# SECTION 4 Questions 31-40

Complete the notes below.

Write ONE WORD ONLY for each answer.

# **Noise in Cities**

Past research focused on noise level (measured in decibels) and people's responses.

## Noise 'maps'

- show that the highest noise levels are usually found on roads
- do not show other sources of noise, e.g. when windows are open or people's neighbours are in their 31 ......
- ignore variations in people's perceptions of noise
- have made people realize that the noise is a 32 ...... issue that must be dealt with

# Problems caused by noise

- sleep disturbance
- increase in amount of stress
- effect on the **33** ..... of schoolchildren

### Different types of noise

Some noises can be considered pleasant e.g. the sound of a **34** ......in a town

To investigate this, researchers may use methods from **35** .....sciences e.g. questionnaires

#### What people want

Plenty of activity in urban environments which are **36** ....., but also allow people to relax

# But architects and town planners

- do not get much 37 .....in acoustics
- regard sound as the responsibility of engineers

# Understanding sound as an art form

#### We need to know

- how sound relates to 38 .....
- what can be learnt from psychology about the effects of sound
- whether physics can help us understand the 39 ...... of sound

# Virtual reality programs

- advantage: predict the effect of buildings
- current disadvantage; they are 40 .....