MCQ 2

HTTP & Requests (5 questions)

Q1. Which library is typically used in Python to perform HTTP requests?
A. selenium
B. bs4
C. requests
D. pandas

Answer: C

Q2. What happens when a client sends an HTTP request?
A. The server executes Python
B. The server returns a response
C. The browser parses HTML
D. JavaScript is disabled

Answer: B

Q3. Which attribute gives access to binary content?
A. response.text
B. response.status
C. response.content
D. response.html

Answer: C

Q4. What does HTTP status code **301** indicate?
A. Server crash
B. Unauthorized access
C. Redirection
D. Success

Answer: C

Q5. If response.status_code is 200, what does it mean?
A. Page not found
B. Request successful

C. Access forbidden

D. Timeout

Answer: B

BeautifulSoup — Core Concepts (5 questions)

Q6. What does BeautifulSoup primarily help with?

A. Sending HTTP requests

B. Executing JavaScript

C. Parsing and navigating HTML

D. Cleaning DataFrames

Answer: C

Q7. Which object represents the HTML structure as a tree?

A. Response

B. DOM

C. CSS

D. Regex

Answer: B

Q8. Which method should you use if multiple elements are expected?

A. find()

B. select_one()

C. find_all()

D. get_text()

Answer: C

Q9. What happens if find() does not find a matching element?

A. Raises an error

B. Returns an empty list

C. Returns None

D. Stops execution

Answer: C

Q10. How do you extract text safely while removing extra spaces?

A. tag.text

B. tag.string

C. tag.get_text(strip=True)

D. tag.clean()

Answer: C

Regular Expressions (5 questions)

Q11. Regex is best described as:

A. A programming language

B. A web protocol

C. A pattern-matching system

D. A scraping framework

Answer: C

Q12. Which task is regex *especially* useful for?

A. Navigating HTML tags

B. Clicking buttons

C. Extracting phone numbers from text

D. Sending POST requests

Answer: C

Q13. What does extracting patterns mean?

A. Formatting HTML

B. Selecting repeated structures in text

C. Cleaning DataFrames

D. Sorting values

Answer: B

Q14. Why is memorizing regex discouraged in this course?

A. Regex is outdated

B. Regex is unsafe

C. Understanding usage matters more than syntax

D. Regex is automatic

Answer: C

Q15. Which is a realistic learning objective?
A. Writing complex regex from scratch
B. Knowing when regex is appropriate
C. Building regex engines
D. Avoiding regex entirely

Answer: B

Selenium (5 questions)

Q16. When is Selenium necessary?
A. For static HTML pages
B. When content is rendered by JavaScript
C. When using BeautifulSoup
D. For CSV files

Answer: B

Q17. What does driver.get(url) do?
A. Downloads HTML only
B. Opens a webpage in a browser
C. Parses the DOM
D. Extracts text

Answer: B

Q18. Why might .click() be needed before scraping?
A. To refresh the page
B. To reveal hidden content
C. To close Python
D. To parse HTML

Answer: B

Q19. What is Selenium's main advantage over requests?
A. Faster execution
B. JavaScript execution

C. Cleaner HTML
D. Built-in parsing

Answer: B

Q20. Which object controls the browser in Selenium?
A. Parser
B. Response
C. WebDriver
D. Session

Answer: C