

Sample Questions

Information Technology

Subject Name: WEBx.0

Semester: VI

Multiple Choice Questions

	Choose the correct option for following questions. All the Questions carry equal marks
1.	_____ is the process of collecting, analyzing and reporting aggregate data about which pages a website visitor visits and in what order.
Option A:	Clickstream Analytics
Option B:	Processing Data
Option C:	Google Analytics
Option D:	Collecting Data
2.	Clickstream analysis can help us determine which of the following?
Option A:	User passwords
Option B:	Which pages users stay on longer
Option C:	Competitor sales data
Option D:	Click-through rates
3.	What is RDF triple known as?
Option A:	RFD Statement.
Option B:	RDF Subject.
Option C:	RDF Statement
Option D:	RDF Suggestion
4.	Which of the following is the correct syntax for writing expression in AngularJS?
Option A:	(5+5)
Option B:	{{5+5}}
Option C:	[5+5]
Option D:	((5+5))
5.	Function is used to build a URL to the specific function dynamically.
Option A:	add_url_rule()
Option B:	url_get()
Option C:	url_for()

6.	WSGI stands for
Option A:	Web Server Gateway Interface
Option B:	Wide Server Gate Interface
Option C:	Wide Server Gateway Interface
Option D:	Web Several Gateway Interface
7.	Which command is used For installation of Virtual Environment in flask?
Option A:	\$ pip install virtual
Option B:	\$ pip install flask
Option C:	\$ pip install virtualenv
Option D:	\$ pip install virtual environment
8.	The _____ decorator in flask is used to bind URL to a function
Option A:	read()
Option B:	rend()
Option C:	rout()
Option D:	write()
9.	Which command is used in the terminal window to install TyeScript?
Option A:	node install -g typescript
Option B:	npm install -g typescript
Option C:	npm install -g ts
Option D:	node install -g ts
10.	<p>what will be the output of following code snippet?</p> <pre> Let arr = [10,20,30,40]; for (var val of arr) { console.log(val); } </pre>
Option A:	Prints 10,20,30,40
Option B:	Prints 0,1,2,3
Option C:	Prints undefined
Option D:	Compile error
11.	Which of the following is the valid arrow function?
Option A:	let sum = (x:number ,y:number) => x+y;
Option B:	let sum() : x:number ,y:number) : number => x+y
Option C:	let sum = (x:number ,y:number) => return x+y;
Option D:	let sum (x:number ,y:number) => x+y;
12.	which of the following directive is used to attach the application data to the HTML view in AngularJS?

Option A:	ng-app directive
Option B:	ng-model directive
Option C:	ng-init directive
Option D:	ng-bind directive
13.	q-4 What will be the output of the following code? <pre><div ng-app="" ng-init="" points=[1,15,19,20,40] <p> The output is {{points[2]}}</p></pre>
Option A:	The output is 1
Option B:	The output is 2
Option C:	The output is 19
Option D:	The output is 20
14.	Which of the following syntax is used to create a module in AngularJS?
Option A:	var myModule= angular.module();
Option B:	var myModule= new Module();
Option C:	module("app", []);
Option D:	None of the above
15.	The namespaces of xmlns:owl="http://www.w3.org/2002/07/owl#" is defined by
Option A:	rdf:owl element
Option B:	owl:rdf element
Option C:	owl:owl element
Option D:	rdf:rdf element
16.	_____ is the number of repeated visits on the website
Option A:	Length of visit
Option B:	depth of visit
Option C:	Recency
Option D:	Conversion rate
17.	Which of the following are the benefits of using the Flask framework?
Option A:	It has an inbuilt development server
Option B:	It has vast third-party extensions
Option C:	It is WSGI compliant
Option D:	All of the above
18.	The namespaces of xmlns:owl="http://www.w3.org/2002/07/owl#" is defined by
Option A:	rdf:owl element
Option B:	owl:rdf element
Option C:	owl:owl element
Option D:	rdf:rdf element

19.	Which of the following keyword is used to declare a module?
Option A:	Namespace
Option B:	Type
Option C:	Declare
Option D:	Export
20.	Which of the following is not feature of web 3.0?
Option A:	Semantic web
Option B:	2D graphics
Option C:	Ubiquity
Option D:	Artificial intelligence

Descriptive Questions

10 marks each
1. Define collection with respect to MongoDB and give an example for the same.
2. Write code in node.js to create a database in MongoDB.
3. Briefly describe functional API end point testing.
4. Describe a flask request object in detail.
5. With the help of diagrams differentiate between synchronous and asynchronous model.
6. Identify various characteristics of RIA and explain in detail.
7. Identify and State the Advantages and Disadvantages of Drupal.
8. Write code to perform form validation using AngularJS.
9. Differentiate between Web 1.0, Web 2.0 and Web 3.0.
10. Write Typescript code to demonstrate multilevel inheritance.
11. Explain Flask HTTP methods?
12. Write Typescript code to demonstrate multilevel inheritance.
13. Explain URL building in Python Flask with example.
14. Explain CRUD operations with examples in MONOGODB.
15. What is a CMS? Explain Drupal's architecture.

5 marks each
1. What is flask? Explain Features of python flask?
2. What is AJAX? Explain Working of AJAX in detail.
3. Explain Django's MVT with a diagram
4 Differentiate between Flask and Django frameworks.
5. State the Advantages and Disadvantages of Drupal.

6 List applications of Mongoose.
7 Define CRUD operations
8 Differentiate between MongoDB and RD
9. Give overview of REST API
10 Write any 4 Built-in Roles in MongoDB
11. What are the disadvantages of MongoDB?
12. <i>What are the characteristics of Semantic Web</i>
13 Explain Ontology in detail
14. What are the application of AJAX in Blogs
15. Write any 4 User defined roles in MongoDB