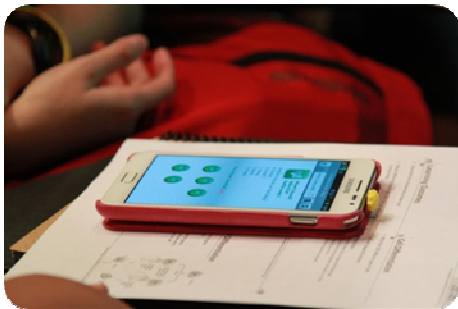


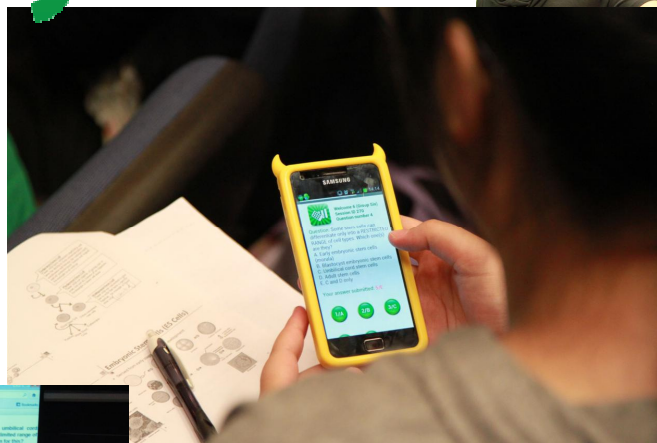
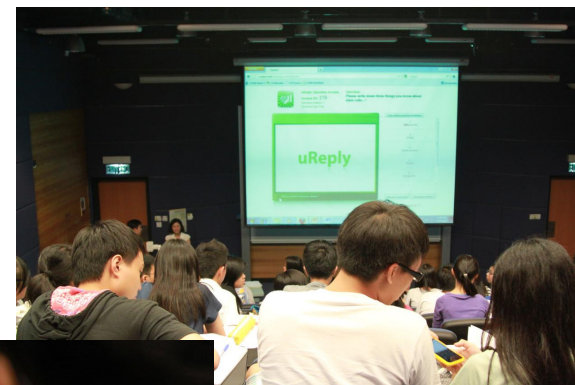
## Instant classroom response system on mobile devices – uReply user experiences

**Speakers:** Prof. LAM W. L. C. Paul, Associate Professor of Centre for Learning Enhancement And Research  
Dr. LAU, K. William, Lecturer of Department of Decision Sciences and Managerial Economics  
Dr. LEE K. Y. Rebecca, Lecturer of School of Biomedical Sciences

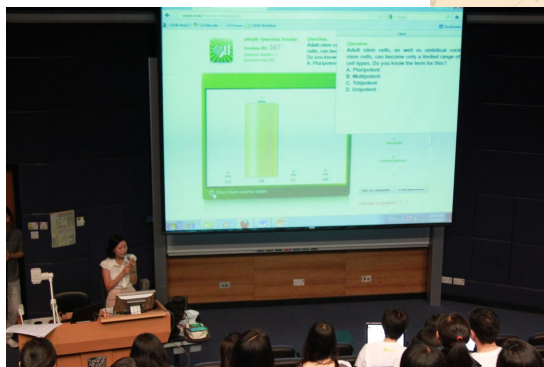


Learn  
Mobile  
UHK

uReply



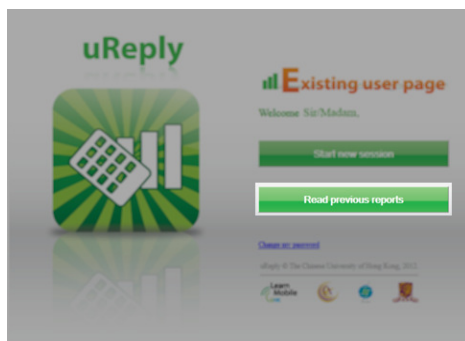
**Service:  
In-class Support**



facebook

facebook.com/UreplyCUHK

# Session reports



uReply Existing user page

Welcome Sir/Madam,

Start new session

Read previous reports

Check us out!

