

## Unit 13

### Listening

**1. Listen and state if a-h below are true (T) or false (F).**

- a. Two people invented the new device.
- b. The new project has made \$10 million in profits.
- c. The security industry is not interested in it.
- d. The article says the device could make smells in hospitals disappear.
- e. Silicon chips are not powerful enough to make devices that can smell.
- f. The inventor used neurons from the brains of mice.
- g. The use of neurons in computers is called biotechnology.
- h. The inventor wants to try and build a human brain.

**Listen and choose the answers.**

- 1) created a revolutionary new computer that has \_\_\_\_\_ (AI)
  - a. arty fissure intelligence
  - b. arty facial intelligence
  - c. artificial intelligence
  - d. are tea fish all intelligence
- 2) Dr Agabi said his project is already making \_\_\_\_\_ \$10 million
  - a. profit soft
  - b. proffer soft
  - c. prof, its off
  - d. profits of
- 3) The security industry is also keeping \_\_\_\_\_
  - a. a cloze watch
  - b. a clothes watch
  - c. ache loads watch
  - d. a close watch
- 4) It could also be used in airport security systems to \_\_\_\_\_
  - a. smell explosives
  - b. smell explosive
  - c. smell explosion
  - d. smell expo sieves
- 5) An additional use could be in hospitals to smell diseases \_\_\_\_\_
  - a. inhumane
  - b. inn humans
  - c. in who mans
  - d. in humans
- 6) Dr Agabi did not base Koniku on silicon chips. Agabi said computers have used \_\_\_\_\_
  - a. silly con for decades
  - b. sill icon for decades
  - c. see lick on for decades
  - d. silicon for decades
- 7) it is not powerful enough to deal with the maths needed to \_\_\_\_\_
  - a. cognize smells

- b. re-cog nice smells
- c. recognize smells
- d. wreck cog nice smells
- 8) Agabi said biotechnology can make \_\_\_\_\_ smell
  - a. devices what can
  - b. devices that can
  - c. devices than can
  - d. device is that can
- 9) Our deep learning networks are all \_\_\_\_\_
  - a. copy in the brain
  - b. cope pee in the brain
  - c. copying in the brain
  - d. copying the brain
- 10) We do not want to build a human brain. It's not \_\_\_\_\_
  - a. science fiction
  - b. science faction
  - c. science friction
  - d. science fraction

### **MULTIPLE CHOICE - QUIZ**

- 1) What is Dr Oshi Agabi's job besides being a neuroscientist?
  - a) CEO
  - b) engineer
  - c) physicist
  - d) robot builder
- 2) When did Dr Agabi launch his start-up project?
  - a) earlier this year
  - b) three years ago
  - c) 2011
  - d) last year
- 3) How much profit has Dr Agabi made?
  - a) \$10 million
  - b) \$11 million
  - c) \$12 million
  - d) \$14 million
- 4) What kind of industry is interested in Dr Agabi's device?
  - a) the food industry
  - b) the spying industry
  - c) the security industry
  - d) the engineering industry
- 5) Where could the new device smell diseases in humans?
  - a) in airports
  - b) in hospitals
  - c) in the streets
  - d) in people's homes
- 6) What did Dr Agabi say was not powerful enough for his device?
  - a) silicon chips
  - b) the human brain
  - c) electricity
  - d) processes
- 7) From what animal's brain does the device use brain neurons?

- a) a dog
  - b) a chimpanzee
  - c) a mouse
  - d) a monkey
- 8) What do neurons use to send information, besides chemical signals?
- a) electricity
  - b) processes
  - c) silicon
  - d) protein
- 9) What did Dr Agabi say bio was?
- a) tech
  - b) important
  - c) bionics
  - d) biomass
- 10) What did Dr Agabi say he didn't want to build?
- a) a hospital
  - b) a building
  - c) a silicon chip computer
  - d) a human brain