



Riddles – Answer Sheet

1. The list of Israeli inventions appearing in the movie:

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|---------------------------------|----------------------------|-----------------------------------|
| • The Lavi plane | • Copaxone medicine | • Citrus juicer |
| • Iron Dome system | • B-cure laser | • Dolphin – a pool cleaning robot |
| • Unmanned Aerial Vehicle (UAV) | • Source sandals | • Wonder Pot |
| • The Arrow missile | • Kinect camera technology | • Bamba |
| • ICQ | • Babylon | • Ptitim |
| • Mobileye | • Waze | • Cherry tomatoes |
| • Drip irrigation | • Viber | • Shkedei Marak (soup croutons) |
| • Biological pest control | • Krav maga | • Bisli |
| • Rummikub | • Solar water heater | • Jerusalem mixed grill |

2. DiskOnKey – its main advantages lie in how easy it is to use, and its portability. This device was first developed by Israeli company M-systems, headed by Dov Moran, in 1999.

3. B. The ICQ program allows people, who are far away from each other geographically, to communicate over the computer in real time. The ICQ revolution made it possible to form a private online community of friends. ICQ was developed by the Israeli company Mirabilis in 1996.

4. A. The WIX platform for building websites.

5. Indigo's digital press.

7. A. Capsule endoscopy.

8. A. The Israeli Argo company developed ReWalk, an exoskeleton that straps onto the legs, allowing individuals with spinal cord injuries to stand up, walk, climb stairs, sit down, and even get rid of their wheel chair.

9. A. Inflatable sterile tent. This kit was invented by SYS Technologies in 2012.

B. These inflatable tents helped fight the spread of the Ebola virus epidemic in Africa.

10. Systems for producing clean drinking water from the air and from polluted water. The Water-Gen Company supplied thousands of people with drinking water in Houston and Miami, following the hurricanes in those United States cities in 2017.

11. Drip irrigation is a watering system that was developed in Israel. It is considered one of the most important inventions in global agriculture. Drip irrigation allows you to slowly water the plants with a controlled blend of fertilizer. This ensures that the water reaches the plants' roots and is not wasted.

This invention significantly changed global agriculture practices, by helping increase and improve the crops' quality while using less water

12. A. Israeli scientists developed this small tomato, which is more suitable for the Israeli climate, and ripens at a slower pace. Its name derives from its shape which resembles a cherry. Cherry tomatoes are sold all over the world, and are also grown abroad. The most popular strain of cherry tomatoes was developed by Prof. Nahum Kedar and Prof. Haim Rabinowitz from the faculty of agriculture at Hebrew University, Jerusalem.

13. A. The answer is Sde Eliyahu. That is where biological pest control is manufactured.

B. Biological pest control means pest management in agricultural fields. This is accomplished by animals and insects that take care of the harmful insects. This cutting edge pest control helps modern agriculture find an efficient solution for chemical pest control. Chemical pest control is problematic since it leaves behind a residue in the produce, and the insects eventually build up a resistance to it.

14. A. Poland, Israel, Russia, Slovakia, Brazil, and Costa Rica.
B. Ecological ponds are closed systems for farming fish in fresh water and in the sea. This prevents environmental pollution, such as fish discharges, caused by farming the fish in pools and cages in the open sea.
Farming fish in ecological ponds is a water saving process that includes dissolving oxygen, and an automatic sorting system that passes the fish from pool to pool according to their size. This produces fish that at the end of the process are nearly identical in size, according to the customer's needs.
16. B. This technology was developed by the Israeli startup company PrimeSense, which was founded in 2005. Its technology can decipher specific body movements, allowing one to control electrical devices without touching them. This is accomplished with infra red light, a camera, and a special electronic chip that enables one to follow the movements of objects and people in three dimensions.
17. A. The Rummikub colors are black, orange, blue, and red. The game has two jokers.
B. The first person to finish using all their tiles and announce 'Rummikub' is the winner!
C. Taki
18. A citrus juicer invented in 1928 and designed differently from a regular hand juicer. In a hand juicer, you press on the fruit in circular motions in order to squeeze the juice from it. However, in this juicer, invented by Itzhak Zaksenberg, you pull the lever down. This creates strong pressure on the fruit, easily smashes it, and the juice quickly flows into a cup.
19. Solar energy – energy originating from the sun's radiation.
20. The Source Company was founded in 1989, and its hiking and trekking products are sold in Israel and around the world. The company operates outside of Israel under the brand name Source.
21. 1. The primary function of the Unmanned Aerial Vehicle (UAV) is spying missions and gathering information in enemy territory.
2. The Merkava tank.
3. The Iron Dome system
This aerial defense system for shooting down short range rockets has achieved great operational success. Later on, this system also included the ability to shoot down mortars, and UAVs. This system was developed by Rafael – Advanced Defense Systems Ltd. and Elta, the daughter company of the Israel Air Industry, with US monetary aid.
Marking seventy years of Israeli Independence, the Ministry of Economy and Industry presented to the public vote all the products and cutting edge technologies that were invented and developed in Israel since its establishment. The public chose the Iron Dome system as the top invention
22. A. The Blue Box.
23. Biofilter – a system that purifies water that hasn't seeped into the ground, in order to use this water for various needs.
This system purifies the polluted surface runoff water, and makes this water clean enough to be used for either drinking or irrigation purposes.