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uReply Reports

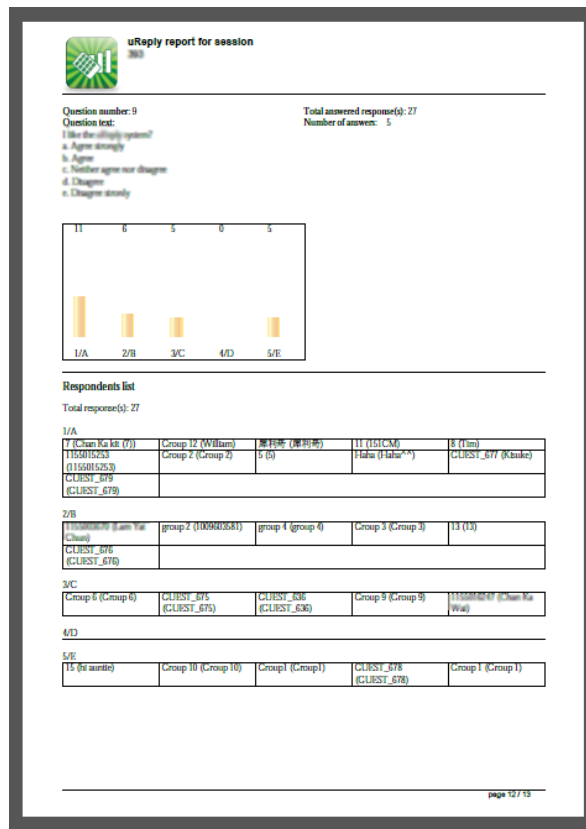
You have completed the following sessions in our systems.

Please click the session IDs to retrieve activity reports.

Session ID	Session Name	Session Time
438	Edi - Lab	September 11, 2012, 2:09 pm
439	Edi - Lab	September 20, 2012, 11:36 am
437	Edi - Lab	September 20, 2012, 10:15 am
439	Edi - Lab	September 19, 2012, 11:43 am
439	Edi - Lab	September 19, 2012, 11:43 am
407	Edi - Lab	September 18, 2012, 4:39 pm
404	Edi - Lab	September 18, 2012, 4:49 pm
404	Edi - Lab	September 18, 2012, 2:59 pm
397	Edi - Lab	September 18, 2012, 11:43 am
394	Edi - Lab	September 18, 2012, 11:36 am
395	Edi - Lab	September 18, 2012, 11:34 am
394	Edi - Lab	September 18, 2012, 11:29 am

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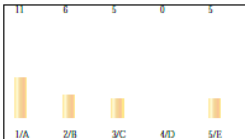
## MC



uReply report for session 265

Question number: 9  
Question text: 1. Like the following system?  
a. Agree strongly  
b. Agree  
c. Neither agree nor disagree  
d. Disagree  
e. Disagree strongly

Total answered response(s): 27  
Number of answer: 5



Response	Count
1/A	11
2/B	6
3/C	5
4/D	0
5/E	5

Respondents list

Total response(s): 27

1/A	Group 12 (William)	陳科輝 (陳科輝)	11 (151CAM)	8 (Tim)
1155015252	Group 2 (Group 2)	1 (S)	Haim (Haim*)	CUHST_677 (Kaake)
CUHST_679				
CUHST_679				

2/B	1155015252 (Sam Yiu Cheung)	group 2 (100900581)	group 4 (Group 4)	Group 3 (Group 3)	11 (11)
CUHST_676					
CUHST_676					

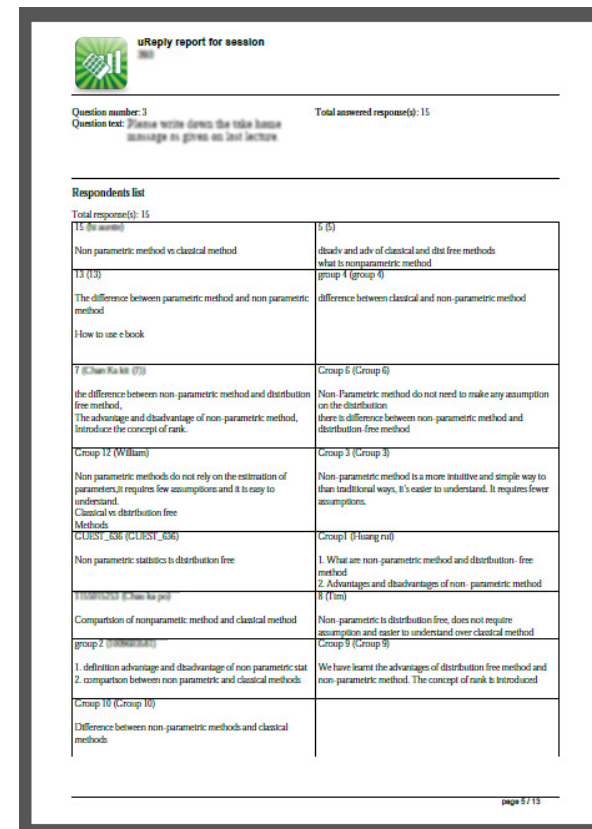
3/C	Group 6 (Group 6)	CUHST_675 (CUHST_675)	CUHST_636 (CUHST_636)	Group 9 (Group 9)	1155015252 (Shan Ka Wai)

