

TESTOVÁNÍ PRAKTICKÝCH ZNALOSTÍ STUDENTŮ HISTOLOGIE V PROSTŘEDÍ POČÍTAČOVÉ UČEBNY

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Ústav histologie a embryologie LF UP, Olomouc

- × Promítání přes dataprojektor
- × Interval 1 min.
- × Formuláře
- × Výhody – jednoznačné + oproti dřívějšímu způsobu (úspora času, stejná kvalita preparátů)
- × Nevýhody – vzájemná komunikace, vzdálenost od plátna, zatemnění
- × Zdokonalená varianta – eliminace nevýhod –
3 verze testu, vlastní monitor

FACULTY OF MEDICINE, UP, OLOMOUC, DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY
HISTOLOGY PRACTICAL - SUMMER SEMESTER

FINAL TEST

FINAL TEST

FINAL TEST

VARIE

TIETY

A

C

All students in the
line of benches have to open
a document „Test

on the left hand
s have to open
„Test C.ppsx“



**STOP, PLEASE, WAIT FOR
TEACHER'S INSTRUCTIONS
TO START THIS QUIZ**



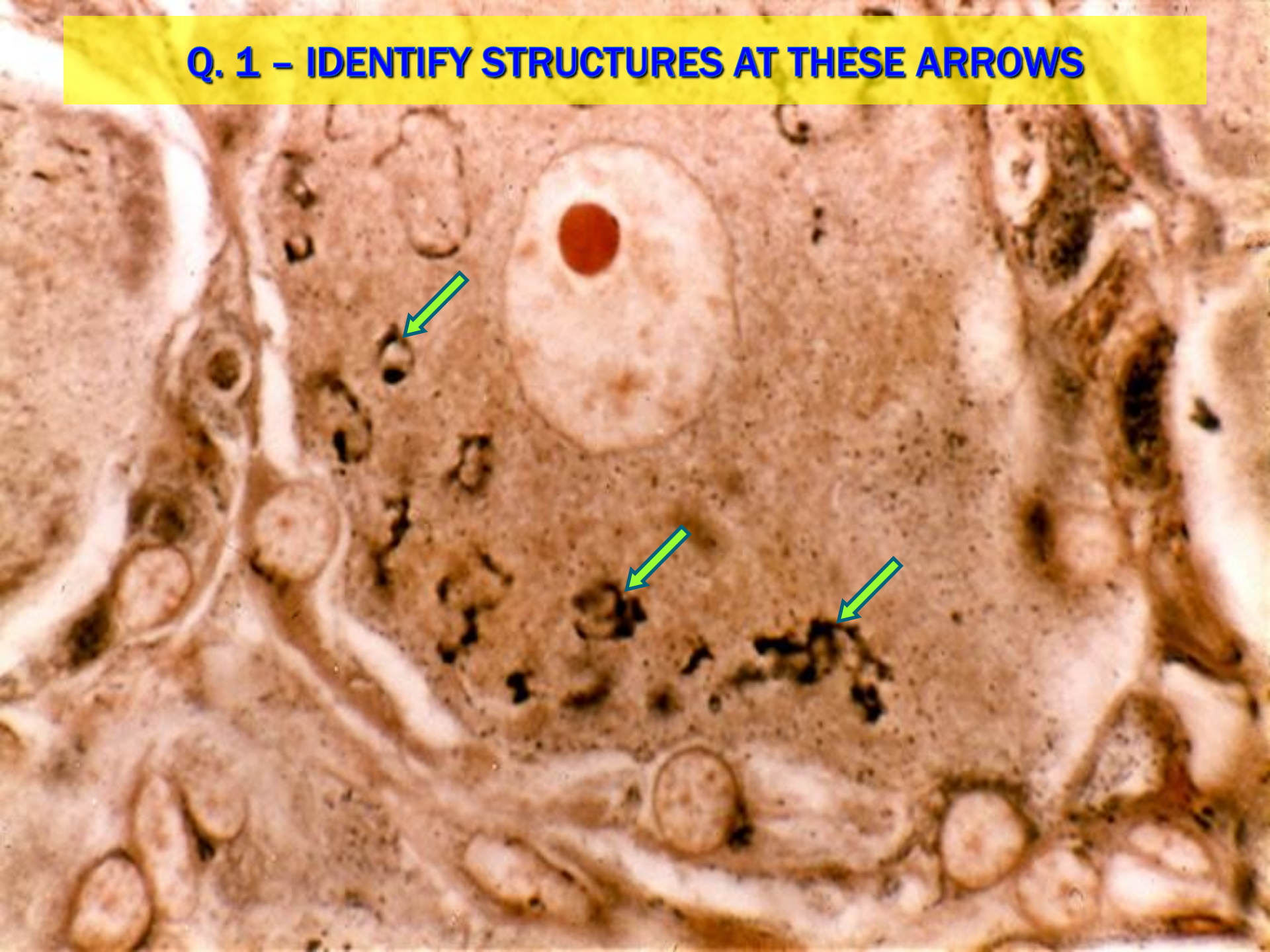
CYTOLOGY & VARIOUS TISSUES



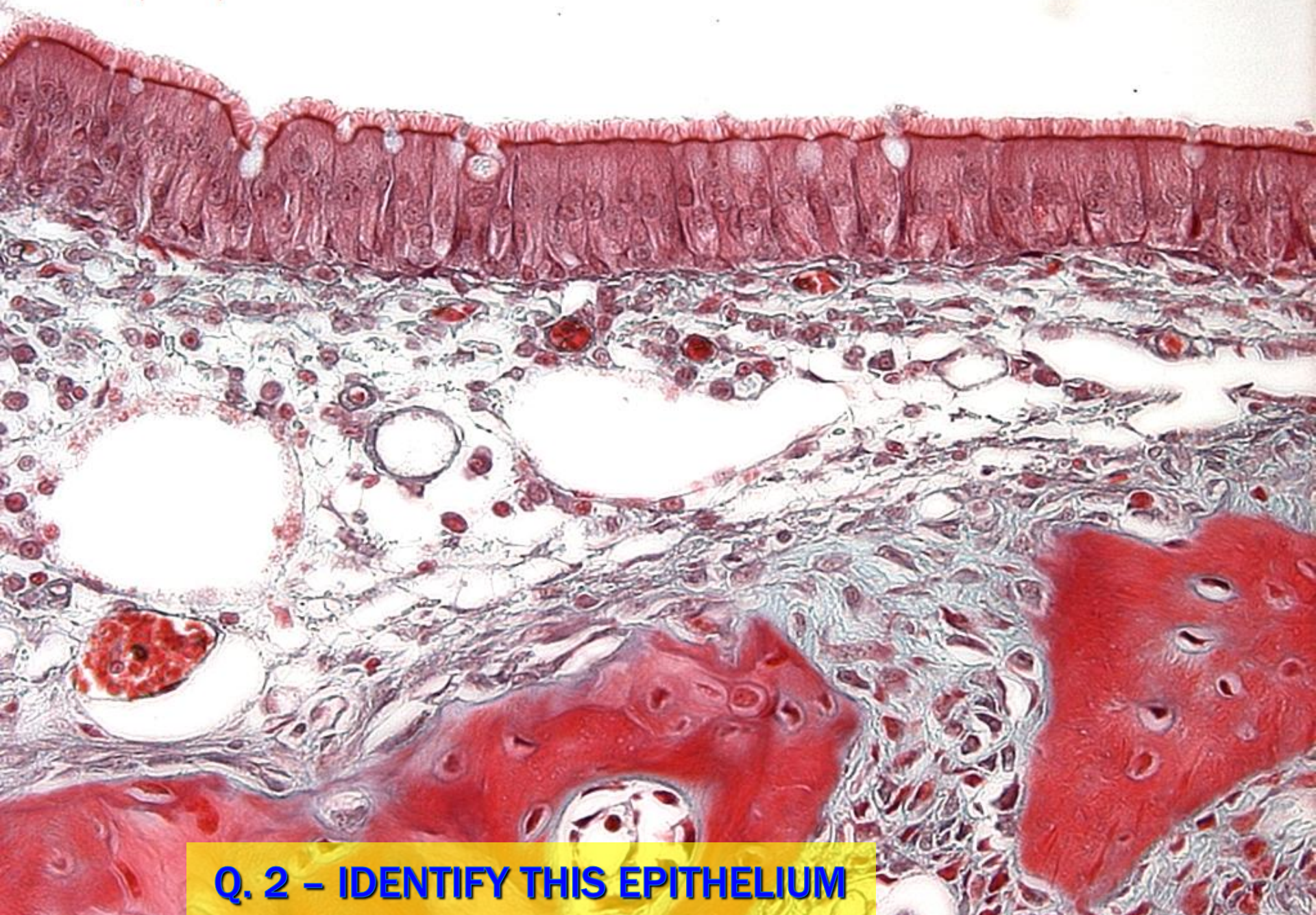
Instructions:

