SD540 midterm exam policies

- The exam starts at 10:00 AM to 12:00 PM sharp. No time extension.
- Students must leave bags, phones, and smartwatches at the doors before they come in. If a phone is found near you, even if it was turned off, you will be asked to leave the exam room immediately. The same applies to Smartwatches and other electronic devices.
- Wait for the Proctor to assign your seat.
- Extra papers or scratch papers are not allowed, and they will not be provided. Answers should be written on the same provided exam papers.
- Exam papers should always remain stapled. Attempting to remove the staples will invalidate the exam and you will be asked to leave the exam.
- You are not allowed to bring cheat sheets.
- Please get ready and use the washroom before the exam starts. Limit your drink intake before the exam. You are not allowed to leave the exam room for toilet visits.
- In case of any violation, the proctor has the authority to collect your exam papers and ask you to leave the exam room immediately. No second chance and no warning will be given.
- Short answer questions are provided with limited space. The shorter the answer the better.
- If you choose to use a pencil, bring your sharpener and eraser, no stationary borrowing is allowed.
- To qualify for a full grade, answers must be written in clear handwriting and clear English language.

Preparation guidelines

The exam consists of 3 sections:
- 10 true-false and multiple-choice questions (10 points)
- 15 short answer questions (15 points)
- 2 programming questions (10 points)

Please note that the short answer questions must be answered within the provided space, long answers will be ignored.

You don't need to memorize any code API, you will be provided with Node Core Modules API signatures and return types. The same applies to any third-party module.

Exam objectives and key concepts:

- Node process and threads system
- Node event loop and how queues work
- Node global objects
- Node package manager
- Node descriptor files (package.json and package-lock.json)
- Understand how asynchronous code works
- Understand what blocks the event loop and how to avoid it

Please remember to review the homework. Good luck.