4/D	1155015252 (Shan Ka Wai)	Group 10 (Group 10)	Group 1 (Group 1)	CUHST_678 (CUHST_678)	Group 1 (Group 1)

5/E	15 (Si aurin)	Group 10 (Group 10)	Group 1 (Group 1)	CUHST_678 (CUHST_678)	Group 1 (Group 1)

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## Text



uReply report for session 265

Question number: 3  
Question text: Please write down the title/issue/message in given in last lecture.

Total answered response(s): 15

Respondents list

Total response(s): 15

15 (Si aurin)	5 (S)
Non parametric method vs classical method	disadv and adv of classical and dis free methods what is nonparametric method
11 (11)	group 1 (Group 1)
The difference between parametric method and non parametric method	difference between classical and non-parametric method
How to use e book	
7 (Shan Ka Wai (7))	Group 6 (Group 6)
the difference between non-parametric method and distribution free method. The advantage and disadvantage of non-parametric method, introduce the concept of rank.	Non-Parametric method do not need to make any assumption on the distribution there is difference between non-parametric method and distribution free method
Group 12 (William)	Group 3 (Group 3)
Non parametric methods do not rely on the estimation of parameters, it requires few assumptions and it is easy to understand Classical vs distribution free Methods	Non-parametric method is a more intuitive and simple way to than traditional ways, it's easier to understand. It requires fewer assumptions.
CUHST_636 (CUHST_636)	Group 1 (Hsing rut)
Non parametric statistics to distribution free	1. What are non-parametric method and distribution-free method 2. Advantages and disadvantages of non-parametric method
1155015252 (Shan Ka Wai)	9 (Tim)
Comparison of nonparametric method and classical method	Non-parametric to distribution free, does not require assumption and easier to understand over classical method
group 2 (100900581)	Group 3 (Group 3)
1. definition advantage and disadvantage of non-parametric stat 2. comparison between non-parametric and classical methods	We have learnt the advantages of distribution free method and non-parametric method. The concept of rank is introduced
Group 10 (Group 10)	
Difference between non-parametric methods and classical methods	

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# uReply Sharing Session



**Dr LAU Ka, William**

Department of Decision Sciences and Managerial Economics



# Income Elasticity of Demand

---

How do you rank the income elasticity of demand of the following in developed countries?

- 1) Airline Travel
- 2) Clothing
- 3) Electricity
- 4) Food
- 5) Movies
- 6) Telephone

- a)  $1 > 2 > 3 > 4 > 5 > 6$
- b)  $6 > 5 > 4 > 3 > 2 > 1$
- c)  $1 > 5 > 6 > 2 > 3 > 4$
- d)  $1 > 5 > 3 > 2 > 6 > 4$
- e)  $5 > 1 > 2 > 6 > 4 > 3$





# Income Elasticity of Demand

---

The income elasticity of demand of the following are:

- 1) Airline Travel – 5.82
- 2) Clothing – 0.51
- 3) Electricity – 1.94
- 4) Food – 0.14
- 5) Movies – 3.41
- 6) Telephone – 0.32

Answer: d)  $1 > 5 > 3 > 2 > 6 > 4$

Source: Michael Parkin, *Economics*, 10th edition, Pearson, 2012 (page 93).



