



# **BIOLOGY**

# **BOOKS - UNITED BOOK HOUSE**

# HAS QUESTION PAPER



1. The position of prokaryotes in the five

kingdom classification:

1. Monera

2. Protista

- 3. Planti
- 4. Animalia

A. Moncra

B. Protista

C. Planti

D. Animalia

#### **Answer:**

2. In which phylum the animals are

Pseudocoelomates?

- 1. Cnidaria
- 2. Nematoda
- 3. Annelida
- 4. Arthropoda.
  - A. Cnideria
  - B. Nematoda
  - C. Annelida
  - D. Arthropoda.

#### Answer:



- **3.** Who coined the term 'Biodiversity'?
- 1. Hooker
- 2. W. Rosen
- 3. Candole
- 4. Radford.
  - A. Hooker
  - B. W. Rosen

C. Cndole

D. Radford.

#### Answer:



4. The third word of trinomial nomenclature:

1.Species

2.Genus

**3.Sub Species** 

4.Subgenus.

### A. Species

- B. Genus
- C. Sub Species
- D. Subgenus.

#### **Answer:**

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**5.** The fungal body of Lichen is:

- 1. Phycobiont
- 2. Mycobiont

3. Lichobiont

4. None of these.

A. BIOcobiont

B. Micobiont

C. Lichobiont

D. None of these.

**Answer:** 

6. In which phylum sea pen belongs?

- 1. Ctenophora
- 2. Annelida
- 3. Chordata
- 4. Cnidaria
  - A. Ctenophora
  - B. Anyelida
  - C. Chorelate
  - D. Cnidera





7. The outermost layer of root is:

1.Cuticle

2.Epidermis

3.Cortex

4.Epiblemma

A. Cuticle

B. Epidermis

C. Cortex

# D. Epiblemma.

#### Answer:

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# 8. Which of the following is mechanical tissue?

- a. Xylem fibre
- b. Phloem fibre
- c. a & b
- d. None of the these.

A. Xylem fibre

B. Phloem fibre

C. a & b

D. None of the these.

#### Answer:

- 9. Which one is a modified subaerial stem?
- 1. Offset
- 2. Runner

3. Stolon

4. all

A. Offset

B. Runner

C. Stolon

D. all

Answer:

**10.** In which muscle the inter calloted disc is found?

A. Involuntary

B. Voluntary

C. Cardiac

D. All

### Answer:

11. How many ovurioles are present in

cockroach's overy?

A. 5

B. 6

C. 8

D. 5 pairs.

#### **Answer:**



12. Micelle Is found in

A. Cellwall

- B. Cellmembrane
- C. Microtubule
- D. Nucleus.

Answer:

13. In which carbon of Deoxyribose oxygen is absent? a.  $C_1$ b.  $C_2$ c.  $C_3$ d.  $C_4$ 

A.  $C_1$ 

- $\mathsf{B.}\,C_2$
- $\mathsf{C.}\,C_3$

# D. $C_4$

#### Answer:



**14.** In which sub phase of meiosis synapsis occurs?

- 1. Leptotene
- 2. Zygotene
- 3. Pachytene
- 4. Diplotene

A. Leptotene

#### B. Zygotene

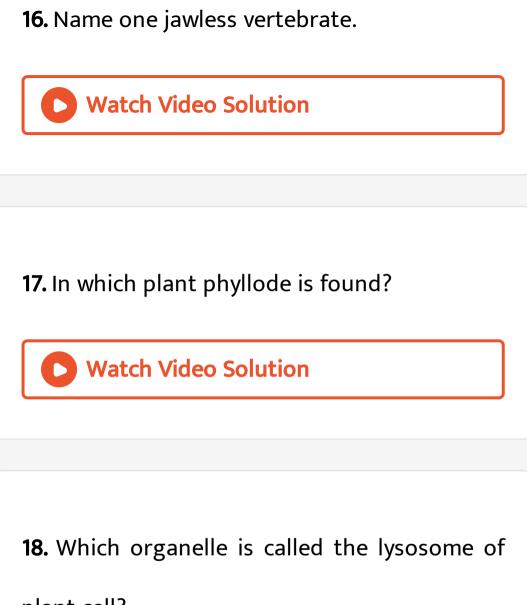
C. Pakitene

D. Diplotene

#### Answer:

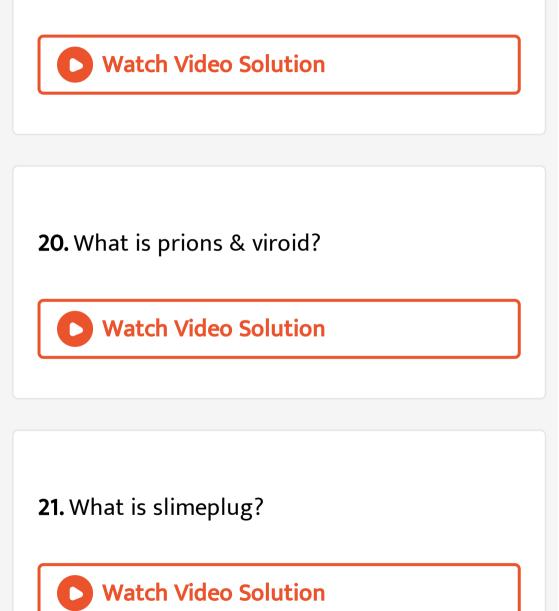
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# **15.** Who is called the father of Zoology?



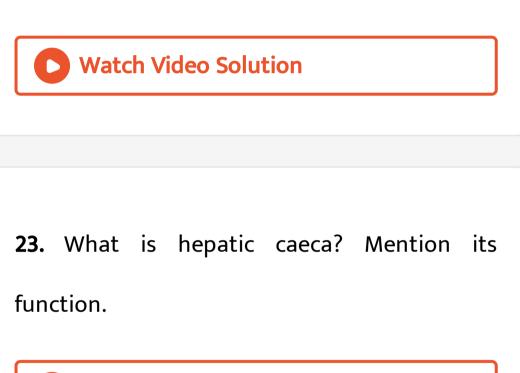
plant cell?

**19.** What do you mean by beta diversity?



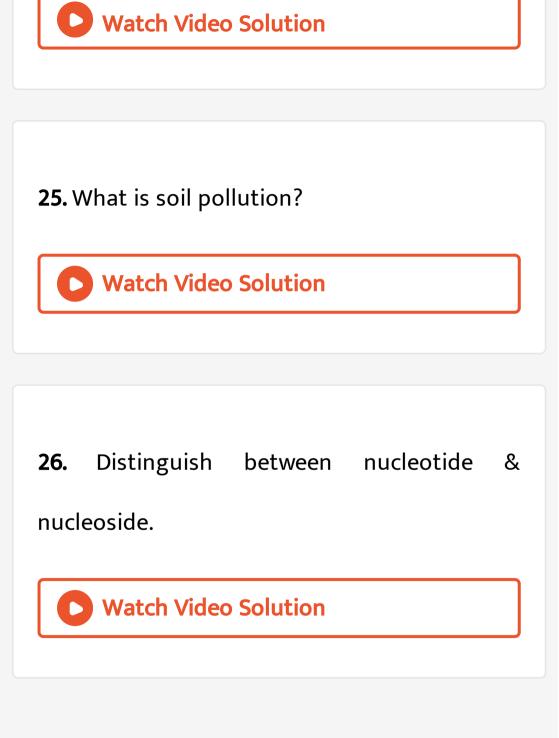
22. Distinguish between stem hair and root

hair.

