

Duration: 30 Mins

Total Marks: 19

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Student Name: _____ Roll No: _____

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

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

C) Welding, finishing, transportation

D) Preparation, welding, finishing

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

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

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

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

3. Which is a non destructive test?

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

10. 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) Efficiency of weld meter B) Electrode of weld metal
C) Electrode consumed D) Efficiency of machines

4. What are the costs involved in welding job?

- A) Proportion cost and works cost B) Material and machining cost
C) Electrode, power, labour D) Material and preparation

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

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

5. 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) Liquid penetrant test
C) Ultrasonic test D) Stethoscopic test

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

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

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

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

13. What type of test is visual inspection test?

- A) Performance test B) Destructive test
C) Non-destructive and destructive D) Non-destructive test

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

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

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

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

8. What activities contribute to the fabrication cost?

- A) Finishing, transportation, marketing B) Raw metal, welding, finishing

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

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

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

- A) Stethoscopic test B) Visual inspection

C) Magnetic particle test D) Pressure test

17. What is the purpose of inspection in welding?

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

18. What are the common welding tests performed in

workshop?

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

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

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