- Fill in the header of the test answer sheet (name, ID, group).
- Answer each question within 1 minute.
- Write your answers in the test answer sheet with a ball pen.
- No communication between students is allowed during this test session.

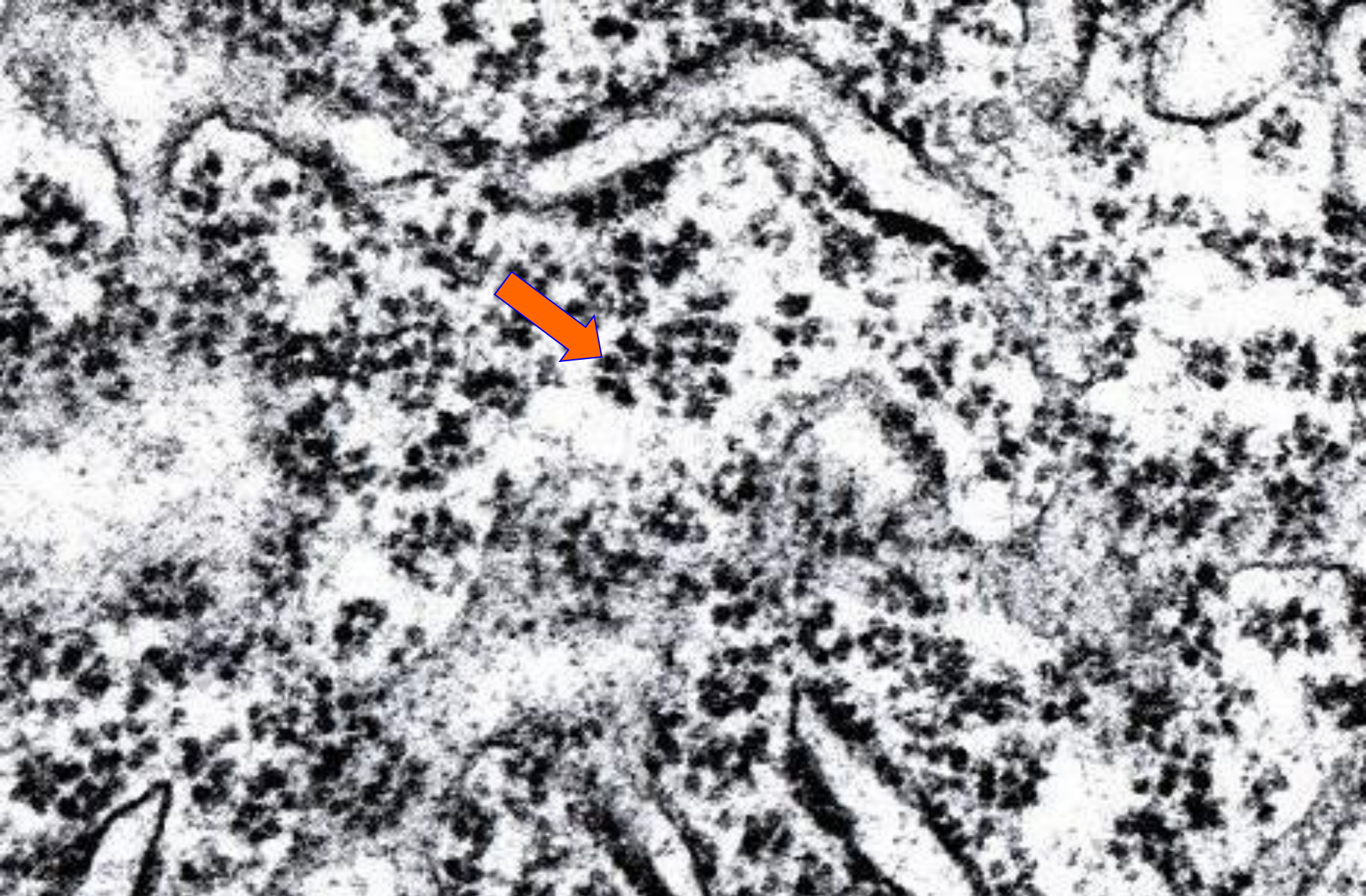
Q. 1 - IDENTIFY STRUCTURES AT THESE ARROWS



20 μ m



Q. 2 - IDENTIFY THIS EPITHELIUM



Q.3 -IDENTIFY THE STRUCTURE AT THE TIP OF THE ARROW

PROTOKOL K TESTU



Variety

*Department of Histology and Embryology
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HISTOLOGY PRACTICALS
(HIE/VAB11(2009/10))

END-SEMESTER CREDIT TEST

ANSWER SHEET

Date:

Group:

Student's name: Uniy ID: L09.....

DO NOT WRITE HERE

- Question 1: Identify structures at these arrows.
- Question 2: Identify this epithelium.
- Question 3: Identify the structure at the tip of the arrow.
- Question 4: What kind of product is secreted by all these cells together?
- Question 5: Identify the tissue in the whole field.
- Question 6: Name the tissue at the tip of this arrow.
- Question 7: Identify these cells precisely.
- Question 8: Identify the cells at the arrow.
- Question 9: Name this tissue exactly.
- Question 10: Name this tissue exactly.

- Question 11: Identify the structure at the arrow.
- Question 12: Name this cell.
- Question 13: Name the whole structure indicated with this bracket.
- Question 14: Identify this organ.
- Question 15: Identify this cell precisely.
- Question 16: Identify this organ.
- Question 17: Identify the whole structure within the circle.
- Question 18: Name this organ precisely.
- Question 19: Name this organ.
- Question 20: Name this organ.

