



# CHEMISTRY

## BOOKS - ARIHANT PUBLICATION

### JHARKHAND

#### FUELS

**Exam Booster For Cracking Exam**

1. The gas used in burner in laboratory is

A. producer gas

B. oil gas

C. coal gas

D. gobar gas

**Answer: B**



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**2. The constituents of coal gas are**

A. methane ,ethane and hydrogen

B. ethane carbon monoxide and hydrogen

C. methane ,ethane and carbon monoxide

D. methane ,carbon monoxide and  
hydrogen

**Answer: D**



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**3. Which form of energy is released from fuel ?**

A. Sound

B. Heat

C. Light

D. (b) and (c )

**Answer: D**



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**4. Respiration is an example of**

A. slow combustion

B. rapid combustion

C. spontaneous combustion

D. None of these

**Answer: A**



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5.  $C_4H_{10}$  (hydrocarbon) is the main constituent of

A. LPG

B. natural gas

C. petroleum

D. coal gas

**Answer: A**



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**6. Producer gas in the mixture of**

A. air and water

B.  $CO$ ,  $H_2$  and  $N_2$

C.  $CO$  and  $N_2$

D.  $CO$  and  $H_2$

**Answer: C**



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7. The most hottest part of flame is

- A. blue zone
- B. Innermost zone
- C. middle zone
- D. None of these

**Answer: A**



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**8. Which of the following is the main source of energy in living ?**

A. Fat

B. Protein

C. Carbohydrate

D. Vitamin



**Answer: C**



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**9. Fossil fuel is the mixture of**

- A. coal and wood
- B. coal and petroleum
- C. coal tar and charcoal
- D. LPG and coke

**Answer: B**



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10. Liquid propellant is a

A.  $H_2O$

B. petrol

C. hydrazine

D. All of these

**Answer: C**



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11. Which one of the following has the highest calorific value ?

A.  $CH_4$

B. LPG

C. Coal gas

D.  $H_2$

**Answer: D**



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12. The strong smelling substance added to LPG is

A. ethyl mercaptan

B. ethanol

C. ethanal

D. ethyl butane

**Answer: A**



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13. Asphalt is used for /as

A. aviation fuel

B. making road surface

C. running water pumps

D. dry cleaning of clothes

**Answer: B**



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14. Which of the following is a combustible substance ?

A. Cement

B. Glass

C. Stone

D. Cow -dung cake

**Answer: D**



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15. Although hydrogen has high calorific value ,it can not be used as fuel ,because

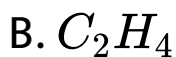
- A. It is explosive
- B. It gives more smoke
- C. It is a gas
- D. It is very costly

**Answer: A**



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16. The poisonous gas that comes out with petrol burning in a car is



**Answer: D**



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17. In a flame ,which part of flame is called the luminous zone ?

A. Outer zone

B. Inner zone

C. middle zone

D. Top of the flame

**Answer: C**



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**18.** Which of the following has highest calorific value ?

A. Kerosene

B. Biogas

C. Butane

D. Ethanol

**Answer: C**



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19. An example of secondary fuel is

A. natural gas

B. coal

C. coke

D. petroleum

**Answer: C**



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20. LPG is mixture

A. Methane and ethane

B. Methane and hydrogen

C. Butane and isobutane

D. Ethane and ethylene

**Answer: C**



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