

PHASE II – DESCRIPTIVE TYPE WRITTEN TEST

ASSISTANT ENGINEER (WELDING)

(Answer all questions. Total 6*5 = 30 marks)

1. What are the various steps to be followed in carrying out following jobs?
 - (a) Welding in confined spaces

(b) Welding of casting with steel

2. Write short notes on the following:
a) IMS

b) L H Electrode

3. Explain in detail two NDT methods to find out sub surface defects in weld joints.

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4. Explain different butt welding positions with diagrams?

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5. Explain WPS,PQR and WPQ.

6. Name the different shielding gases used in welding for different weld processes and its benefits.

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