Question 21: A B C D

Question 22: A B C D

Question 23: A B C D

Question 24: A B C D

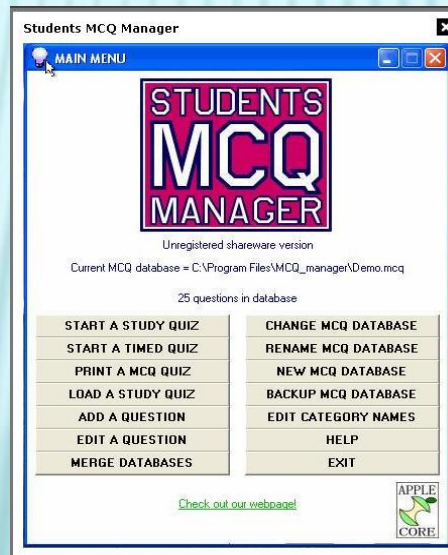
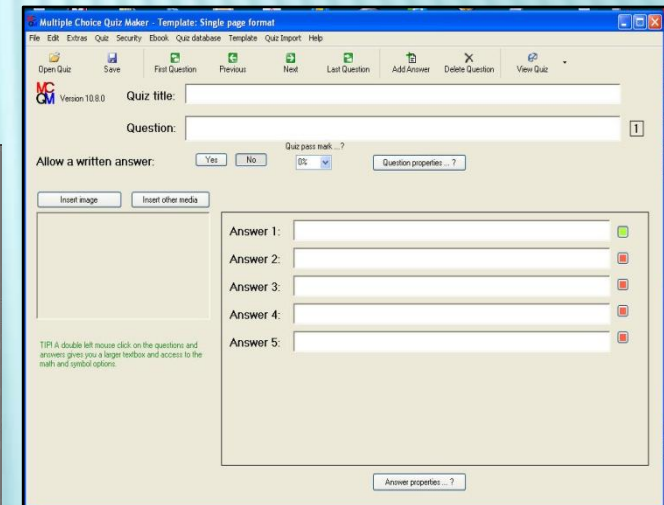
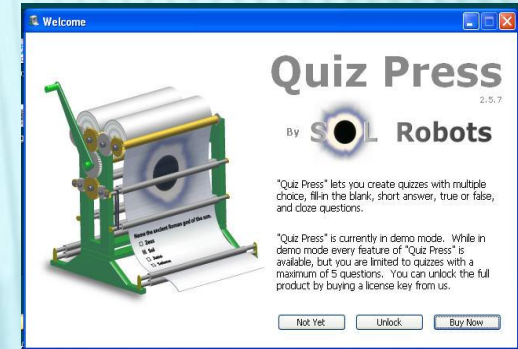
Question 25: A B C D

-
-
-
-
-

Correct:	
Marks:	

TESTOVÁNÍ POMOCÍ SPECIÁLNÍCH TESTOVACÍCH SOFTWAREŮ

- ✘ Quiz Press (<http://the-quiz-press.en.softonic.com/>)
- ✘ Multiple Choice Quiz Maker
(<http://www.tac-soft.com/multiple-choice-quiz-maker.html>)
- ✘ Students MCQ Manager
(<http://students-mcq-manager.en.softonic.com/>)
- ✘ Wondershare Quiz Creator
(<http://www.wondershare.com>)



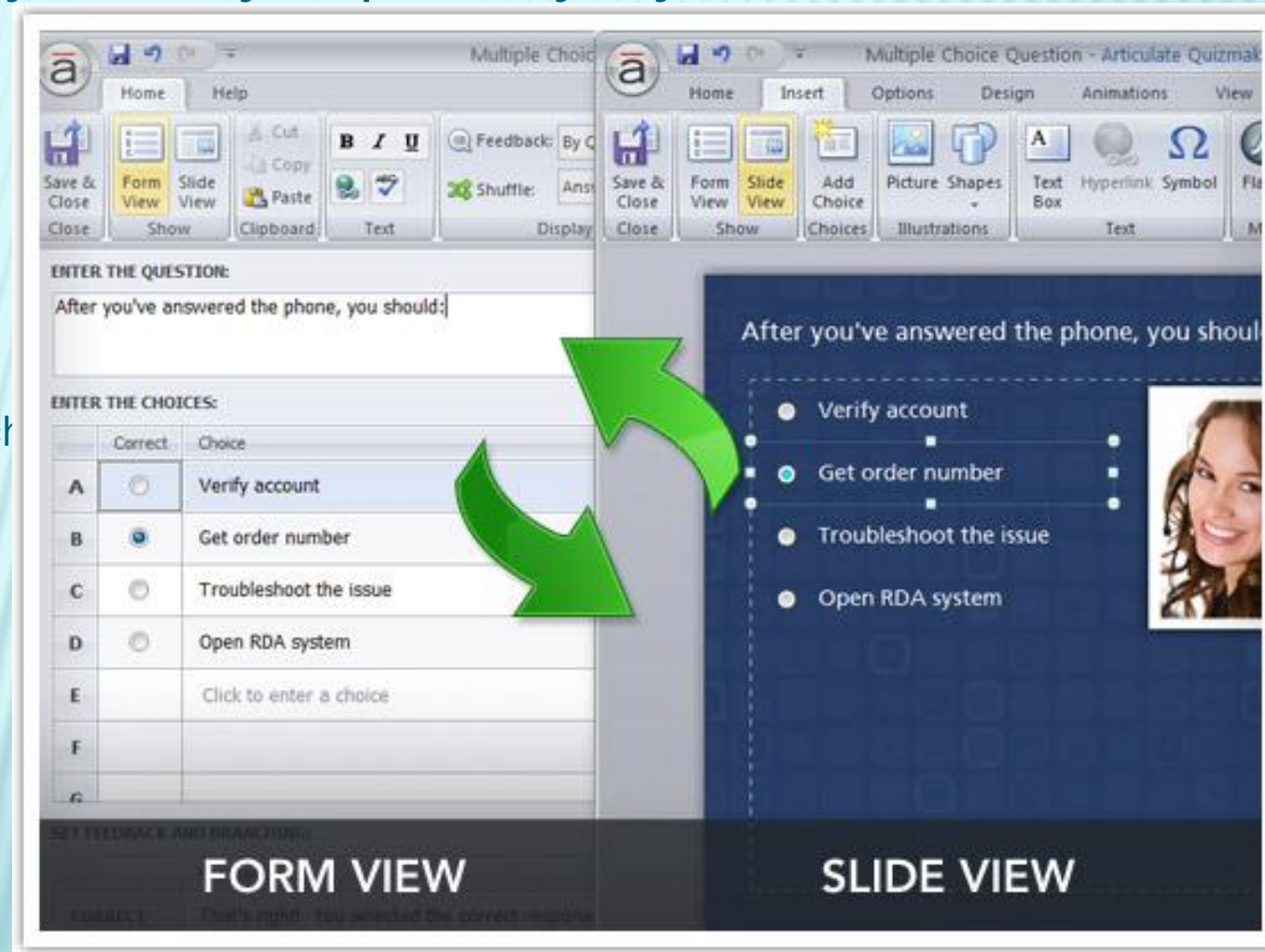
× ARTICULATE Quiz Maker 09

(<http://www.articulate.com/products/studio.php>)



ARTICULATE QUIZ MAKER 09

- × Výhodou je jednoduchá práce, která nevyžaduje znalosti speciálních programů, pracuje se ve stejném prostředí jako je MS Office
- × Dva módy při tvorbě testové otázky
- × **Form view** – pro textové otázky i jako součást otázek praktických
- × **Slide view** – grafický náhled otázky



The image displays two side-by-side screenshots of the Articulate QuizMaker software interface, illustrating the transition between different views for creating a multiple-choice question.

Form View (Left): This view shows a text-based editor. The question text is "After you've answered the phone, you should:". Below it, there is a table for entering choices:

	Correct	Choice
A	<input type="radio"/>	Verify account
B	<input checked="" type="radio"/>	Get order number
C	<input type="radio"/>	Troubleshoot the issue
D	<input type="radio"/>	Open RDA system
E		Click to enter a choice
F		
G		

Slide View (Right): This view shows a graphical preview of the question. The question text is "After you've answered the phone, you should:". The choices are presented as a list of radio buttons with corresponding text: "Verify account", "Get order number", "Troubleshoot the issue", and "Open RDA system". A small image of a woman is visible on the right side of the slide.

