

Introduction to Botany. Lecture 18

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Outline

1 Questions and answers

- Quiz

2 Tissues

- Origin of tissues



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- 1 Questions and answers
 - Quiz

- 2 Tissues
 - Origin of tissues



Questions and answers

Quiz



Results of Exam 2: questions (1)

22. Which of the terms is mismatched?

- ☐ A Male — sperm
- ☒ B **Gamete** — $2n$
- ☐ C Sporophyte — $2n$

24. Syngamy is the:

- ☒ A **Union of two opposite mating types**
- ☐ B Fusion of cell walls
- ☐ C Reductive division



Results of Exam 2: questions (2)

32. Nucleus:

- ☒ A **Closed for viruses**
- ☐ B Contains no RNA
- ☐ C Both of above

33. Mitochondria:

- ☒ A Were independent bacteria in the past
- ☐ B Have no pores in envelope
- ☐ C **Both of above**



Final question (2 points)

What is gametangium?



Final question (2 points)

What is gametangium?

- Cell or organ (many cells) which keeps gametes and then releases them.



Tissues

Origin of tissues



Origin of tissues and organs of plants: first steps



Origin of tissues and organs of plants: first steps

Why did plants go to the land? Which problems did they meet and how did they resolve them? What was the plant way of acquiring tissues comparing with animals?



Final question (2 points)



Final question (2 points)

What is a tissue?



For Further Reading



A. Shipunov.

Introduction to Botany [Electronic resource].

Mode of access:

http://ashipunov.info/shipunov/school/biol_154

