min.

Section (A)

(4)

Q. 1 Select and write the correct answer.

- I. Which is not a property of living organisms.
a) Metabolism b) Decay c) Growth d) Reproduction
- II. Which of the following shows single stranded RNA and lack protein coat.
a) Bacteriophage b) Plant virus c) Viriod d) Animal virus
- III. A characteristic of Angiosperm is ...
a) Collateral vascular bundle b) Radial vascular bundle
c) Seed formation d) Double fertilization
- IV. Which of the following belongs to a minor phylum.
a) Comb jelly b) Jelly fish c) Herdmania d) Salpa

Q. 2 Answer the following.

(3)

- I. What is mean by catabolism?
- II. Give any one name of protista.
- III. Give the name of tissue which transferred food in plant.

Section (B)

Q. Attempt any four.

(8)

- Q. 3 Give any two principles of life.
- Q. 4 Give any two characters of kingdom Monera.
- Q. 5 Write the name of pigment in Red and Brown algae.
- Q. 6 Distinguish between Gymnosperm and Angiosperm.
- Q. 7 Classify the virus.
- Q. 8 Give the characters of pteridophyta.

Section (C)

Q. Attempt any two.

(6)

- Q. 9 Sketch and label Bacteriophage.
- Q. 10 Differentiate between Dicot and Monocot plant.
- Q. 11 Give the characters of kingdom Bryophyte.

Section (D)

Q. Attempt any one.

(4)

- Q. 12 Give the different types of protista with suitable example.
- Q. 13 Give the characters of fungi, classify with suitable example.

- Q. 5 State and explain Dalton's atomic theory.
- Q. 6 Explain the term molar mass.
- Q. 7 What is meant by semi microanalysis?
- Q. 8 What is meant by the qualitative analysis of inorganic compounds?
- Q. 9 What do you understand by the terms (a) Residue (b) Filtrate.
- Q. 10 What are isotopes & isobars? Give example.
- Q. 11 What are the characteristics of isobars?
- Q. 12 What is a quantum number?
- Q. 13 Describe the shapes of p -orbital.

Section (C)

Q. Attempt any four.

(12)

- Q. 14 Explain Aufbau principle.
- Q. 15 Explain Paulis exclusion principle.
- Q. 16 Explain fundamental units & derived unit.
- Q. 17 State and explain the law of multiple proportions.
- Q. 18 Explain different physical properties.
- Q. 19 State and explain Avogadro's law.

Section (D)

Q. Attempt any two.

(8)

- Q. 20 Define term atom. State and explain Gay-Lussac's law of gaseous volume.
- Q. 21 How is scientific notation useful in presenting data? Explain giving example.
- Q. 22 Explain the process of solvent extraction.
- Q. 23 Write electronic configuration of copper and chromium.

2022.01.08 18:22