

Duration: 60 Mins

Total Marks: 25

Q.ID: ITISKILL5184CJ

1. Which Material is used in Manufacture gas cylinder ?

- A) Stainless steel B) Forged steel
C) Nickel steel D) Solid Drawn steel

Answer: D) Solid Drawn steel

2. What are the impurities contained in generated acetylene gas?

- A) Hydrogen, dust particles, ash B) Oxygen, hydrogen and carbon
C) Hydrogen, lime dust, ammonia and water D) Carbon monoxide unburnt ash

Answer: C) Hydrogen, lime dust, ammonia and water

3. Which nozzle size is selected to cut 15 mm thick MS plate?

- A) 0.8 mm B) 2.0 mm
C) 1.2 mm D) 1.6 mm

Answer: C) 1.2 mm

4. What is the special method for safe storage of acetylene gas in cylinder?

- A) Stored in semi-liquid form B) Stored in the solid form
C) Stored in gaseous form D) Stored as dissolved gas in liquid acetone

Answer: D) Stored as dissolved gas in liquid acetone

5. How much gap is maintained between the grinding wheel and the work rest on a pedestal grinder?

- A) 2 to 3 mm B) 3 to 4 mm
C) 4 to 5 mm D) 1 to 2 mm

Answer: A) 2 to 3 mm

6. Which safety device is fitted to avoid explosion of acetylene generator due to high pressure?

- A) Baffle plate B) Cylinder valve
C) Acetylene generator outlet pipe D) Hydraulic back pressure valve

Answer: D) Hydraulic back pressure valve

7. Which of the following injury is common in gas welding?

- A) Injury by hot flying particles B) Bleeding due to cut injury
C) Electric shock D) Burns due to flame

Answer: D) Burns due to flame

8. Which cutting tool is used to remove excess material on flat surface?

- A) Diamond point chisel B) Flat chisel
C) Cross - Cut chisel D) Half - Round nose chisel

Answer: B) Flat chisel

9. What treatment you should give to a person who suffered from electric shock?

- A) Keep warm and comfortable B) Given an alcoholic drink
C) Made to walk D) Given a cold drink

Answer: A) Keep warm and comfortable

10. Which tool is used to open the cylinder valves?

- A) Spindle key B) Cutting player
C) Wrench D) Adjustable spanner

Answer: A) Spindle key

11. Which cut of files has two rows of teeth, cut diagonally to each other?

- A) Single cut B) Curved cut
C) Double cut D) Rasp cut

Answer: C) Double cut

12. What is done to avoid injury to fingers after hacksawing or chiselling a metal piece?

- A) De buring B) Filing
C) Grinding D) Cleaning

Answer: A) De buring

13. Which tool is to be used to remove slag on welded bead?

- A) Chipping hammer B) Try square
C) Chisel D) Ball pane hammer

Answer: A) Chipping hammer

14. What precaution you will follow in gas welding to avoid fire accidents?

- A) Keep away the inflammable materials B) Alert to go away
C) Keep sand buckets near D) Keep fire extinguishers

Answer: A) Keep away the inflammable materials

15. Which type of blade set is available in a hacksaw blade with 1.00mm pitch?

- A) Staggered set B) Regular set
C) Wave set D) Wave - staggered set

Answer: D) Wave - staggered set

16. Which is the hottest point in a oxyacetylene flame?

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|----------------------------------|----------------------------------|
| A) 2000 - 2200 Degree Centigrade | B) 2700 - 3000 Degree Centigrade |
| C) 2500 - 2700 Degree Centigrade | D) 3000 - 3200 Degree Centigrade |

Answer: D) 3000 - 3200 Degree Centigrade

17. Which injury is to be covered immediately by clean cloth on affected portion of the body?

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|-----------------|------------------|
| A) Crush injury | B) Broken injury |
| C) Burn injury | D) Cut injury |

Answer: C) Burn injury

18. What is the method to produce a straight bevelled cut?

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|---|--|
| A) Using two straight bars clamped as a guide | B) Supporting the nozzle head on the plate |
| C) Cutting on the marked line | D) Bending the torch at inclined angle |

Answer: A) Using two straight bars clamped as a guide

19. Which part of the hammer fits into the handle for it's rigidity?

- | | |
|---------|----------|
| A) Pein | B) Cheek |
| C) Face | D) Wedge |

Answer: D) Wedge

20. Which file is having its width parallel throughout its length?

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|----------------|--------------|
| A) Curved file | B) Flat file |
| C) Hand file | D) Rasp file |

Answer: C) Hand file

21. Which material is used to check the leakage of acetylene regulator connections?

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|-------------------|----------------|
| A) Salt water | B) Plain water |
| C) Chemical water | D) Soap water |

Answer: D) Soap water

22. What is the use of oxidising flame?

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| A) Suitable for brass welding | B) Suitable for stellite, pipe welding |
| C) Suitable for mild steel welding | D) Suitable for cast iron welding |

Answer: A) Suitable for brass welding

23. Which is to wear for safety while handling thin sheets?

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|----------------|----------------|
| A) Clamp | B) Tongs |
| C) Hand screen | D) Hand gloves |

Answer: D) Hand gloves

24. Which is the method to control back fire while welding?

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|---|----------------------------------|
| A) First close the acetylene cylinder valve | B) Close oxygen control valve |
| C) First close the oxygen cylinder valve | D) Close acetylene control valve |

Answer: B) Close oxygen control valve

25. Which hand tool is used to remove excessive adhering slag after gas cutting?

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|---------------------|--------------------|
| A) Cross cut hammer | B) Chisel |
| C) Flat file | D) Chipping hammer |

Answer: B) Chisel