않는 그 집에 하는 것이 없어요? 아니는 것은 그리고 그렇게 되었다고 살아보니 해는 때문에 모양하는 것이 되었다.	
(a) Limeanda process	
사용 이 아이들은 경우에 어려워 가는 얼마를 하면 해 있다. 생활을 하게 하는 것이 되는 것이 되었다면 하다 바다를 하였다.	
(c) Ion exchange process (d) All the above	
3. LPG contains	
(a) Ca and Ca hydrocarbon	
(b) C1 and C2 hydrocarbon	
(c) C2 and C3 hydrocarbon	
(d) All the above	
4. Reforming is the process used to	
(h) Decrease	
(a) Increase (a) Name of the abo	ve
(c) 140 changs	
and used for furniture.	
(a) Oil (b) Sprit	
(c) Actylic	
<ol><li>A fuel cell is used to convert chemical energy</li></ol>	gy to
(a) Mechanical energy (b) Solar energy	
(c) Electrical energy (d) Potential energy	y
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PART B — $(5 \times 5 = 25 \text{ marks})$	
Answer ALL questions, choosing either (a) or (b)	
Each answer should not exceed 250 words.	b).
	b).
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11. (a) What do you mean by demineralisat water? Explain the process.	
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	(c) Ion exchange process (d) All the above  3. LPG contains (a) C <sub>4</sub> and C <sub>4</sub> hydrocarbon (b) C <sub>1</sub> and C <sub>2</sub> hydrocarbon (c) C <sub>2</sub> and C <sub>3</sub> hydrocarbon (d) All the above  4. Reforming is the process used to octane number of petrol. (a) Increase (b) Decrease (c) No change (d) None of the abo  5 varnish is called French variand used for furniture. (a) Oil (b) Sprit (c) Acrylic (d) Water  6. A fuel cell is used to convert chemical energy (a) Mechanical energy (b) Solar energy (c) Electrical energy (d) Potential energy

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## PART C - (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

 (a) Describe softening of water by Lame-Soda method.

Or

- (b) Explain the functioning of permutit softener.
- 17. (a) Write a note on the following :
  - (i) Natural gas
  - (ii) Compressed gas.

Or

- (b) Write the applications of (i) Butadiene(ii) Propylene oxide.
- 18. (a) What are the requirements for a material to be a good electrical insulating material?

Or

(b) Write a note on Lead Acid battery.

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 (a) Write a note on Cathodic and Anodic protestion

13:

- (b) Write a note on the full-wing
  - (i) Polishing
  - (n) Galvanizing
- 20. (a) Give the proparation and uses of the following
  - (i) Shoe polish
  - (ii) Fountain pen ink.

130

- (h) Weite a note on :
  - (i) Silicone carbide crucibles
  - (ii) Agasbathia

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