



PANCHSHEEL PUBLIC SCHOOL

10+2 Senior Secondary School (Affiliated & Recognized by CBSE)
Jaitpur, Badarpur, New Delhi-44

Revision Mid Exam 2023-24

Time: **Subject: Biology** **Class: XI.** **M. Marks: 50**
Name..... **Roll No.....** **Section** **Date:**

1. Which is less general in characters as compare to genus? (1)
i) Family ii) Division iii) Class iv) Species
2. Linnaeus used which kingdom of classification (1)
i) Artificial ii) Natural iii) Phylogenetic iv) Asexual
3. Sexual reproduction by the population of male and female followed by embryological development is characteristic feature of- (1)
i) Animalia ii) Fungi iii) Mucor iv) Plantae
4. A plant that has seeds but no flower and fruits is (1)
i) Bryophytes ii) Gymnosperms iii) Mosses iv) Pteridophytes
5. Most primitive vascular plant is (1)
i) Mosses ii) Cycads iii) Kelps iv) Ferns
6. Which class has largest number of animals? (1)
(i) Fishes (ii) Reptiles (iii) Insects (iv) Mammals
7. Salamander belongs to- (1)
i) Pisces ii) Aves iii) Reptiles iv) Amphibian
8. A fruit developed from a condensed inflorescence is- (1)
i) Composite ii) Simple iii) Aggregate iv) Etaeria
9. Metamerism is a characteristic of (1)
i) Porifera ii) Platyhelminthes iii) Annelida. iv) Mollusca
10. Roots developed from parts of plant other than radicle are called (1)
i) Taproot ii) Fibrous root iii) Adventitious root iv) Nodular root.
11. What is the difference between sexual and asexual reproduction ? (2)
12. Write two characteristics of fungi. (2)
13. Both gymnosperms and angiosperms bear seeds. But then why are they classified separately? (2)
14. What is the difference between direct and indirect development? (2)
15. What do you mean by Venation? (2)
16. Differentiate between vertebrate and chordates. (2)
17. Write the difference between simple leaf and compound leaf? (2)
18. What are the components and their role in xylem and phelom. (3)
19. Write a note on organ system and organisms. (3)
20. What do you mean by symmetry? Explain its types with examples. (3)
21. Write a short note on root system. (3)
22. Bacteria are the sole members of the Kingdom Monera. They are the most abundant micro-organisms. Bacteria occur almost everywhere. They also live in extreme habitats such as hot springs, deserts, snow and deep oceans where very few other life forms can survive. Many of them live in or on other organisms as parasites. Bacteria are grouped under four categories based on their shape –the spherical Coccus (pl.: cocci), the rod-shaped Bacillus (pl.: bacilli), the comma-shaped Vibrium (pl.: vibrio) and the spiral Spirillum (pl.: spirilla).
On the basis of above passage answer the following questions. (4)
(a) What are the other members of kingdom monera?
(b) Write the characteristics of bacteria.

(c) Give one base of classification in bacteria.

(d) Why bacteria is considered as complex organism.

23. Draw the diagram of various types of asetivations.

(5)

24. Explain the alimentary canal of frog with diagram.

(5)