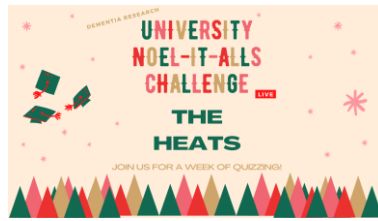




## Karolinska Institutet – HEAT - Questions

Dementia, Science & the Brain	
1	Name of the waste disposal system that is up to 60% more active during sleep
2	At what stage of life does it appear to be particularly important for people to keep their heart healthy to reduce their dementia risk?
3	Wernicke-Korsakoff Syndrome (WKS) can cause symptoms similar to those seen in dementia, what causes the syndrome?
4	Which part of the human brain is the largest?
5	Which scientist said “However difficult like may seem, there is always something you can do an succeed at?”
Some like it hot	
6	Which explorer brought the chili pepper to Europe?
7	Evidence of the first-know carriers dates back to around 2600 BC. Which civilisation was cooking these dishes?
8	How many different varieties of chili peppers are used in the legendary phall curry?
Capitals	
9	Which of these capitals is furthest north? Amsterdam, Helsinki, Bucharest
10	Which capital city was created from two cities lying on either side of the Danube?
11	Doha is the capita of which gulf Arab state?
Art for Arts sake	
12	Which artist famously painted his mother?
13	Which artist is famous for his balloon animals?



14	Leonardo Da Vinci's mural The Last Supper can be seen in which city?
Solar System Challenge	
15	Which is the second largest planet in the solar system?
16	Which planet is famous for its Great Red Spot?
17	What was NASA's Kepler Mission (2008-2018) designed to search for?
Historic Medicine	
18	Which ancient civilisation was the first to use examination, diagnosis, treatment and prognosis for medical ailments?
19	What became the anaesthetic of choice after the 1840s?
20	In which decade did tobacco first become linked to lung cancer?
Famous People in History	
21	Which English King had 6 wives?
22	Who was the first president of the United States?
23	Who led the Bolshevik Revolution in Russia in 1917?
Classic Christmas Movies	
24	In White Christmas, where is the inn that the couples try to save?
25	In Home Alone, where are Kevin's family going on holiday when they leave him 'home alone'?
26	How many couples does the story follow in the Richard Curtis film 'Love Actually'?
Sweden & the Karolinska Institute	
27	According to Wikipedia – What year was it founded?
28	What is its motto in English or Swedish?
29	Who is the current Rector of the Institute?
30	What is the name of the bridge that joins Denmark and Sweden?



## The Answers

1	Glymphatic system
2	40s and 50s
3	Vitamin B1 deficiency
4	Cerebrum
5	Stephen Hawking
6	Christopher Columbus
7	The Indus
8	10
9	Helsinki
10	Budapest
11	Qatar
12	Whistler
13	Jeff Koons
14	Milan
15	Saturn
16	Jupiter
17	Exoplanets
18	Egyptian
19	Chloroform
20	1970s
21	Henry VIII
22	George Washington
23	Lenin
24	Vermont
25	Paris
26	8 couples
27	1810
28	Att förbättra människors hälsa / to improve human health
29	Ole Petter Ottersen
30	Oresund Link