Two green arrows indicate the transition from the Form View to the Slide View and back.

At the bottom of the screenshots, the labels "FORM VIEW" and "SLIDE VIEW" are displayed.

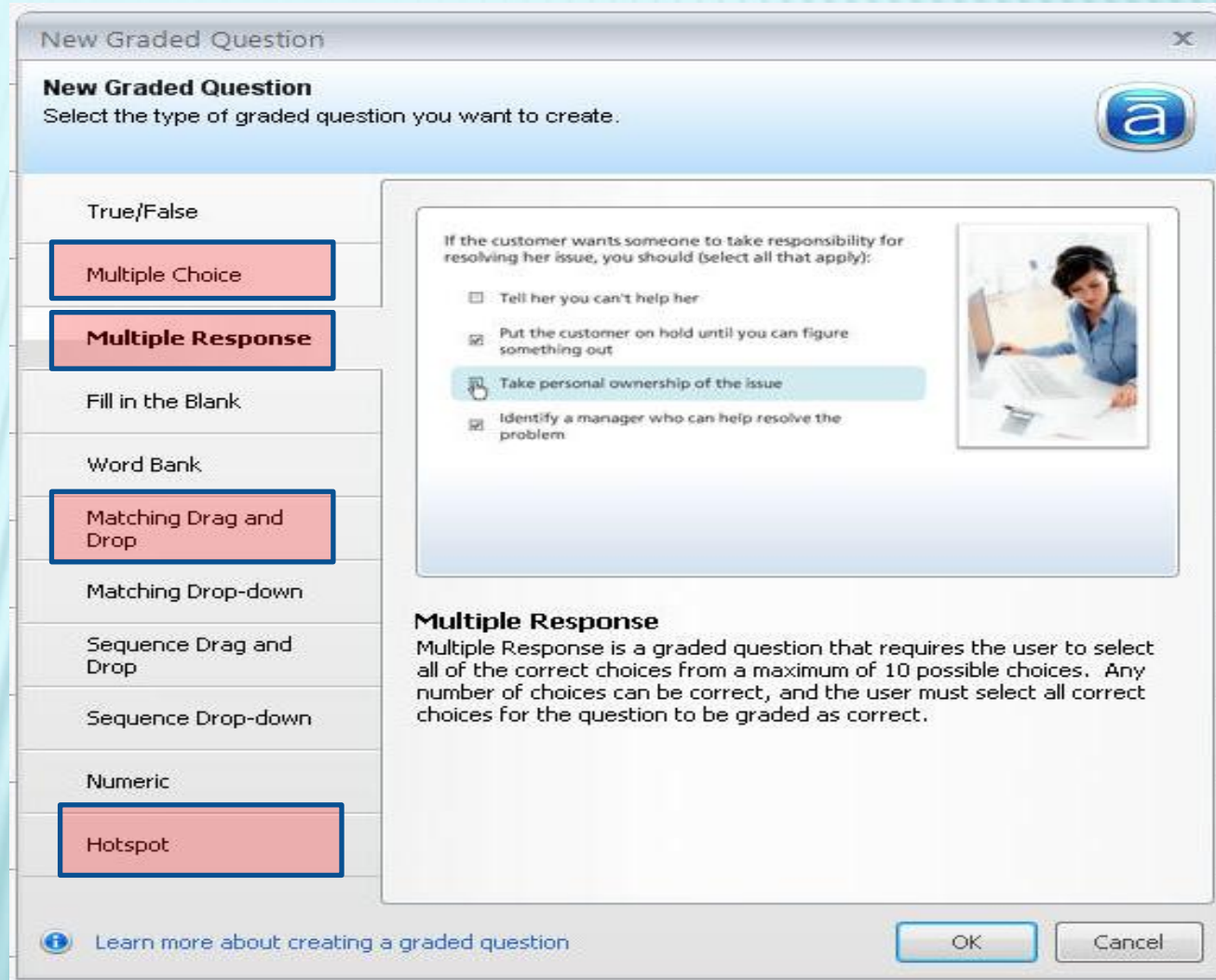
× Různé typy otázek

MCQ

MRQ

Drag and Drop

Hotspot



New Graded Question

Select the type of graded question you want to create.

- True/False
- Multiple Choice
- Multiple Response**
- Fill in the Blank
- Word Bank
- Matching Drag and Drop
- Matching Drop-down
- Sequence Drag and Drop
- Sequence Drop-down
- Numeric
- Hotspot

If the customer wants someone to take responsibility for resolving her issue, you should (select all that apply):

- Tell her you can't help her
- Put the customer on hold until you can figure something out
- Take personal ownership of the issue
- Identify a manager who can help resolve the problem

Multiple Response

Multiple Response is a graded question that requires the user to select all of the correct choices from a maximum of 10 possible choices. Any number of choices can be correct, and the user must select all correct choices for the question to be graded as correct.

[Learn more about creating a graded question](#)