# Minimum Wage in Hong Kong

## 各界論增加最低工資

### 商界

僱主聯會總裁 龐維仁

感失望，現時外圍經濟不明朗，非調整時機，認為決定更多受政治因素影響。

香港中華廠商聯合會會長 施榮懷

經濟環境不明朗，調整會對中小企造成壓力，有機會轉嫁消費者，長遠影響本港競爭力。

中華總商會榮譽會長 何世柱

按現時經濟情況，調整對企業營商影響不大，但若明年經濟轉差，有機會令更多基層行業裁員節流。

香港零售管理協會主席 麥瑞琼

調整將進一步推高通脹，現時業內有一成職位長期懸空，上調後將增加零售業招聘難度。



### 勞工界

街坊工友服務處勞工幹事 梁錦威

不能接受，加幅遠低於09至12年約15%的物價指數增幅，基層工友生活更差，短期內會有行動要求特首否決建議。

香港職工會聯盟秘書長 李卓人

加幅令人失望，甚至低於公屋租金10%的加幅，將爭取每年調整。

資料來源：上述受訪者

## 老保安被炒 被迫領綜援

個案

新的最低工資水平料定於30元，有人歡喜有人愁。年屆70歲的鍾先生（圖），在灣仔單幢式大廈擔任保安員8年，最低工資實施後令他福利盡失之餘，前日更慘被業主委員會解僱，坦言最低工資對他們沒有幫助。

### 3500元租房 平飯盒充飢

原月薪5,400元的鍾先生，在前年最低工資實施後，工時由8小時減至7小時，薪金維持不變，但僱主卻取消每年14天大假及每月100元津貼，他更須不時加班工作11小時，卻沒有任何補水，惟因擔心難找新工，只好逆來順受。

當時他須重新簽約，惟業委會一直拖欠28,800元長期服務金，前日他獲通知將被解僱，初步計算可獲34,200



遣散費，惟業委會在下旬3日開會後，才決定其賠償費用；現時以3,500元租用灣仔套房獨居的他，慨歎剩下1,900元根本不夠生活，平日為慳錢，會等街市關門前買平價餸菜，或到超市購買平飯盒充飢。

「因為自己有工作能力，所以一直不拿綜援，未來可能需要拿綜援了！」他認為將最低工資上調至30元，令他這班年長人士被淘汰。

最低工資進一步上調，會否令大學生跟基層爭飯碗？中原人力資源顧問董事總經理周綺萍指，大學生多數考慮長綫發展，今年起薪點介乎8,500至1.2萬元，雖然8,500元低過基層員工，但兩、三年後必會高過保安員；她認為最低工資加7%，有利同時調高大學生起薪點，惟實際情況視乎經濟環境而定。 ■本報記者 林卓昕

Source: Hong Kong Economic Journal, 26 Sep 2012

# 三大受影響行業

Source: Hong Kong Economic Journal  
26 Sep 2012

A

B

C

## 飲食業：奶茶需20元一杯



香港餐飲聯業協會會長黃家和表示，租金、食材價格料再升，令飲食業經營困難，若最低工資加至30元：「到時奶茶便可能需賣到20元一杯！」

他估計調升後的漣漪效應，將令業界人力成本至少增一成，而營運成本需加3%，對企業而言，需透過加價轉移成本，料明年企業因此需加價逾15%。他指飲食業目前人手短缺，料加薪後情況更嚴重，期望政府可藉輸入外勞及鼓勵女性就業，紓緩人手緊張。

現代飲食專業協會會長胡珠表示，飲食界利潤低，毛利僅2%至3%，若最低工資水平達30元，會令業界經營更困難，基層薪酬水漲船高，業界更難請人。

## 保安業：流失高更難請人



保安業最低工資關注組發言人張偉麟稱，30元建議是無奈中可接受的水平，料7%的成本加幅將完全轉嫁客戶。

他又擔心加幅令業界更難請人，最低工資28元實施後入行人數增加，惟很多人未能忍受長工時而離職，每年流失率達3至4成，加上客戶拒絕在加價逾10%下聘用年老保安員，故人手出現短缺。

現時港島及九龍區保安時薪約32至34元，只有少量新界西及西北的保安員維持時薪28元，料30元水平實施後，港九區保安時薪將漲至35至37元。

## 清潔業：生意減恐致倒閉



香港環境衛生業界大聯盟秘書甄韋喬指，30元的薪酬水平對業界衝擊極大，因現時各工程毛利約2%至3%，故業界一般認為29元的水平更可接受。

甄以其清潔公司為例，自28元最低工資實施後生意額下跌4成，今年可算是「白做」，加上勞保保費增逾數倍，令不少小型公司倒閉。

寶潔清潔服務公司經理陳津指今年招聘艱難，以高於時薪33元只可聘得年紀大及毫無學歷的員工，甚至有人上班不久即要求加薪500至1,000元，否則跳槽；有不少年輕員工寧轉行至日薪逾千元的建築業，現時每月流失一至兩名員工。

Which of the above arguments do you think is the most reasonable?



