

Unit - 3 JSON

1. JSON stands for _____.

- A. **JavaScript Object Notation**
- B. Java Object Notation
- C. JavaScript Object Normalization
- D. JavaScript Object-Oriented Notation

2. JSON is a _____ for storing and transporting data.

- A. xml format
- B. **text format**
- C. JavaScript
- D. php format

3. The JSON syntax is a subset of the _____ syntax.

- A. Ajax
- B. Php
- C. HTML
- D. **JavaScript**

4. Who is the creator of JSON?

- A. Alvin Alexander
- B. Rasmus Lerdorf
- C. **Douglas Crockford**
- D. Jesse James Garrett

5. In the JSON syntax, data is separated by _____.

- A. Semicolons
- B. Colons
- C. **Commas**
- D. Hyper

6. In the JSON syntax, array is written within in _____.

- A. **Square brackets**
- B. Curley braces
- C. Paratheses
- D. None of the above

7. What are the features of JSON?

- 1) Simplicity
 - 2) Openness
 - 3) Self-Describing
 - 4) Internationalization
 - 5) Extensibility
 - 6) Interoperability
- A. 1) 2) 4) and 5)

- B. 2) 3) 5) and 6)
- C. 1) 3) 5) and 6)
- D. All of given

8. Which is the correct symbol to insert a comment in JSON?

- A. //
- B. /* ... */
- C. <!-- ... -->
- D. JSON doesn't support the comments

9. In the JSON syntax, data is in ____ pairs.

- A. class/object
- B. name/value
- C. datatype/variable
- D. value/=

10. JSON names (keys) require double quotes?

- A. True
- B. False

11. JSON names (keys) must be strings?

- A. True
- B. False

12. What is the correct syntax of writing JSON name/value pair, where the value is of string type?

- A. "name" : "value"
- B. "name" : value
- C. "name" : 'value'
- D. 'name' : 'value'

13. What is the file type for JSON files?

- A. .jsn
- B. .js
- C. .json
- D. jso

14. What is the MIME type for JSON text?

- A. application/json
- B. application/jsn
- C. xml/json
- D. xml/jsn

15. Which is not a JSON data type?

- A. number
- B. string
- C. array
- D. date

16. The undefined is a valid datatype in JSON?

A. Yes

B. No

17. Which is the correct example of a JSON object with name, age, and city?

A. `{ "record":{"name":"Alex", "age":21, "city":"London"}}`

B. `{ "record"={"name":"Alex", "age":21, "city":"London"}}`

C. `{ "record":{"name":Alex, "age":21, "city":London}}`

D. `{ record :{"name":"Alex", "age":21, "city":"London"}}`

18. Which of these is an example of a proper JSON array?

A. `{ students:["Alex", "Alvin", "Bobby"]}`

B. `{ students="["Alex", "Alvin", "Bobby"]}`

C. `{ "students":["Alex", "Alvin", "Bobby"]}`

D. `{ "students":[{"Alex", "Alvin", "Bobby"]}`

19. In the below statement, what is the type of "student"?

```
{ "student": { "name": "Alvin", "age": 21, "city": "Mumbai" }}
```

A. String

B. Array

C. Object

D. Class

20. Values in JSON can be null?

A. Yes

B. No

21. How to create JSON Boolean object?

A. `{"name"=true/false}`

B. `{'name':true/false}`

C. `{"name":true/false}`

D. `{name:true/false}`

22. A common use of JSON is _____.

A. to update data into the database

B. to retrieve data from the database

C. to exchange data to/from a web server

D. None of the above

23. Which function is used to convert text into a JavaScript object?

A. `JSON.parse()`

B. `string.parse()`

C. `object.parse()`

D. All of the above

24. Which function is used to convert a JavaScript object into a string?

A. `JSON.string()`

B. `JSON.stringify()`

- C. JSON.ToString()
- D. All of the above

25. Which is the correct statement to convert the below given array to string?

```
const arr = ["Alex", "Alvin", "Bobby", "Dock"];
```

- A. const json_arr = JSON.string(arr);
- B. const json_arr = JSON.ToString(arr);
- C. const json_arr = JSON.ArrayToString(arr);
- D. **const json_arr = JSON.stringify(arr);**

26. Which PHP function is used to convert PHP objects into JSON?

- A. json_encode()**
- B. phpjson_encode()
- C. json_string()
- D. json_object()

27. Which PHP function is used to convert the request into an object?

- A. json_decode()**
- B. phpjson_decode()
- C. json_string()
- D. json_object()

28. _____ is a method for sending JSON data without worrying about cross-domain issues.

- A. JSON
- B. json
- C. JSONP**
- D. JSONP_Encode()

29. JSONP stands for _____.

- A. JSON with Packing
- B. JSON with Padding**
- C. JSON with Parsing
- D. JSON with Prefix

30. Does JSON support the Unicode Characters?

- A. Yes**
- B. No

31. Which of the following code will throw an error?

- A. JSON.parse('{"name":"John", "age":30, "city":"New York"}');
- B. JSON.parse(null);
- C. JSON.parse(undefined);**
- D. JSON.parse('[]');

32. What is/are the parameter(s) of the method JSON.parse()?

- A. Text
- B. Reviver

C. Object

D. Both Text and Reviver

33. The order of JSON objects is always preserved?

A. Yes

B. No

34. How do you represent a JSON array of strings?

A. `{ "days" : { "SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT" } }`

B. `{ "days" = ["SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT"] }`

C. `{ "days" = { "SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT" } }`

D. `{ "days" : ["SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT"] }`

35. How do you represent a JSON array of objects?

A. `{ "students": {{"name":"Alvin", "age":21, "city":"Mumbai"}, {"name":"Alex", "age":24, "city":"Delhi"}} }`

B. `{ "students"= [{"name":"Alvin", "age":21, "city":"Mumbai"}, {"name":"Alex", "age":24, "city":"Delhi"}] }`

C. `{ "students"= {{"name":"Alvin", "age":21, "city":"Mumbai"}, {"name":"Alex", "age":24, "city":"Delhi"}} }`

D. `{ "students": [{ "name": "Alvin" , "age": 21 , "city": "Mumbai" } , { "name": "Alex" , "age": 24 , "city": "Delhi" }] }`

36. JSON array elements can be access by ____.

A. Name

B. Key

C. Value

D. Index

37. In the below statement, what is the type of "sports"?

```
{ "name": "Alvin" , "age": 21 , "sports": [ "Cricket" , "Football" , "Running" ] }
```

A. string

B. object

C. class

D. attribute

38. In the below statement, what is the type of "age"?

```
{ "name": "Alvin" , "age": 21 , "sports": [ "Cricket" , "Football" , "Running" ] }
```

A. number

B. int

C. integer

D. long

39. In the below statement, what data type is encoded in the outermost component?

```
[  
  
    {  
  
        "Name" : "Alex"  
  
    } ,  
  
    {  
  
        "Course" : "B.Tech"  
  
    }  
  
]
```

```
}  
]
```

- A. object
- B. array**
- C. string
- D. XML

40. Which number types are available in the JavaScript but not supported in the JSON?

- A. Fractional and Rational
- B. Infinity and Rational
- C. Rational and Irrational
- D. Infinity and NaN**