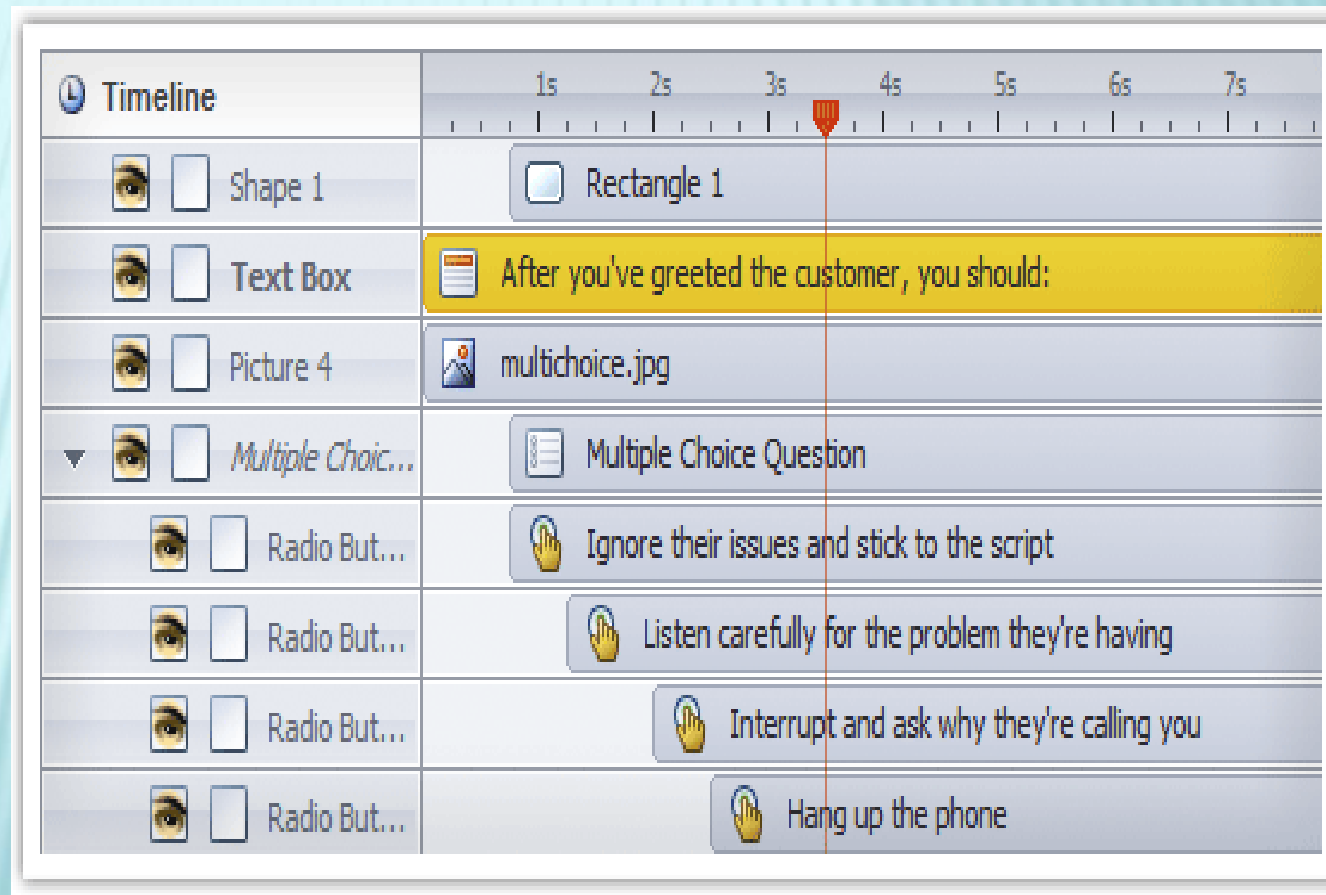
OK Cancel

- × **Nastavení
tématických
skupin otázek**
- × **Snadné třídění
otázek do skupin
a jejich oddělení**
- × **Přeřazení otázek
do jiné skupiny
přetažením myši**

[-] Question Group 1 <i>(Randomize, include 2 questions)</i>	
1	 <p>Multiple Choice After you've greeted the customer, you should:</p>
2	 <p>Matching Drag and Drop Please match the Comstar service with it's current monthly price:</p>
3	 <p>Sequence Drop-down At Comstar, we make it easy for customers to do business with us. That means we alw</p>
4	 <p>Multiple Response If the customer wants someone to take responsibility for resolving her issue, you shoul</p>
[-] Question Group 2 <i>(Randomize, include 5 questions)</i>	
5	 <p>True/False Before you close your call, it is important to summarize the action you've taken and ens addressed.</p>

× Jednoduché nastavení časování

- × Na časové ose se nastaví interval, kdy se objeví jednotlivé prvky otázky.



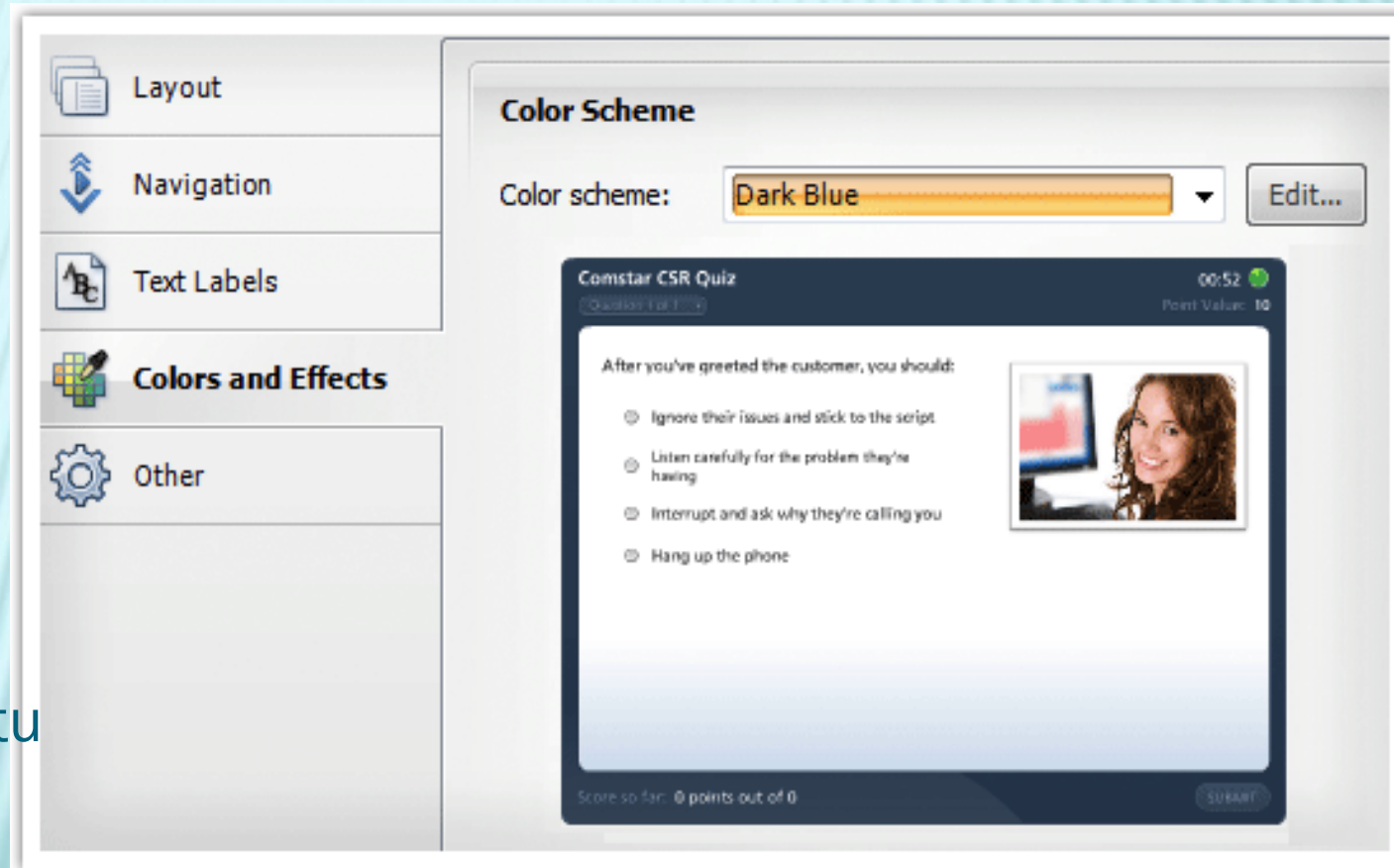
The screenshot displays the 'Timeline' interface in Articulate Quiz Maker. At the top, a horizontal timeline is marked from 1s to 7s. A red vertical line indicates the current time, positioned at approximately 3.5s. Below the timeline, a list of elements is shown, each with a visibility icon (an eye) and a checkbox. The elements are:

- Shape 1**: A rectangle element.
- Text Box**: Contains the text "After you've greeted the customer, you should:".
- Picture 4**: Contains the image file "multichoice.jpg".
- Multiple Choice Question**: The main question type.
- Radio But...**: A radio button with the text "Ignore their issues and stick to the script".
- Radio But...**: A radio button with the text "Listen carefully for the problem they're having".
- Radio But...**: A radio button with the text "Interrupt and ask why they're calling you".
- Radio But...**: A radio button with the text "Hang up the phone".