## CLASS PARTICIPATION

Please note that it is “PARTICIPATION” not “ATTENDANCE”. You are expected to actively participate in class discussions, self learning and providing feedback. You will get full marks for class participation if your accumulated participation score by the end of the semester is higher than 30. Else, your participation score will be calculated relatively: if your accumulated participation score is one standard deviation above the class mean, then you will still get full marks; if it equals class mean, you get 6 marks; if it is two standard deviations below the class mean, you get 0 marks. For any scores in between, we will take linear approximation.

The following will help you to get participation scores:

- Answer open questions in class (1 – 3 marks per question)
- Answer M.C. questions in class correctly (1 mark per question)
- Do voluntary exercises on the Aplaia online platform (at most 3 marks per week)
- Write feedback for class improvement (1 – 2 marks depending on the quality)
- Point out the mistakes in our lecture notes within 7 days (1 mark for each mistake)
- Raise your hand when I am checking attendance randomly (1 mark each time)

The following will penalize your participation scores:

- Your class attendance is below 24 hours throughout the semester (10 marks)
- Your mobile rings during the exam (10 marks)
- Your mobile rings during the class (5 marks)
- You continuously chat with your classmates in class (5 marks)
- You snore in class (5 marks)

Your most up-to-date accumulated participation score will be shown on the attendance sheet in every class; if you find there are any mistakes in your participation score, please send an email to Cathy (and c.c. William) to make a correction within 7 days.



# uReply Sharing Session



**Dr LEE Kit Ying, Rebecca**

School of Biomedical Sciences

Room 616, Choh-Ming Li Basic Medical Sciences Building

([rebec.lee@cuhk.edu.hk](mailto:rebec.lee@cuhk.edu.hk) / 3943 1380)

► **Advantages:**

- ❑ User-friendly (no need to install any software)
- ❑ ❌ bring clickers
- ❑ Supports both MCQ & short answer questions
- ❑ Teacher's site: <http://teacher.ureply.mobi>



**Question session**

**Question 1**

Question type

Number of

Enter your c

How man

there :

A. 23

B. 22

C. 44

D. 46

E. 47

Start

7

8

9

**Information to students**

Go to URL: <http://ureply.mobi>


Join session ID: 705

Close

Start

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- ▶ Connect the mobile device to the CUHK wifi network
- ▶ Link: <http://ureply.mobi>



