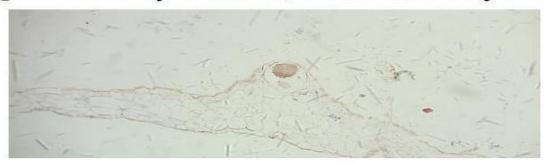
Q1: A/ Identify this slide; and then classify it?



**B**/ Draw and label the anatomy of the thalus (T.V.S) of the species above.

Q2:A/ 1. Identify these two slides A & B.

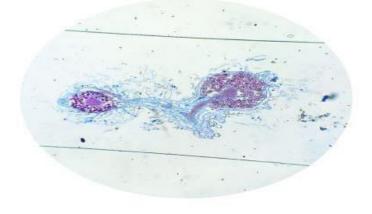
2. To which genus they are belonging; classify it.



**B**/ The anatomy of thallus in **this species** is dorsoventrally differentiated to upper.....region and lower....region.

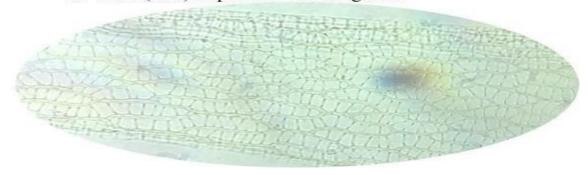
Q3: A/ Identify this slide.

**B**/ Define and describe it; in brief.



Q4: 1. Identify this slide; Explain it.

- 2. to which Division and sub class they are belonging?
- 3. Write the common name of it.
- 4. Write (two) importance of this genus.

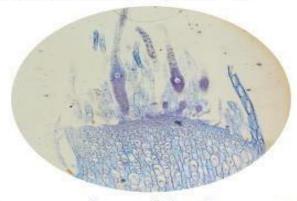


**Q5:** A/These two slides A & B belong to one genus; Identify them.

B/ Classify it.



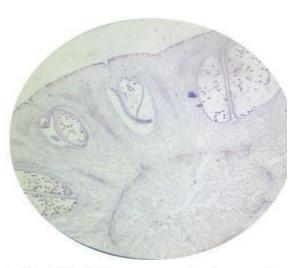
Q6: A/ Identify this slide and then Classify it.



**B**/ The great majority sporophyte of the **above genus** have the upper part of a capsule maturing into ....... and .......

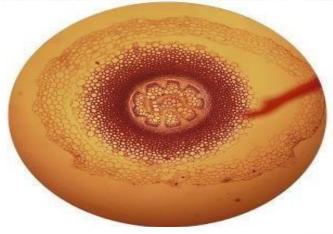
Q7:A/ Identify this slide; and write its common name of it.

**B**/Write the systematic position of it.



Q8:A/ Identify this slide; To which division and class it is belong.

B/ Write about the main character of this class.

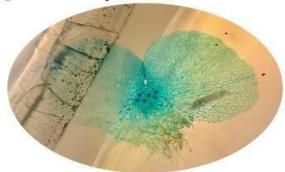


Q9:A/ Identify this slide.

**B**/ Mention the anatomical parts of this section .



Q10:A/Idenify this slide .

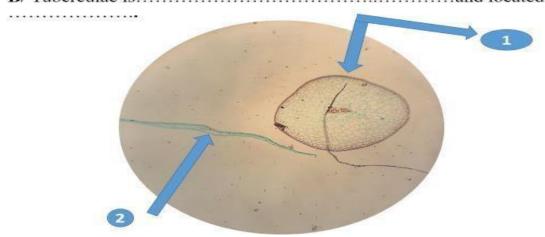


B/ Write about (two) main general character of this slide.

Q11: A/ Identify this slide.

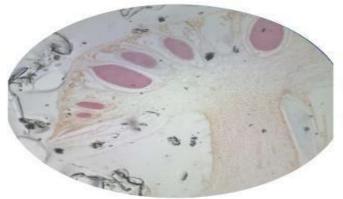
B/ Mention the pointed parts.





Q13 : A/ Identify this slide; and then classify it?

**B**/ Draw and label the external morphology of the thallus of this species showing sex organs on it.



Q14 :A/ Identify this slide; and write its <u>common name</u> of it. **B**/Classify it.



