

Monthly test

GOVT I T I HONNAVAR

Q. ID: ITISKILL3586YT

February 2026

Answer Key

Duration: 30 Mins

Total Marks: 25

Q.ID: ITISKILL3586YT

1. What is the solution if burn back occurs due to irregular wire feeding in GMAW process?

- A) Cut out kink wire
- B) Replace of spool
- C) Cut the kink wire and replace spool
- D) Adjusted to kinked wire again

Answer: C) Cut the kink wire and replace spool

2. Why the welder's cloth should be free from oil, grease etc, while welding?

- A) To protect the job
- B) To avoid catching fire
- C) To deflect the arc rays
- D) To safe guard your inner cloth

Answer: B) To avoid catching fire

3. Which type of welding under FCAW, is more suitable for welding all types of steel?

- A) Only use gas shielding flux
- B) Only use gas shielding flux
- C) Only use flux cored electrode
- D) Flux is external and also gas also external

Answer: A) Only use gas shielding flux

4. Why carbon and manganese are added to plain thermit mixture on rail welding?

- A) To get hardness
- B) To get smooth finishing
- C) To get good fusion
- D) To get fine welding

Answer: A) To get hardness

5. What defects occurs to a weld joint, if it is provided with insufficient heat input?

- A) Lack of penetration
- B) Uneven bead deposit
- C) Lack of metal deposit
- D) Lack of fusion

Answer: A) Lack of penetration

6. Which is the weld position of GMA welding if the weld is deposited underside of the job?

- A) Horizontal position
- B) Vertical position
- C) Down head position
- D) Over head position

Answer: D) Over head position

7. Which type of electrode provides protective slag in flux cored arc welding?

- A) Additional cored flux electrode
- B) External cored electrode
- C) Shielding gas type only
- D) Tubular cored flux electrode

Answer: D) Tubular cored flux electrode

8. Why the argon and CO₂ mixing gas used in FCAW?

- A) Smooth dip transfer
- B) Smooth globular transfer
- C) Smooth spray transfer of melt
- D) Smooth pulsed transfer

Answer: C) Smooth spray transfer of melt

9. How the welder observes welding area of the joint in electron beam welding?

- A) Safe optical mirror
- B) Safe optical viewing system containing optical mirror
- C) Safe optical helmet
- D) Safe optical hand screen having correct shade

Answer: B) Safe optical viewing system containing optical mirror

10. What is the name of the welding defect, with weld metal contracting during welding process?

- A) Excessive penetration
- B) Lack of penetration
- C) Distortion
- D) Porosity

Answer: C) Distortion

11. What is the operation to clean the cylinder valve before fixing the regulator to the argon cylinder?

- A) Closing
- B) Shutting
- C) Cracking
- D) Opening

Answer: C) Cracking

12. What type of test is used for vessels, tanks and pipe containing pressure?

- A) Leak or pressure test
- B) Visual inspection
- C) Magnetic particles test
- D) Stethoscopic test

Answer: A) Leak or pressure test

13. Which metal is welded with self shielded type FCAW?

- A) Carbon steel
- B) Low alloy steel
- C) Stainless steel
- D) Different metal and different position

Answer: A) Carbon steel

14. What type of hand tool is used to open a gas cylinder in welding practice?

- A) X key
- B) Spindle key
- C) Allen key
- D) DE spanner

Answer: B) Spindle key

15. What is the main purpose of 'Normalising' steel?
- A) To control hardness B) To prevent cracking
C) To make welding operation easier D) To produce fine grain of uniform structure

Answer: D) To produce fine grain of uniform structure

16. What is basic safety environmental condition for the welding area?

- A) Well ventilated B) No congestion
C) Dust free D) Clean area

Answer: A) Well ventilated

17. What is the defect in a weld joint, in which the weld metal melting through base metal resulting in holes?

- A) Excessive penetration B) Distortion
C) Burn through D) Lack of penetration

Answer: C) Burn through

18. What is the type of weld position in which the weld metal is deposited under side of the joint?

- A) Down hand position B) Vertical position
C) Horizontal position D) Overhead position

Answer: D) Overhead position

19. Which welding process granulated flux is fed through hopper to the welding spot?

- A) GTAW B) GMAW
C) SMAW D) SAW

Answer: D) SAW

20. What is the ability of metal to cut another metal?

- A) Creep B) Hardness

- C) Strength D) Fatigue

Answer: B) Hardness

21. Which shielding gas is used in MIG welding?

- A) Argon + 10% hydrogen B) Argon
C) Argon + 1% oxygen D) Argon + 20% CO₂

Answer: B) Argon

22. What type of weld is used on prepared holes of overlap joints?

- A) Backing weld B) Tack weld
C) Fillet weld D) Plug or slot weld

Answer: D) Plug or slot weld

23. Which welding method starting of welding done by using steel wool or iron powder?

- A) MMAW B) GMAW
C) GTAW D) SAW

Answer: D) SAW

24. What type of joints are made by the groove welds in GMA welding?

- A) Corner weld B) Butt weld
C) Lap weld D) T weld

Answer: B) Butt weld

25. What is the range of electrode for MAG / CO₂ welding?

- A) 0.8 to 1.6 mm B) 0.5 to 0.7 mm
C) 0.6 to 0.9 mm D) 0.7 to 1.3 mm

Answer: A) 0.8 to 1.6 mm