B2 LISTENING PRACTICE 8

Task 1: [Test_01_004.mp3] Listen to a radio interview. Choose the correct option a, b or c.

1 Ungar Travel
a has a few travel agencies in towns.
b no longer has high street agencies.
c started online two years ago.

2 The company was unhappy about
a losing experienced staff.
b firing several older staff.
c changing the working hours.

3 The company announced that
a the travel business was changing.
b branch managers were unnecessary.
c a new management team would run the company.

4 After the announcement
a most staff were unhappy about it.
b several managers lost their jobs.
c managers were offered training.

5 What was the reaction of non-management staff to having no managers?
a At first they were worried about it.
b They reported a lot of problems to their managers.
c They realised they would be responsible for their own work.

6 The problems of the non-management staff were solved by
a creating a flatter structure.
b working in teams.
c asking people to leave.

7 The feedback on the no-manager structure indicated that
a people were unhappy.
b staff were generally positive about the company.
c productivity was decreasing.

Task 2: Listen to the audio and complete the notes below. Write NO MORE THAN TWO WORDS for each answer.

1. Definition

- VLSI physical design is the process of transforming logic circuits into a physical design.
- Logic circuits are described in RTL, which stands for Register Transfer Level.
- It uses hardware description languages such as Verilog or (1) _____.
- The final (2) _____ can be fabricated onto a semiconductor substrate.

2. Main objectives

- Ensure optimal performance, (3) _____ and manufacturability.

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- Create an IC that meets the (4) _____
- Minimize the (5) _____ and maximize the performance.

3. Physical design process

The process includes four main steps:

- Floor planning
- Placement
- (6) _____
- Physical verifications

4. Physical layout

It consists of intricate patterns of interconnected:

- Capacitors
- (7) _____
- Other electronic components

5. Primary objective

(8) _____ the trade-off between:

- Area
- Power
- Performance

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