|   | Topic          | Question  | Circle the right one, Cross out the Impossible one |               |                 |
|---|----------------|---|--|---------------|-----------------|
|   | Example        | Layer in the Earth's crust with highest average temperature | Outer core   | Inner core    | Mantelpiece     |
| 1 | Fish           | Inedible fish   | Salmon   | Boxfish       | Groupon         |
| 2 | Elements       | Metallic element that is a liquid at 100 degC               | Bromine  | Indium        | Sodium          |
| 3 | Discoveries    | Element named after a famous scientist                      | Gadolinium   | Opprobrium    | Promethium      |
| 4 | Compounds      | Organic compound with the lowest molecular weight           | Calcium<br>carbonate                               | Benzene       | Sugar           |
| 5 | Colours        | Which colour has the shortest wavelength?                   | Violet   | Green         | Ultramarine     |
| 6 | Imperial Units | Smallest imperial weight                                    | Ton  | Quart         | Hundredweight   |
| 7 | Trees          | Which is a native UK tree?                                  | Silver Birch                                       | Golden Oak    | Platinum Blonde |
| 8 | Insects        | Most useful garden insects                                  | Aphid  | Ground beetle | Woodlouse       |
| 9 | Flying things  | Largest aircraft wingspan ever to fly                       | Flying Fox   | Stratolaunch  | Spruce Goose    |

## U3A Science Group

## The "Impossible" Quiz

## **Christmas Cheer 2018**

|    | Topic                | Question  | Circle the right one, Cross out the Impossible one |                      |                                |  |
|----|----------------------|---|--|----------------------|--------------------------------|--|
| 10 | Mammals              | Largest mammal  | Whale shark  | Blue whale           | African bush<br>elephant       |  |
| 11 | Teeth                | Animal with the most teeth                            | Giant armadillo                                    | Spinner dolphin      | Tooth fairy                    |  |
| 12 | Poisons              | Most deadly plant                                     | Deadly<br>dapperling                               | Deadly<br>nightshade | Tobacco                        |  |
| 13 | Solar system         | Largest moon  | Callisto   | Runnymede            | Titan                          |  |
| 14 | Processes            | Most recent chemical process                          | Haber  | Bessemer             | Brexit                         |  |
| 15 | Theories             | Most important scientific theory                      | Heliocentrism                                      | Plant tectonics      | Evolution by natural selection |  |
| 16 | Weather              | Highest cloud formation                               | Altostratus  | Cirrus               | Tumulus                        |  |
| 17 | Famous<br>scientists | Which Physics Nobel laureate discovered the electron? | Peter Higgs  | Robert Robinson      | J.J. Thomson                   |  |
| 18 | Computer storage     | Common type of computer storage                       | Floppy disc  | Hard disc            | Slipped disc                   |  |