

Process Engineering Section

2ND Semester English Replacement Exam

Answer the following questions.

01-What is gasoline?(5pts)

02-What is the octane number?(5pts)

03-What is the compression ratio?(5pts)

04-What are the results of low compression ratio? (5pts)

WJSH YOU ALL THE BEST

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2ND Semester English Replacement Exam Correction

- 01- Gasoline is a complex mixture of 500 hydrocarbons ,it is primary composed of Isooctane, it is produced by fractional distillation of crude oil.
- 02- The octane number is the measure of gasoline resistance to knock.
- 03- Compression ratio is the relative volume of a cylinder from the bottom position of the piston's stroke to the top position of the piston's stroke.
- 04- The low compression results are:
 - Audible knock.
 - Loss in power.
 - Possible engine damage.

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