**Session ID (Required)**

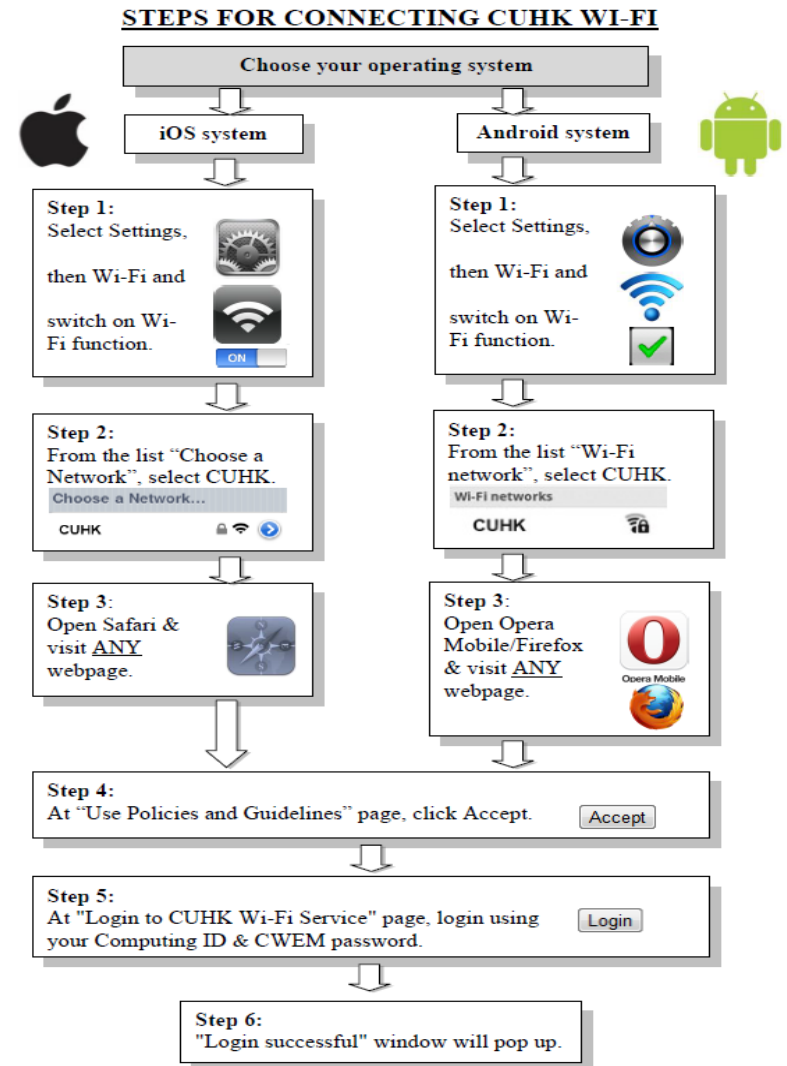
**Student ID**

**Student name**

Remember my student ID and student name.

[About uReply](#)

uReply © The Chinese University of Hong Kong, 2012.



# Testing Your Device

## ▶ How do you feel today?

A. Excited



B. Great!!!



C. Sleepy



D. Bored



E. Hungry



Welcome 2 (test2)  
Session ID 256  
Question number 1

Question: How do you feel today?

A. Excited

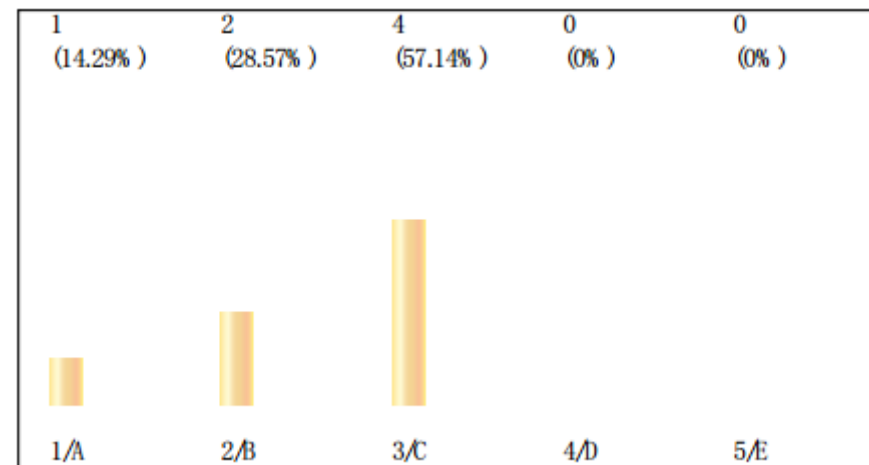
B. Great!!!

C. Sleepy

D. Bored

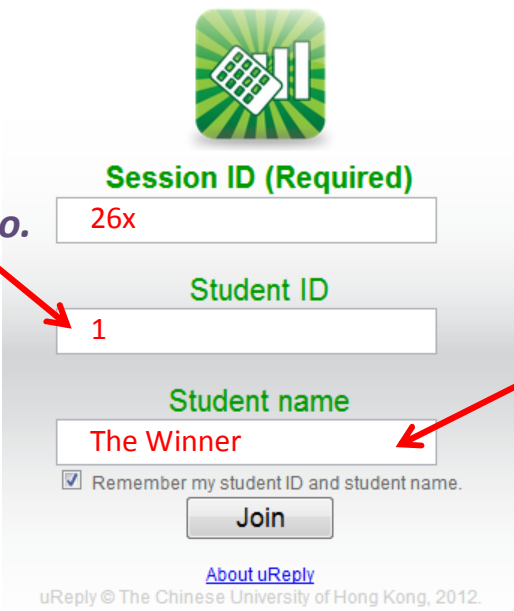
E. Hungry

Your answer submitted: **None**



► **Challenges:**

- What if they do not have a mobile device?