× Vytvoření vlastního prostředí pro přehrávač

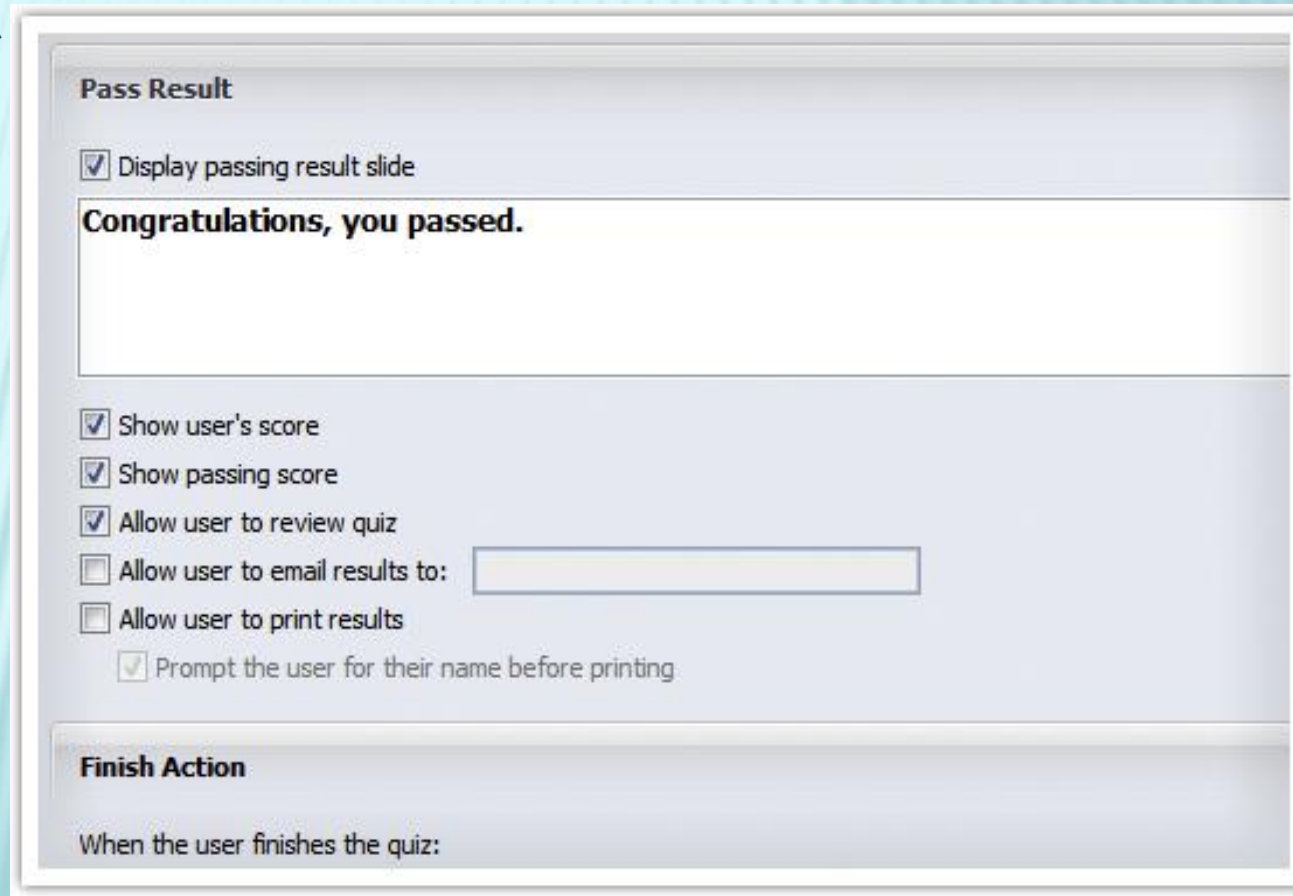
testu

- × Nastavení různých parametrů:
 - rozlišení obsahu
 - navigace
 - velikost textu
 - barevné provedení přehrávače



× Nastavení obsahu závěrečné stránky testu

- slovní hodnocení
- dosažený
výsledek
v bodech a %
- požadovaný
výsledek
v bodech a %



Pass Result

Display passing result slide

Congratulations, you passed.

Show user's score

Show passing score

Allow user to review quiz

Allow user to email results to:

Allow user to print results

Prompt the user for their name before printing

Finish Action

When the user finishes the quiz:



Graded Question Survey Question Insert

Blank Slide Question Group Import Questions

Edit Question Delete Group Move Group

Pass Result Fail Result Results

Include: Randomize Lock Question Group Group

Player Templates Quiz Properties Spelling ABC Quiz Publish

Preview Publish

Question	Attempts	Points
Instructions		
1 Blank Slide INSTRUKCE	1	0
Question Group 2 (Randomize all questions)		
2 Multiple Choice Určete celou strukturu ve středu tohoto elektron...	1	1
3 Multiple Choice Určete strukturu označenou šipkou.	1	1
4 Multiple Choice Určete strukturu na šipce.	1	1
5 Hotspot Klikněte v obrázku na mitochondrii.	1	1
6 Multiple Choice Určete tento epitel.	1	1
7 Multiple Choice Určete tenko epitel.	1	1
8 Multiple Choice Určete tenko epitel.	1	1
9 Multiple Choice Identifikujte přesně tuto tkáň.	1	1
10 Multiple Choice Identifikujte přesně tuto tkáň.	1	1
11 Multiple Choice Pojmenujte přesně tuto tkáň.	1	1
12 Multiple Choice Identifikujte tkáň na obrázku.	1	1
13 Multiple Choice Identifikujte tuto tkáň přesně.	1	1
14 Multiple Choice Pojmenujte přesně tuto tkáň.	1	1

Quiz Properties
Set properties for this quiz.

Quiz Info

Question Def:

Quality

[Learn more about quiz properties](#)

Player Template Builder - Histology DIGESTIVESystQUIZ50

Player Template Builder
Set properties for the player.

Layout

- Navigation
- Text Labels
- Colors and Effects
- Other

Display Settings

- Display question point value
- Display cumulative score with each question
- Display quiz title

Question numbering style: Question 3 of 9

Question List

- Display question list navigation panel
 - Display correct/incorrect icons
 - Display question point value
 - Display actual points awarded

