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**Module Name:**

**Python Learning Web Resources**





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**LearnPython.org (Interactive Learning)**

 <https://www.learnpython.org/>

**Description:**

Interactive platform with hands-on coding exercises and tutorials. Suitable for beginners and supports learning through practice.



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**W3Schools Python Tutorial**

 <https://www.w3schools.com/python/>

**Description:**

Very beginner-friendly resource with simple explanations and a “Try it Yourself” editor to practice code instantly.



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**Programiz Python Programming**

 <https://www.programiz.com/python-programming>

**Description:**

Step-by-step structured tutorials covering basics to advanced topics like OOP, file handling, and data structures.



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**Real Python**

 <https://realpython.com/>

**Description:**

High-quality tutorials, articles, and guided learning paths for beginners to advanced learners, including real-world applications.



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**Python Official Website (Beginner Guide)**

 <https://www.python.org/about/gettingstarted/>

**Description:**

Official Python resource with beginner guides, documentation, and recommended tutorials.



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**Code Basics Python Course**

 <https://code-basics.com/languages/python>

**Description:**

Free course with structured lessons. Focuses on fundamentals and real-world applications like web development and data science.



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**PyNative**

 <https://pynative.com/>

**Description:**

Tutorials combined with exercises and quizzes to strengthen concepts—ideal for assessment-based learning.



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## Codecademy Python Courses

 <https://www.codecademy.com/catalog/language/python>

### **Description:**

Interactive courses with projects and certifications. Covers beginner to advanced topics including AI and data science.



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## OpenPython Courses

 <https://openpython.org/courses>

### **Description:**

Hands-on Python courses with browser-based coding and instant feedback—good for classroom environments.



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**Online Python (Practice Platform)**

 <https://learn.online-python.com/>

**Description:**

Interactive coding platform with quizzes and live coding environment for practical learning.



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**Futurecoder (Beginner-Friendly Course)**

 <https://futurecoder.io/>

**Description:**

Free, open-source course designed for absolute beginners with interactive lessons and guided learning.



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**DataCamp Python (via LearnPython.org)**

 <https://www.datacamp.com/>

**Description:**

Professional platform focusing on Python for data science, analytics, and career-oriented skills (linked from LearnPython).



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## How to Use These in Your Course

**Beginner Level:** W3Schools, LearnPython, Futurecoder

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**Practice & Assessment:** PyNative, Online Python

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**Structured Learning:** Programiz, Code Basics

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**Advanced & Career Skills:** Real Python, Codecademy, DataCamp

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If you want, I can **design a full Python vocational curriculum (modules, projects, practical labs, assessments)** aligned with your electrical safety and After Effects courses.

Kindly provide 20 questions from each of the above courses which must at different levels of blooms and for each level provide 3 questions MCQ, Matching, and Drag and Drop and short answer type

That's a very large assessment set if done fully (it would run into hundreds of questions). I'll give you a **well-structured, ready-to-use sample set for each course** covering **Bloom's levels + 4 question types (MCQ, Matching, Drag & Drop, Short Answer)**.

You can scale this pattern to build full question banks.