Q15 :A/ Identify this slide; and write its <u>common name</u> of it.

B/1. Classify it.

2. The sporophyte of this genus has Arial branches of two types......and ......



Q16

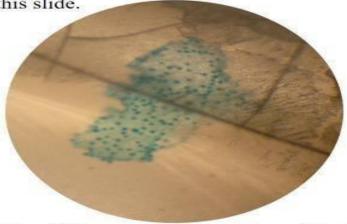
: A/ Identify this slide, and define it.

B/ Write about (two) of the general characters of it.



Q17

A/Idenify this slide.

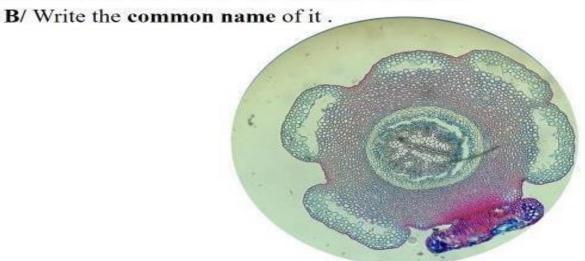


B/ What are the differences between class Ligulopsida and class Eligulopsida; and they are belonging to which division?

- Q18 . Identify this slide; Explain it.
  - 2. to which Division and sub class they are belonging?
  - 3. Write the common name of it.
  - 4. Write **two** importance of this genus.

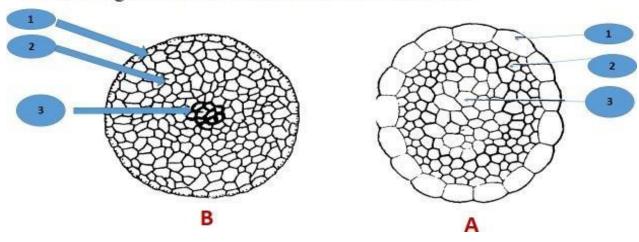


Q19 : A/ Identify this slide and then Classify it.

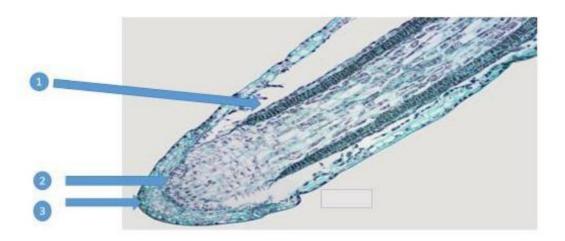


Q20 A/Identify these two figures A and B. To which Division, class and subclass they are belong?

B/ Labeling and write the differences between them.



Q21 . A/ Identify this slide and mention the pointed pa.
B/ Classify *Funaria* sp.



#### Q22 : Choose suitable phrases to the following sentences:

- Certain cup- like shaped structure present along the midrib is known as:
  - a. Perichaetal leaf
- b. Medulla
- c. Gemma cup
- Sporophyte of Sphagnum sp. is elevated above the gametophytes by an elongation of stalk of gametophytic tissue called:
  - a. Columella
- b. Seta
- c. Pseudopodium
- 3. A mature sporophyte in Eubrya shows:
  - a. Foot, seta and capsule
- b. foot and capsule
- c. seta and capsule
- The class that their gametophyte has two growth stages (the protonema and leafy stage) is:
  - a. Hepaticopsida
- b. Bryopsida
- c. Sphenophyta
- 5. ...... Are long, pointed at both ends and spirally thickened cells. There are hygroscopic in nature and help in dispersal of spores.
  - Sporophyll
- b. Elater
- c. Prothallus

Q23: Draw and label the anatomy of axis of Mnium sp.

#### Q24: Classify the following species:

- 1. Anthoceros sp.
- 2. Sphagnum sp.
- 3. Marchantia sp.
- 4. Polytricum sp.
- 5. Equisetum sp.

Q25: Write some important of sphagnum sp.

Q26: Arial branches of Equisetum sp. are of two types what are they?

Q27: Write the common names of each of the following species.

- 1. Equisetum sp.
- 2. Sphagnum sp.
- 3. Marchantia sp.
- 4. Lycopodium sp.

#### **Q28: Define the following terms:**

1. Archegonium 2. Sori 3. Prothalium 4. Sporocarp 5. Trabeculae