Timer

- Display timer

Time format: Remaining

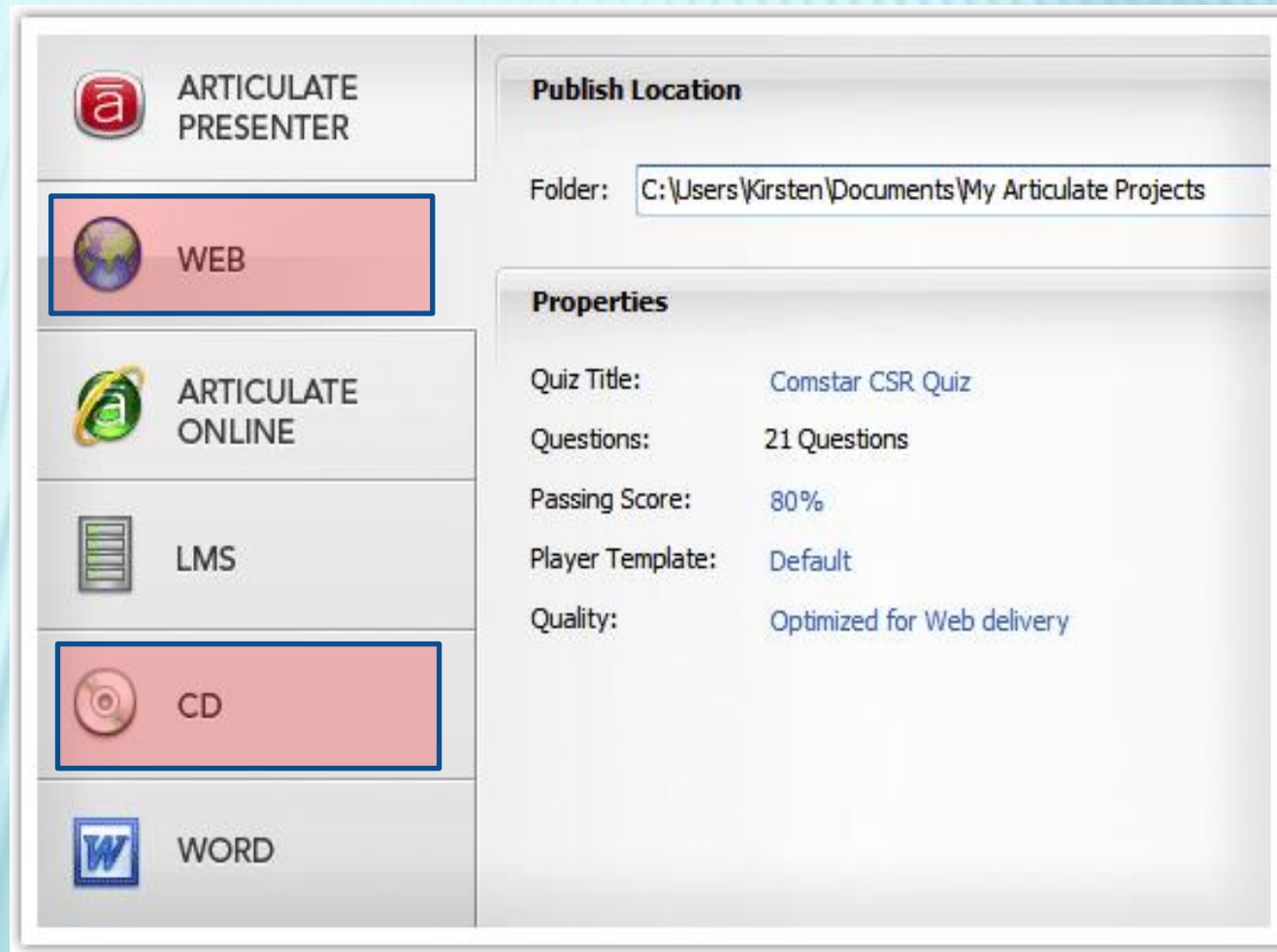
[Learn more about player templates](#) Preview... OK Cancel

× Možnost exportu testu do různých formátů prezentace

× **WEB** – do sítě
počítačové
učebny

CD - archivace

WORD – tisk
v dokumentu
MS Word



The screenshot displays the Articulate Quiz Maker 09 interface. On the left, a vertical list of export options is shown, with 'WEB' and 'CD' highlighted in red. On the right, the 'Publish Location' and 'Properties' sections are visible.

Export Options:

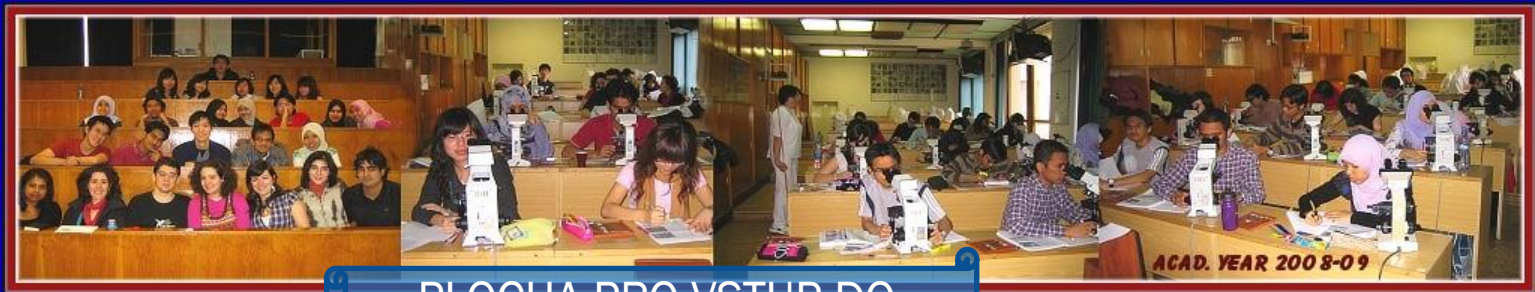
- ARTICULATE PRESENTER
- WEB**
- ARTICULATE ONLINE
- LMS
- CD**
- WORD

Publish Location:

Folder: C:\Users\Kirsten\Documents\My Articulate Projects

Properties:

Quiz Title:	Comstar CSR Quiz
Questions:	21 Questions
Passing Score:	80%
Player Template:	Default
Quality:	Optimized for Web delivery



PLOCHA PRO VSTUP DO
SLOŽKY S TESTEM

HISTOLOGICKÉ PRAKTIKUM

PŘÍSTUP K TESTŮM A KVÍZŮM

Instrukce:

- Vyplňte záhlaví formuláře pro odpovědi (jméno, ID studenta, skupina, datum).
- Otevřete soubor testu současně s instrukcí učitele.
- Odpovězte otázku během 1 minuty.
- Po dobu kvízu není dovolená komunikace mezi studenty.



Pokračujte k souboru
testu a čekejte na další
instrukce

HISTOLOGY PRACTICAL

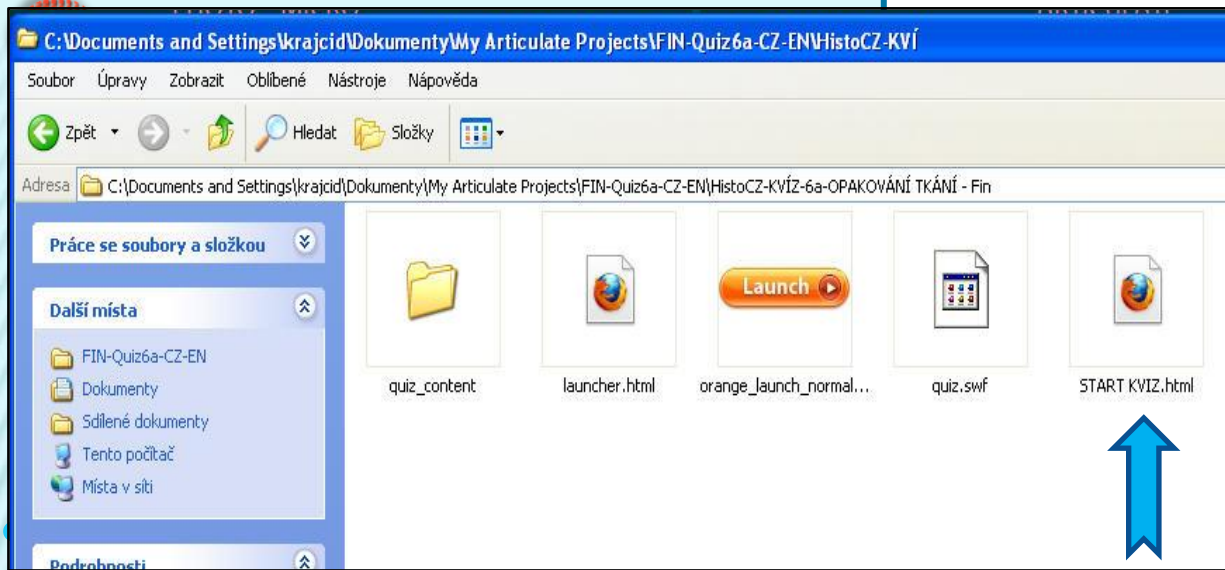
ACCESS TO QUIZES AND TESTS

Instructions:

- Fill in the header of the quiz answer sheet (name, student ID, group, date).
- Open the test file synchronously with teacher's command.
- Answer each question within 1 minute.
- No communication between students is allowed during this quiz session.



