Time: 2 hour 30 minutes   Max. Marks: 80

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Q1.	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks
1.	Which command is used to create react app?
Option A:	npm install -g create-react-app
Option B:	npm install create-react-app
Option C:	npm install -f create-react-app
Option D:	install -g create-react-app
2.	What is the correct syntax of web address?
Option A:	path://prefix.port:domain/filename/scheme
Option B:	scheme://prefix.domain:port/path/filename
Option C:	prefix://scheme.port:domain/filename/path
Option D:	port://domain.filenmae:path/scheme/prefix
3.	Everything in React is a _____.
Option A:	Module
Option B:	Component
Option C:	Package
Option D:	Class
4.	In ES6, the variables are declared by using_____.
Option A:	let
Option B:	public
Option C:	get
Option D:	constant
5.	Which of the following is not a valid HTTP methods used in RESTful web services?
Option A:	OPTIONS
Option B:	DELETE
Option C:	DATE
Option D:	POST
6.	Which of the following is the correct data flow sequence of flux concept?
Option A:	Dispatcher->Action->Store->View
Option B:	Action->Dispatcher->View->Store
Option C:	Action->Dispatcher->Store->View
Option D:	Action->Store->Dispatcher->View
7.	The first line of HTTP request message is called _____.
Option A:	Request line
Option B:	Header line
Option C:	Status line

Option D:	Entity line
8.	How can we create instance of http module?
Option A:	var http = require("http");
Option B:	var http = new require("http");
Option C:	var http = new http();
Option D:	var http = new https();
9.	How do you write an inline style specifying the font-size:12px and color:red; in JSX.
Option A:	style={{font-size:12,color:'red'}}
Option B:	style={{fontSize:'12px',color:'red'}}
Option C:	style={fontSize:'12px',color:'red'}
Option D:	style={fontSize:'12px',color:'red'}
10.	Command to start Node REPL
Option A:	$ node start
Option B:	$ node
Option C:	$ node repl
Option D:	$ node console

Q2	Solve any Four out of Six	5 marks each
A	Explain Promises in ES6.	
B	Compare MVC and Flux.	
C	Explain XML Schema in detail.	
D	Explain routing in ExpressJs.	
E	What is React JSX?	
F	Explain features of NodeJs.	

Q3	Solve any Four out of Six	5 marks each
A	Explain React component life cycle.	
B	Write a short note on REST API.	
C	Explain Redux architecture in detail.	
D	Differentiate between ES5 and ES6.	
E	Explain Event Loop in NodeJs.	
F	What are Refs? When to use Refs and when not to use Refs?	

Q4	Solve any Four out of Six	5 marks each
A	Explain Arrow function in ES6.	
B	Write a note on ExpressJs.	
C	What are Buffers and Streams in NodeJs?	
D	What are events in JavaScript? Explain different types of events.	
E	Explain DNS.	
F	Differentiate between HTML and XML.	