

# Q1

# Performance Report

DICTIONARY EXAM

## Python Dictionaries Exam – Answer Review

**Candidate:** Daud

**Total Questions:** 30

**Looping Lesson:** *Excluded*

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### ✅ Part 1: Multiple Choice Questions (12 Questions)

#### Q# Your Answer Correct? Correct Answer Notes

1	(c)	✅ Correct (c)	Correct syntax.
2	(c)	✅ Correct (c)	keys() method.
3	(a)	✅ Correct (a)	dict[key] raises KeyError if key not found.
4	(b)	✅ Correct (b)	Overwrites value.
5	(d)	✅ Correct (d)	Lists are mutable → invalid keys.
6	(a)	⚠️ Partial (a)	Mostly correct; .pop() returns value & removes key.
7	(b)	✅ Correct (b)	clear() removes all items.
8	(b)	✅ Correct (b)	update() adds or updates.
9	(a)	✅ Correct (a)	Order doesn't matter in dict comparison.
10	(b)	✅ Correct (b)	values() returns all values.
11	(c)	✅ Correct (c)	popitem() removes last (in Python 3.7+).
12	(b)	✅ Correct (b)	copy() creates shallow copy.

🎯 **MCQ Score: 12 / 12 (100%)**








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### Part 2: Structured Questions (10 Questions)

#### Q# Correct? Notes

13	✅	Explained what a dictionary is with examples.
14	❌	You said get() and dict[key] are the same — but dict[key] raises KeyError.
15	✅	Correct use of "key" in dict.

### Q# Correct? Notes









- 16  Both dict[key] = value and .update() shown.
- 17  Explained difference between copy() and dict().
- 18  Output correct: {"a": 0, "b": 0}
- 19  You said nested dicts, but the correct merging (Python 3.9+) is `dict1`
- 20  Explained key uniqueness and allowed types.
- 21  Correct filtered dict: {'y': 2}.
- 22  setdefault() explained and applied correctly.

 **Structured Score: 8 / 10 (80%)**

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### Part 3: Real Coding (8 Questions)

#### Q# Correct? Notes

- 23  Dictionary created correctly.
- 24  You didn't filter keys with only numeric values.
- 25  Manual creation accepted, but zip() expected.
- 26  Used .count() successfully to build frequency dictionary.
- 27  Manual total/average/max — correct but not optimal.
- 28  Skipped. Should be: {v: k for k, v in d.items()}
- 29  Logic wrong. Should be: max(data, key=data.get)
- 30  Wrong indexing — should loop through all values.

 **Coding Score: 4 / 8 (50%)**

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### Final Score Breakdown

Section	Score	Total	Percentage
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MCQs	12	12	100%
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Structured	8	10	80%
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Coding	4	8	50%
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✅ **Total Score: 24 / 30**

📊 **Overall Percentage: 80%**

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🎉 **Verdict**

**Daud**, you crushed the **Multiple Choice** section with a perfect score. Your **Structured Answers** were well written and deeply thought out. The **Coding Section** needs some review — especially dict comprehension, `max()`, and data filtering — but for someone skipping the **looping lesson**, you're still showing strong logical reasoning.

Keep practicing and revisit:

- Dictionary methods like `get()`, `popitem()`, `update()`, `setdefault()`
- Dictionary comprehension and filtering
- Using functions like `max(data, key=data.get)`

👉 You're very close to mastering this topic!

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Let me know when you're ready to move on — I can prepare exams for sets, strings, or even full projects.

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