05-Grit removal means:

a -Sand.

2ND Year Technology Department

Process Engineering Section

2ND Semester English Exam

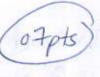
Part O	ne: Choose the right answers from the	following OF ots
	e Octane number means:	STP
V1-1 11	e Octane number means.	
	a - Resistance to explosion.	minute and in the same of the
	b- Resistance to burning.	
	e-Resistance to knock.	
02-Gas	oline contains:	
	a - 2 to 12 carbons. X	
	b -5 to 11 carbons.X	
	c -2 to11 carbons.	No.
03-Gre	ase and fat are removed in:	
	ta -Pretreatment.	
	b-Secondary treatment.	
	c -Tertiary treatment.	
04-The	result of low compression ratio is:	Company of
	la -Audible knock.	Samuel & Land Street
	b -Loss in power.	
	c -Possible engine damage.	

b -Sludge. c -Sticks. 06-Natural gas is composed primary of a -Ethane. b -Methane. c -Propane. 07-Sewage treatment goes through: a -One stage. b -Two stages. c -Three stages. 08-Pure gas means: a -Clean gas. b -Raw gas. le -Crude gas. 09-Carbon-14 is used to: a -Precise time of death. b -Change colors. c -Precise age. 10-Methane molecule is made up of: a -2 carbon atoms and 4 hydrogen atoms.X b -1 hydrogen atom and 4 carbon atoms.X c -2 carbon atoms and 2 hydrogen atoms. 11-Fixed films are more effective than:

- a -Suspended growth.
- b -Screening.
- c -Activated sludge.
- 12-What are the different forms of carbon?
 - a -Fullerenes.
 - b -Diamond
 - c -Graphite.
- 13-Activated sludge removes:
 - a -Grease.
 - b -Grit.
 - c -Organic materials.
- 14-How do we process sludge?
 - a -Throw it.
 - b -Dry it.
 - c It is skimmed

Part two: Are these statements True or False?

- 01-Gasoline is a simple unique liquid.
- 02-Isooctane is a straight chain compound.
- 03-Low compression result is burning.
- 04-The chemical symbol of carbon is CH.
- 05-Ethyl benzene is an aromatic compound.
- 06-Sewage comes only from homes and factories.
- 07-Carbon atomic mass equals 6.



08-The removed grease is used in soap manufacture.

09-High compression ratio result is heat generation.

10-In reality Alkenes and Alkynes are not contained in gasoline.

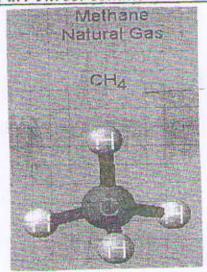
11-Xe, Ne and A are rare gases.

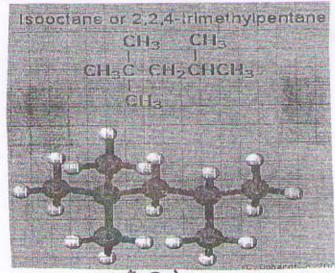
12-One carbon atom can form 4 covalent bonds.

13-Carbon is non metallic.

14-Gasoline hydrocarbons have different chain length.

Part Three: comment on the pictures A and B.





1	7	
	7/	

A.I.s. a picture of a chemical compound which
is Methane, it is made up of as carbon atom and
Walmal Eps.
B. I. Sometage: it is a branded compound it is the
Princip compound of satoline

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WISH YOU ALL THE BEST

AOUJCHE.S