

[Petroleum Refining Engineering Objective Questions & Answers Pdf](#)

Question: 1

Liquefied Petroleum Gas (LPG) is mainly a mixture of

- (A) high boiling naphthenes
- (B) high boiling olefins
- (C) methane and ethane
- (D) propane and butane

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Ans: D

propane and butane

Question: 2

Which of the following categories of gasoline has the highest lead susceptibility?

- (A) catalytic cracked gasoline
- (B) polymer gasoline
- (C) straight run gasoline
- (D) platinum reformed gasoline

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Ans: B

polymer gasoline

Question: 3

The main aim of cracking is to produce

- (A) coke

(B) petrolatum

(C) lube oil

(D) gasoline

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Ans: D

gasoline

Question: 4

In catalytic cracking, the

(A) gasoline obtained has very high amount of gum forming compounds

(B) gasoline obtained has very high aromatic content

(C) pressure and temperature is very high

(D) gasoline obtained has a very low octane number

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Ans: B

gasoline obtained has very high aromatic content

Question: 5

Which of the following contains maximum sulphur?

(A) fuel oil

(B) kerosene

(C) petrol

(D) diesel

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Ans: A

fuel oil

Question: 6

Maximum use of petroleum coke is in

(A) carbon electrode manufacture

(B) iron ore reduction

(C) fuel gas manufacture

(D) adsorption refining operation

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Ans: A

carbon electrode manufacture

Question: 7

Catalyst used in the isomerisation is

(A) phosphoric acid

(B) nickel

(C) alumina

(D) aluminium chloride

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Ans: D

aluminium chloride

Question: 8

The main reaction in reforming is the

(A) saturation of olefins

- (B) hydrocracking of paraffins
- (C) hydrogenation of naphthenes
- (D) dehydrogenation of naphthenes

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Ans: D

dehydrogenation of naphthenes

Question: 9

Cyclohexane is made by catalyst hydrogenation of

- (A) acetylene
- (B) ethylene
- (C) phenol
- (D) benzene

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Ans: D

benzene

Question: 10

The average boiling point of aviation turbine fuel is closest to that of

- (A) LPG
- (B) kerosene
- (C) lubricating oil
- (D) diesel

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Ans: B

kerosene

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