

## SECTION 4 Questions 31–40

Complete the notes below.

Write **ONE WORD ONLY** for each answer.

### The hunt for sunken settlements and ancient shipwrecks

#### ATLIT-YAM

- was a village on coast of eastern Mediterranean
- thrived until about 7,000 BC
- stone homes had a courtyard
- had a semicircle of large stones round a 31 .....
- cause of destruction unknown – now under the sea
- biggest settlement from the prehistoric period found on the seabed
- research carried out into structures, 32 ..... and human remains

#### TRADITIONAL AUTONOMOUS UNDERWATER VEHICLES (AUVs)

- used in the oil industry, e.g. to make 33 .....
- problems: they were expensive and 34 .....

#### LATEST AUVs

- much easier to use, relatively cheap, sophisticated

#### Tests:

- Marzamemi, Sicily: found ancient Roman ships carrying architectural elements made of 35 .....

#### Underwater internet:

- 36 ..... is used for short distance communication, acoustic waves for long distance
- plans for communication with researchers by satellite
- AUV can send data to another AUV that has better 37 ..... for example

#### Planned research in Gulf of Baratti:

- to find out more about wrecks of ancient Roman ships, including
  - one carrying 38 ..... supplies; tablets may have been used for cleaning the 39 .....
  - others carrying containers of olive oil or 40 .....