Cambridge 14 Test 1

SECTION 3

Questions 21-25

Choose the correct letter, **A**, **B** or **C**.

Cities built by the sea

21 Carla and Rob were surprised to learn that coastal cities

A contain nearly half the world's population.

B include most of the world's largest cities.

C are growing twice as fast as other cities.

22 According to Rob, building coastal cities near to rivers

A may bring pollution to the cities.

B may reduce the land available for agriculture.

C may mean the countryside is spoiled by industry.

23 What mistake was made when building water drainage channels in Miami in the 1950s?

A There were not enough for them.

B They were made of unsuitable materials.

C They did not allow for the effects of climate change.

24 What do Rob and Carla think that the authorities in Miami should do immediately?

A take measures to restore ecosystems

B pay for a new flood prevention system

C stop disposing of waste materials into the ocean

25 What do they agree should be the priority for international action?

A greater coordination of activities

B more sharing of information

C agreement on shared policies

LIVEWORKSHEETS

Questions 26-30

What decision do the students make about each of the following parts of their presentation?

Choose **FIVE** answers from the box and write the correct letter, A-G, next to Questions 26-30.

Decisions

A use visuals
B keep it short
C involve other students
D check the information is accurate
E provide a handout
F focus on one example
G do online research

Parts of the presentation

26 Historical background .....
27 Geographical factors .....
28 Past mistakes .....
29 Future risks .....
30 International implications .....

LIVEWORKSHEETS

SECTION 4

Questions 31-40

Complete the notes below. Write **ONE WORD ONLY** for each answer.

Marine renewable energy (ocean energy)

Introduction

More energy required because of growth in population and **31**.....

What's needed:

- renewable energy sources
- methods that won't create pollution

Wave energy

Advantage: waves provide a **32**..... source of renewable energy

Electricity can be generated using offshore or onshore systems

Onshore systems may use a reservoir

Problems:

- waves can move in any **33**.....
- movement of sand, etc. on the **34**..... of the ocean may be affected

Tidal energy

Tides are more **35**..... than waves

Planned tidal lagoon in Wales:

- will be created in a **36**..... at Swansea
- breakwater (dam) containing 16 turbines
- rising tide forces water through turbines, generating electricity
- stored water is released through **37**....., driving the turbines in the reverse direction

Advantages:

- not dependent on weather
- no **38**..... is required to make it work
- likely to create a number of **39**.....

Problem:

- may ham fish and birds, e.g. by affecting **40**..... and building up silt

Ocean thermal energy conversion

Uses a difference in temperature between the surface and lower levels

Water brought to the surface in a pipe

LIVEWORKSHEETS