The image shows a registration form for uReply. At the top is a green icon of a calculator and a bar chart. Below it are three input fields: 'Session ID (Required)' with the value '26x', 'Student ID' with the value '1', and 'Student name' with the value 'The Winner'. A checkbox labeled 'Remember my student ID and student name.' is checked. A 'Join' button is at the bottom. Red arrows point from external labels to the 'Student ID' and 'Student name' fields. The label 'Group no.' points to the 'Student ID' field, and the label 'Group name' points to the 'Student name' field.

**Session ID (Required)**  
26x

**Student ID**  
1

**Student name**  
The Winner

Remember my student ID and student name.

**Join**

[About uReply](#)  
uReply © The Chinese University of Hong Kong, 2012.

**Question number: 3**

**Question text:**

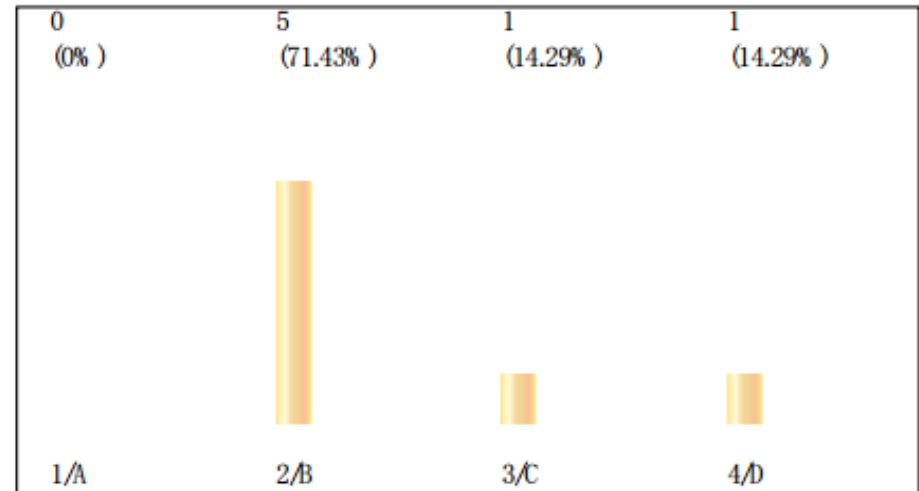
Some stem cells can turn into MOST kind of cells in the body, but they can't become every kind.

Which ones are they?

- A. Early embryonic stem cells (morula)
- B. Blastocyst embryonic stem cells
- C. Umbilical cord stem cells
- D. Adult stem cells

**Total answered response(s): 7**

**Number of answers: 4**



1/A

2/B

1 (Rainbow Unicorns)	6 (Sixth Sense)	4 (Victoria Harbour)	3 (Stem Cell)	7 (Fire Turtle and Crab)
----------------------	-----------------	----------------------	---------------	--------------------------

3/C

5 (Si Daan La)
----------------

4/D

2 (The Chosen Ones)
---------------------

**Question number: 2**

**Question text:**

Please write down 3 things that you know about stem cells.

**Total answered response(s): 7**

6 (Group Six)  Controversial Mitosis Differentiation	4 (derp)  They can differentiate into specialized cells They can be found in the bone marrow Found in the cord blood
2 (stem cell lalala)  undifferentiated can be divided into different cell types mainly found in bone marrow and umbilical cord	3 (Felix)  therapeutic cloning - treat diseases like leukaemia - retain the capability to differentiate into any type of cell - the human body only has a small number of such cells
7 (精氣,seven)  Differentiate to most kind of cells totipotent, pluripotent, multipotent can be found in bone marrow, umbilical cord	5 (Lasik printer)  1) undifferentiated cells 2) can be specialised into different organs 3) can be divided into totipotent or pluripotent stem cells
1 (The Champion)  Some stem cells can turn into any kind of cell (embryonic stem cells), while some stem cells can only become specific types of cells (stem cells in bone marrow producing RBC). The stem cells found in adults and those found in embryos are different. All cells in our body come from stem cells.	



**Question number: 9**

**Question text:**

A. Is cloning of pets acceptable?

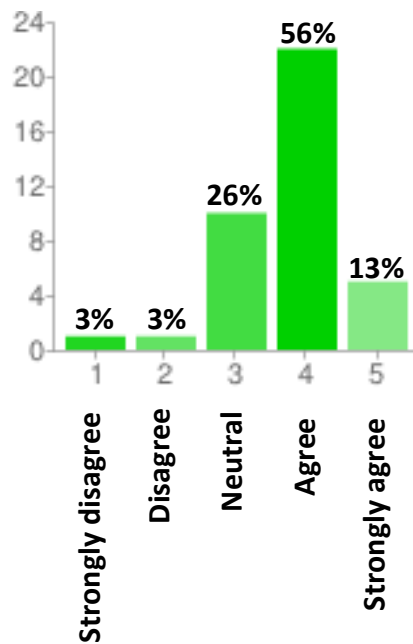
B. Could cloning be the answer to saving endangered species from extinction?

