

PC 6 welding

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- Q1 Explain (a) Joints (b) Electrode holder
(c) Return clamp

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- Q2 Explain (a) AC welding machine (b) DC welding machine

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- Q3 Sketch the connection of welding process.
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- Q4 Sketch pad weld shaft
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- Q5 Sketch fillet weld joint
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- Q6 What are common weld defects?
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- Q7 Sketch fillet weld single run horizontal
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- Q8 Sketch fillet weld angle to plate
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- Q9 ~~Sketch~~ Sketch corner fillet weld.
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- Q10 Sketch plug & slot weld

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- Q11 Sketch fillet weld steel sheet horizontal.

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- Q12 Sketch fillet weld vertical

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- Q13 Sketch fillet weld - rolled section to plate - vertical.

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- Q14 Explain the weld preparation for butt joints

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- Q15 Write about weld defects
Excess penetration, Incomplete penetration
Inclusion, Porosity, cracking

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- Q16 Sketch butt weld

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- Q17 Sketch butt weld - rolled steel section - flat

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- Q18 Page 19
Sketch gas metal arc process
setting diagram.
Page 55
- Q19 Explain assembling of gas metal arc
welding equipments.
Page 59
- Q20 Sketch Lines of fusion stringer
beads.
Page 62
- Q21 Sketch Buttweld stainless steel
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- Q22 Explain power sources for welding
Page 3
- Q23 Explain electrodes
Page 7
- Q24 Explain filler rods.

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- Q25 Sketch fillet weld - stainless steel
horizontal
Page 19
- Q26 Sketch butt weld aluminium
Page 29
- Q27 Explain oxy acetylene welding heating
cutting
Page 343
- Q28 Write oxy fuel gas cutting process
Page 44
- Q29 Sketch gas metal arc welding process
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- Q30 Explain manual metal arc welding
Process
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- Q31 Sketch braze weld fillet
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- Q32 Sketch braze weld tube flat

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- page 4
- Q33 Explain gas mixture % and characteristics and uses
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- Q34 Explain arc voltage
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- Q35 Explain the process and advantage of Spot welding
- page 54
- Q36 what is manual metal Arc welding (MMAW)
- page 56 (5)
- Q37 Explain (a) oxyacetylene welding (OAW)
(b) Gas tungsten arc welding (GTAW)
(c) Resistance welding

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- page 15
- Q38 Sketch oxyacetylene welding outside corner
- page 16
- Q39 Explain flame cutting with sketch

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- Q40 Explain flame cutting and beveling with sketch

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- Q41 Explain flame gouging principle

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- Q42 Explain flame gouging - flat with sketch

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- Q43 Explain manual metal arc welding process

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- Q44 write Gas metal arc welding process (GMAW) with sketch

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- Q45 sketch Gas metal arc welding fillet weld

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- Q46 Explain cleaning and purging procedures for small containers.