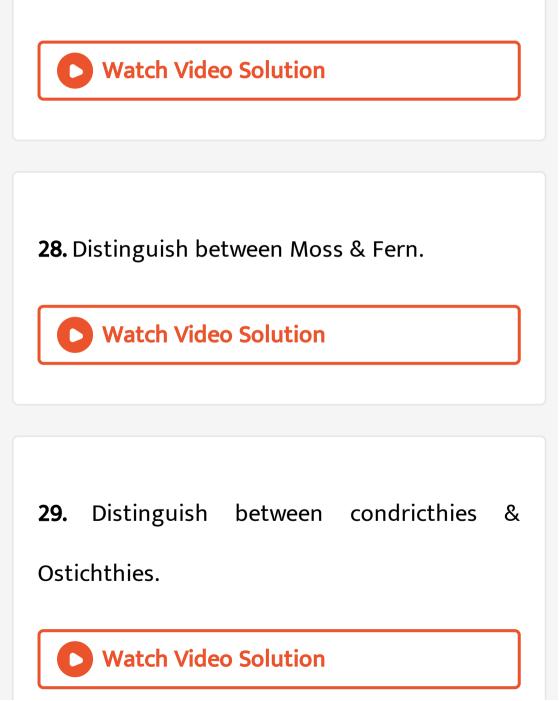




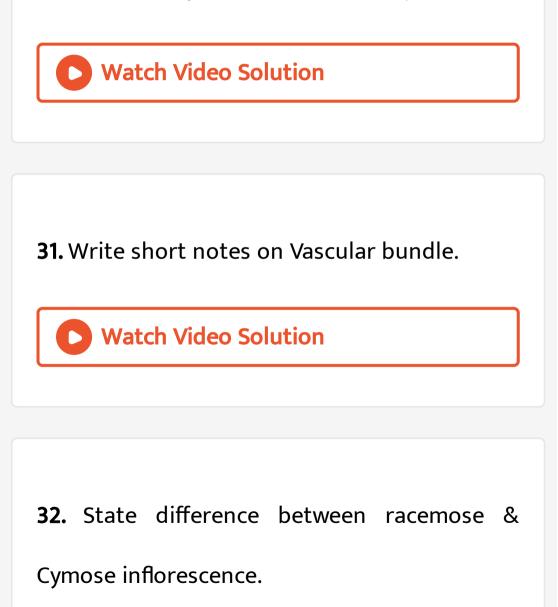
**24.** Define holocrine gland?



**27.** What do you mean by 'Law of Priority'?



**30.** Stat the importance of taxonomy.





**33.** What is a estivatim? Mention the aestivation types of the petals & sepals of china rose.

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34. Write short note on Storage root.

35. Distinguish between striated muscle and

smooth mucle

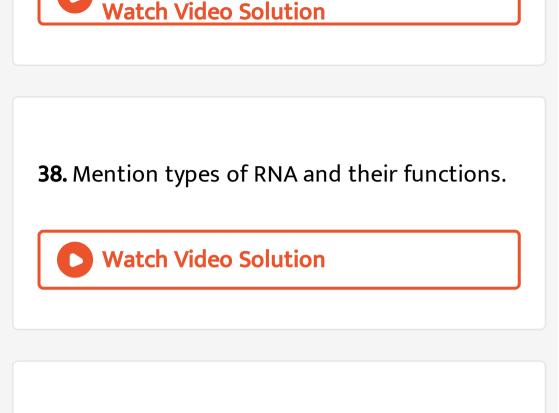


**36.** Draw the labelled diagram of the respiratory system.

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**37.** The male reproductive system of cockroach.





39. Distinguish between Golgy & ER. What is

Ribophorin.

40. What do you mean by Peptide, Glycosidic &

Ester bond?



**41.** Explain = "All vertebrates are chordates limit all chordates are not vertebrates"? What is choanocytes?



42. State the components of taxonomy. What

is identification? Who is the father of taxonomy?



43. Classify meristematic tissue. What do you

mean by arregate fruit?

**44.** Distinguish between connective tissue & epithelial tissue. Where is globlet cell found? Distinguish between male & female cockroach.



# 45. How the enzyme actions is controlled by

 $P^H$  Temperatim? What is ribozyme?

**46.** Distinguish between mitcondria & chloroplase. What is crossing over & mchiasrm? Where is boquets stage seen?