

# ABC International School

## Class X – Mixed Question Paper

### Normal MCQs + MTF (Match the Following) MCQs

Name: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_

Roll no.: \_\_\_\_\_

#### Instructions:

- Fill OMR sheet with blue/black pen.
- Fill circles completely.
- No stray marks.
- Enter Name, Class, Section.

**SET A**

Questions: **12**  
Duration: **45min**

#### Programming & Technology

*Mixed questions: MTF-MCQ matching + Normal MCQ about programming and technology*

1. How many of the following are correctly matched?

- |                |                            |
|----------------|----------------------------|
| i. Python      | - Data science and AI      |
| ii. JavaScript | - Web frontend development |
| iii. SQL       | - Database queries         |

- |                  |                    |
|------------------|--------------------|
| A. Only i and ii | B. Only ii and iii |
| C. All three     | D. None            |

2. How many of the following are incorrectly matched?

- |          |                         |
|----------|-------------------------|
| i. HTML  | - Styling web pages     |
| ii. CSS  | - Markup language       |
| iii. PHP | - Server-side scripting |

- |            |                  |
|------------|------------------|
| A. Only i  | B. Only i and ii |
| C. Only ii | D. All three     |

3. Which programming language is primarily used for web frontend development?

- |           |               |
|-----------|---------------|
| A. Python | B. JavaScript |
| C. C++    | D. Java       |

4. What does API stand for in software development?

- A. Application Programming Interface
- B. Advanced Programming Implementation
- C. Automated Program Integration
- D. Application Process Interface

#### Geography & World Knowledge

*Mixed questions: MTF-MCQ matching + Normal MCQ about geography and world knowledge*

5. How many of the following are correctly matched?

- |                |            |
|----------------|------------|
| i. France      | - Paris    |
| ii. Japan      | - Beijing  |
| iii. Australia | - Canberra |
| iv. Brazil     | - Brasília |
| v. Egypt       | - Cairo    |

- |                          |             |
|--------------------------|-------------|
| A. i, iii and iv only    |             |
| B. i, iii, iv and v only |             |
| C. ii, iii and v only    | D. All five |

6. How many of the following are incorrectly matched?

- |             |               |
|-------------|---------------|
| i. India    | - New Delhi   |
| ii. China   | - Shanghai    |
| iii. Russia | - Moscow      |
| iv. Canada  | - Ottawa      |
| v. Mexico   | - Guadalajara |

- |            |                  |
|------------|------------------|
| A. Only ii | B. Only ii and v |
| C. Only v  | D. None          |

7. Which is the largest continent by area?

- |                  |           |
|------------------|-----------|
| A. Africa        | B. Asia   |
| C. North America | D. Europe |

8. The Amazon River primarily flows through which country?

- |             |              |
|-------------|--------------|
| A. Colombia | B. Peru      |
| C. Brazil   | D. Venezuela |

### Science & Chemistry

Mixed questions: MTF-MCQ matching  
+ Normal MCQ about science and chemistry

9. How many of the following are correctly matched?

- |             |      |
|-------------|------|
| i. Gold     | - Au |
| ii. Silver  | - Ag |
| iii. Iron   | - Fe |
| iv. Copper  | - Cu |
| v. Lead     | - Pb |
| vi. Mercury | - Hg |
| vii. Tin    | - Sn |
| viii. Zinc  | - Zn |

- |              |               |
|--------------|---------------|
| A. All eight | B. Seven only |
| C. Six only  | D. Five only  |

10. How many of the following are incorrectly matched?

- |               |      |
|---------------|------|
| i. Hydrogen   | - H  |
| ii. Helium    | - He |
| iii. Lithium  | - Li |
| iv. Carbon    | - Ca |
| v. Nitrogen   | - N  |
| vi. Oxygen    | - O  |
| vii. Fluorine | - F  |
| viii. Neon    | - Ne |

- |             |               |
|-------------|---------------|
| A. None     | B. Only one   |
| C. Only two | D. Only three |

11. What is the chemical formula for water?

- |                     |                    |
|---------------------|--------------------|
| A. H <sub>2</sub> O | B. CO <sub>2</sub> |
| C. NaCl             | D. CH <sub>4</sub> |

12. Which of the following is a noble gas?

- |           |             |
|-----------|-------------|
| A. Oxygen | B. Nitrogen |
| C. Argon  | D. Carbon   |

\* \* \* \* **END** \* \* \* \*