**Questions**

**IT**

1. What’s the default cluster size in the NTFS file system under Windows ?

* 2 KB
* 4 KB
* 16 KB
* 256 KB

1. What’s the key combination to bring up the task manager directly in Win 7/ Vista ?

* Ctrl+alt+del
* Ctrl+shift+esc
* Ctrl+F1
* Alt+ shift

1. What is the slowest type of memory ?

* SSD
* RAM
* SWAP FILE
* ROM

1. Which commonly used in programming symbol is usually missing on most keyboards?

* Pipe
* Asterix
* Tilde
* Percentage

1. What does retina display initially meant when the term was first marketed by Apple ?

* Higher pixel count
* Higher pixel density
* Higher contrast and brightness
* Better viewing angles

1. For a long time advancement in microprocessor technologies is marked not by increasing frequency but by decreasing manufacturing process, which leads to improved power efficiency and architecture. What is the latest by Intel (mass production)?

* 32nm
* 22nm
* 10nm
* 14nm

1. In Unix-based OS it is called terminal, how is it called in Windows ?

* CMD
* Port
* Debugger
* Control Panel

1. We already have „Acne for dummies” and „Raising cattle for dummies”, but which is the first book of the series?

* Windows for Dummies
* Macintosh for dummies
* DOS for dummies
* C++ for dummies

1. In RGB red is 255, 0, 0. In CMYK it is 0, 100, 100, 0, how about HTML notation ?

* 0, 0, 0
* ff0000
* 009900
* ffffff

1. Which of the below is one of the most recent programming languages?

* Swift
* Groovy
* Windows Power Shell
* Delphi

**Science and Technology**

1. What is the other big advantage of Hubble telescope compared to ground-based ones , apart from the fact that it eliminates atmosphere effects?

* It can be used 24h a day
* No gravitational pull to warp the lenses and instruments
* Transmits data faster to space agencies due to being able to hover directly above them
* It can see in infrared.

1. What is the most common practical application of the Kelvin temperature scale?
2. What’s the least amount of GPS satellites a GPS device needs to pinpoint the coordinates?
3. What’s the name of the device that measures radio activity?
4. Which are the two main technologies for making digital camera sensors?
5. What does W stand for in the motor oil names? For example 10W 40.
6. What’s the name of the effect of squeezing and stretching sound waves depending on the speed of the subject emitting the sound?

**Earth Science / Animals**

1. Apart from Mayan calendar the end of the world has also been symbolically predicted by the so called Doomsday Clock. Designed in 1947 it is being maintained by the scholars in the Chicago University. The closer the arrow is to 12 o’clock the closer is the world to a global cataclysm. The arrow was being moved forward primarily due to the risk of a nuclear war. The cold war days are past now, but recently the arrow has been moved forward to 11:55, this time the reason is different?
2. What animal makes sounds that can be heard over the longest distance?
3. Which animal does not sleep?
4. Which animal has the most teeth?
5. Which is the most poisonous animal on earth?

**Economy / Geography**

1. The viewing platforms on skyscrapers are the ideal place to get a bird-eye view of the city. What’s the highest place one could look from in the period 1976 – 2001?
2. Which man-made object is often said to be seen from space, while this is actually not true?
3. Which is the fourth in population country on Earth?
4. Which is the newest country on the planet?
5. Why “Wall street” is called like that?
6. Which other country apart from Russia in Asia writes in Cyrillic?
7. The Moscow subway is famous with one thing. Which is it?