Proceed to the test file
and wait for further
instructions



TUDENTA PO VSTUPU NA TEST (modrá)

kopírovat ani ukládat obsah testů.

- Je deaktivován zápis na CD a USB media.

Umístit na drive "X" mimo složku podklady. Dostupné pouze z desktopu "Kvizy"



CZ-KVIZY



KVIZ.ppsx
Automat. posun po 1 min.

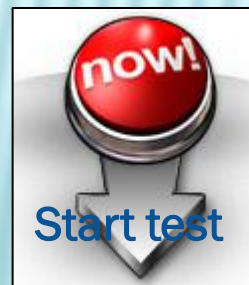


EN-QUIZES



QUIZ.ppsx
Automat. posun po 1 min.

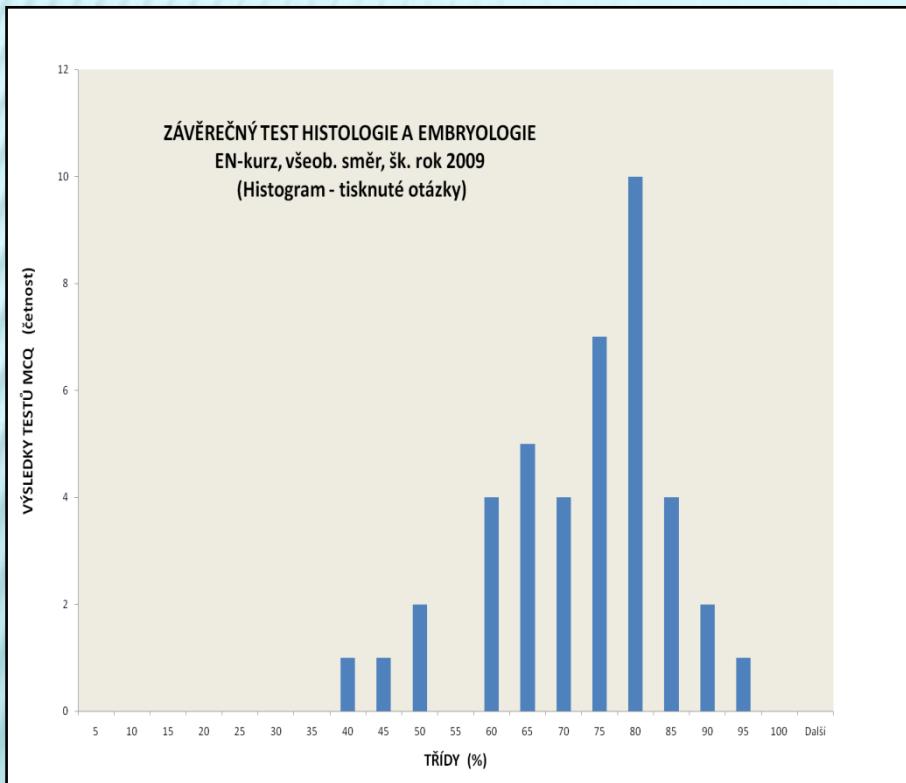
V tomto módu zakázat kopírování a ukládání na HDD a externí media.



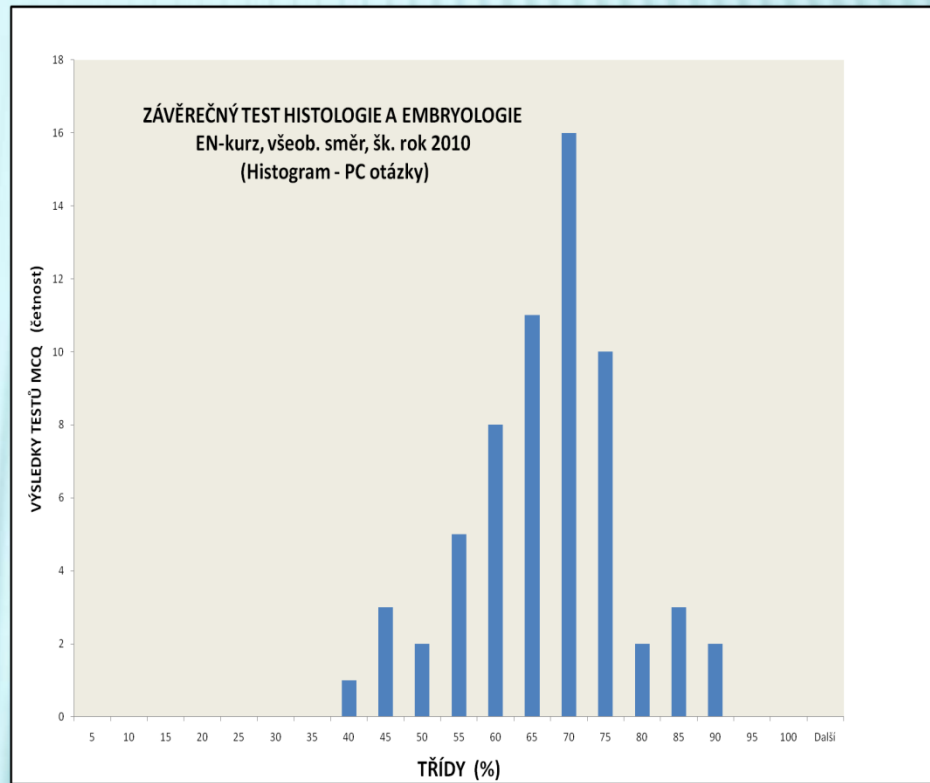
UKÁZKA PRŮBĚHU TESTU NA PC (QUIZ MAKER 09)

VIDEO

SROVNÁNÍ VÝSLEDKŮ ZKOUŠEK Z HISTOLOGIE PODANÝCH V TIŠTĚNÉ A POČÍTAČOVÉ FORMĚ



Průměr **70.1**



Průměr **64.6**

100 teoretických otázek MCQ
z histologie a embryologie



VÝSLEDKY HODNOCENÍ TESTŮ Z DOTAZNÍKŮ

- × Preferujete zkoušku ve formátu MCQ před zkouškou ústní?

	všeob. lékařství	zubní lékařství
ANO	81%	94%
NĚKDY	0%	0%
NE	19%	6%

VÝSLEDKY HODNOCENÍ TESTŮ Z DOTAZNÍKŮ

- × Myslíte si, že jsou shrnující testy vhodné k udržení vaší pozornosti k histologii během akademického roku?

	všeob. lékařství	zubní lékařství
ANO	86%	79%
NĚKDY	0%	0%
NE	14%	21%

Aplikace :

- × Průběžné ověřování znalostí studentů během semestru.
- × Sumární testy znalostí na konci semestru.
- × Self-learning studentů na webu ústavu.

Výhody :

- × Rychlá forma zkoušení – možno nastavit čas pro každou otázku.
- × Okamžité vyhodnocení výsledků – sumář pro učitele.
- × Objektívni hodnocení každého studenta (výsledky v %).
- × Rychlá příprava testu a jednoduchá aplikace (PC učebna)
- × Omezení opisování a vynesení otázek.
- × Úspora kancelářského materiálu, toneru aj.



DĚKUJEME ZA POZORNOST

Černochová Drahomíra
Pospíšilová Eva
Krajčí Dimitrolos