**Total answered response(s): 7**

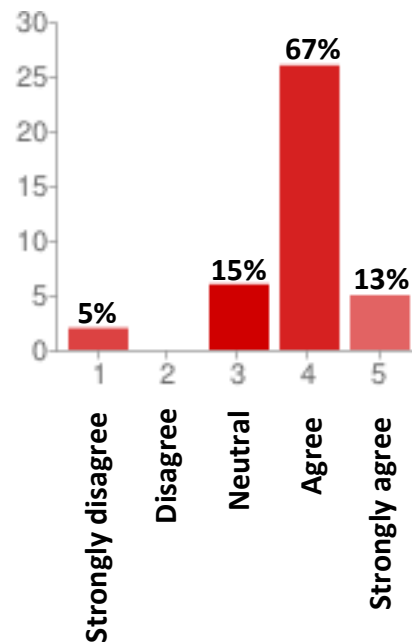
2 (The chosen ones)  A. Not acceptable  B. No-affects evolution. Also once you agree to one sort of cloning, the scope becomes bigger and bigger until cloning is fully justified	4 (victoria harbour)  A. acceptable B. no
3 (stemcell)  question a: acceptable question b: no	7 (fire turtle and crab)  A. yes  B. No
6 (Sixth Sense)  A. Not acceptable B. Yes, but only act as the ultimate measure	5 (si daan la)  A. Not acceptable B. No
1 (Rainbow Unicorns)  A. To an extent... some pets are used to treat depression and it may be beneficial to clone pets, for humans.  B. to an extent as well.	

## ▶ Students' feedback

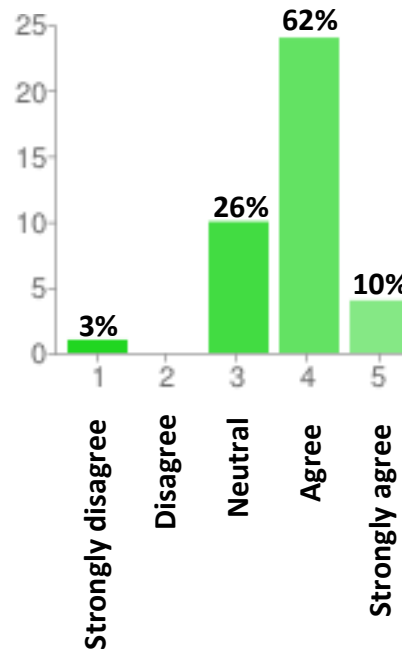
uReply keeps me interested in the lecture.



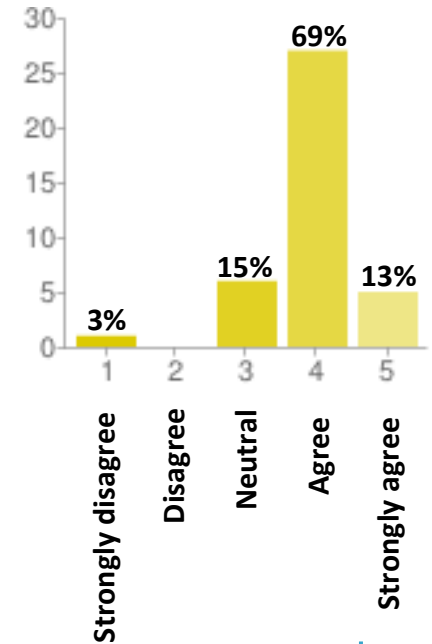
Using uReply gave teacher immediate feedback about my understanding of a concept.



Using uReply helped me to identify misunderstandings and misconceptions in class.



Using uReply in this course was a positive experience.





---

## ▶ Summary

- ❑ uReply is easy to use
- ❑ Supports both MC & short answer questions
- ❑ Teachers can download the student performance report
- ❑ Encourages peer learning
- ❑ Helps students to identify misconceptions
- ❑ The use of uReply in class was a positive experience