

Duration: 30 Mins

Total Marks: 19

ID: ITISKILL2625CB

Student Name: _____ Roll No: _____

1. Which stage the root gap is set in welding process?

- A) During welding stage B) Before welding stage
C) After welding stage D) Finishing welding stage

2. What activities contribute to the fabrication cost?

- A) Welding, finishing, transportation B) Finishing, transportation, marketing
C) Raw metal, welding, finishing D) Preparation, welding, finishing

3. Where do we cut 2.0 mm depth by hand saw to conduct Nick-break test?

- A) Cut to base metal B) Don't cut to metal
C) Cut to weld metal and base metal D) Cut along centre line of weld

4. What is the cost, involving office expenses, lighting, rent etc but not directly related to the job?

- A) Over head cost B) Labour cost
C) Finishing cost D) Power cost

5. What are the common welding tests performed in workshop?

- A) Guided bend test B) Tensile test
C) Impact and particle test D) Nick break, freebend, fracture

6. How many types of common non destructive test are there?

- A) 5 types B) 3 types
C) 2 types D) 4 types

7. The welding cost estimation of power cost is $(V \times A/1000) \times (T/60) \times (1/E) \times \text{rate per unit}$ is formula. What is the ?E? identify?

- A) Electrode consumed B) Efficiency of machines
C) Electrode of weld metal D) Efficiency of weld meter

8. What are the costs involved in welding job?

- A) Material and preparation B) Proportion cost and works cost

- C) Material and machining D) Electrode, power, labour

9. What is the test to find the internal defect of a weldment if echo transmitted by sound waves displayed on a calibrated screen of testing unit?

- A) Radiographic test B) Stethoscopic test
C) Ultrasonic test D) Liquid penetrant test

10. What is the NDT method using sound as a source?

- A) Magnetic particle test B) Pressure test
C) Visual inspection D) Stethoscopic test

11. What is the purpose of inspection in welding?

- A) Determine the material B) Determine the electrode fusibility
C) Determine faults and quality weld D) Determine the welded metal

12. What is the test if the weld specimen is placed in between the x-ray unit and film?

- A) Magnetic particle test B) Liquid penetrant test
C) Radiographic test D) Ultra sound test

13. What is the test in which the weld quality is tested without destroying the job?

- A) Visual inspection test B) Non-destructive test
C) Destructive test D) Semi-destructive test

14. Which type of test is generally not used on the final product?

- A) Semidestructive test B) Non-destructive test
C) Non destructive and semidestructive D) Destructive test

15. Which is a non destructive test?

- A) Free bend test B) With damaging and with distraing
C) Without damaging the job D) Nick break test

16. What is the test to find weld defect using sound waves echo displayed on calibrated screen?

- A) Ultrasonic test
- C) Radiographic test

- B) Liquid penetration test
- D) Stethoscopic test

- A) Destructive test
- C) Non-destructive test

- B) Performance test
- D) Non-destructive and destructive

17. How many stages are there in visual inspection in NDT?

- A) Four stages
- C) Five stages
- B) Two stages
- D) Three stages

18. What type of test is visual inspection test?

19. What is the test that gives tensile strength and elongation of test specimen?

- A) Slag inclusion
 - C) Lack fusion
 - B) Slag inclusion
 - D) Strength and ductility
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