

EXAMINATION QUESTION PAPER

PG-DAC March 2022

EXAM Type : Main / Re-Exam

Module Name : WPT

SET: --

DATE: 10 – 07 – 2022

Duration: 2 hours

Max. Marks: 40 Marks

INSTRUCTIONS:

1. Enable the camera when asked for and share your screen as well – WHEN ASKED for it during the exam.
<https://us02web.zoom.us/join/join?secret=8LAGTaj>
2. Create a folder with your PRN number and *save all the LAB EXAM work inside of that folder.*
3. In the end of the exam close all the applications and then ZIP the folder to be uploaded. *Zip the entire project except node_modules folder*
4. Upload in the below link : <https://forms.gle/U64b8pa2U44j2kYd8>

1. Write a restful API using Node & Express to save Book details

[12 Marks]

- API will receive book name, author and price in the POST request
- API will generate Id(#) for each new request starting from 1 and create Book object having attributes (Id,Name,Author,Price) and save it to the in memory array.
- API will return newly added Book object in response

2. Write a single page application (SPA) using React JS which will use the restful API created in Step 1 above.

[28 Marks]

- a. React application will show a form for user to enter book name, author and price. There will be a button ADD which on click will send the details to restful service.
- b. Response from the restful service will be shown in the same page below the form as shown below

Name Author Price

ID	NAME	AUTHOR	PRICE
1	Head First Java	Kathry Seira	1200
2	Java For Dummies	Barry Burd	529

- c. Look and feel of the UI may be different from the mockup.
- d. State can be managed using react state or redux.

***** ALL THE BEST! *****