# Unit Test 1

Answer all the questions. There is one mark per question.

language

1 Put the verbs in brackets into the correct tense.

Sir Alexander Fleming (1) \_\_\_\_\_\_\_\_\_\_ (be) born in Scotland on August 6th, 1881 where he (2) \_\_\_\_\_\_\_\_\_\_ (go) to school until moving to London to attend the Polytechnic. After four years in a shipping office he (3) \_\_\_\_\_\_\_\_\_\_ (join) St. Mary's Medical School, London University. One of the most important medical advances in history (4) \_\_\_\_\_\_\_\_\_\_ (begin) by accident. On the morning of September 3rd, 1928, Professor Alexander Fleming (5) \_\_\_\_\_\_\_\_\_\_ (clear up) his untidy laboratory and

(6) \_\_\_\_\_\_\_\_\_\_ (sort) through a number of glass plates that had previously been coated with staphyloccus bacteria as part of research he (7) \_\_\_\_\_\_\_\_\_\_ (do) when he (8)\_\_\_\_\_\_\_\_\_\_ (notice) that one of the plates (9) \_\_\_\_\_\_\_\_\_\_ (have) mould on it in the shape of a ring. The area around the ring (10) \_\_\_\_\_\_\_\_\_\_ (seem) to be free of the bacteria staphyloccus and it was this substance that he subsequently named penicillium notatum.

2 Complete the dialogue with suitable questions. Use the verbs in brackets.

A: We’re currently working on a new engine design.

B: (11)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(work)?

A: For the last 6 months.

B: (12)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (make) a prototype?

A; No, we haven’t. Not yet.

B: (13)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(finish)?

A: By the end of next month.

B: (14) \_\_\_\_\_\_\_\_\_\_\_your team\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(do) now?

A: They are building some of the components.

B: (15) \_\_\_\_\_\_\_\_\_\_\_ people \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(be)?

A: There are 8 of us in the team.

3 Join the information into a single sentence using the past participle.

16 Penicillin was discovered nearly a century ago + saved countless lives \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17 The power source is located below the ruby crystal + makes the light flash on and off.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18 The photon is absorbed by the atom + creates more photons.

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19 Small pockets of oil are spread over a large area + difficult to extract

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20 Oil was found bubbling up to the Earth’s surface + mainly used for lighting in the past

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vocabulary

4 Match the statement halves.

21 Let’s move on \_\_\_\_\_

22 We can now \_\_\_\_\_

23 As you can \_\_\_\_\_

24 I think I’ve covered \_\_\_\_\_

25 I’m now going \_\_\_\_\_

a) see on the diagram

b) to the next section

c) the main points

d) to handover to John

e) turn to the next part

5 Choose the correct option.

26 A horizontal well weaves *complexly/laterally* back and forth across a number of oil-containing zones.

27 A single snake well has the *dual/adjacent* advantage of reducing cost and ensuring no oil is overlooked.

28/29 Archimedes principle states that a body *injected/immersed* in water experiences a buoyant force equal to the weight of the liquid *replaced/displaced*.

30 The snake well uses a *swellable/steerable* drill which can be positioned very accurately.