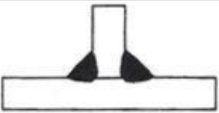


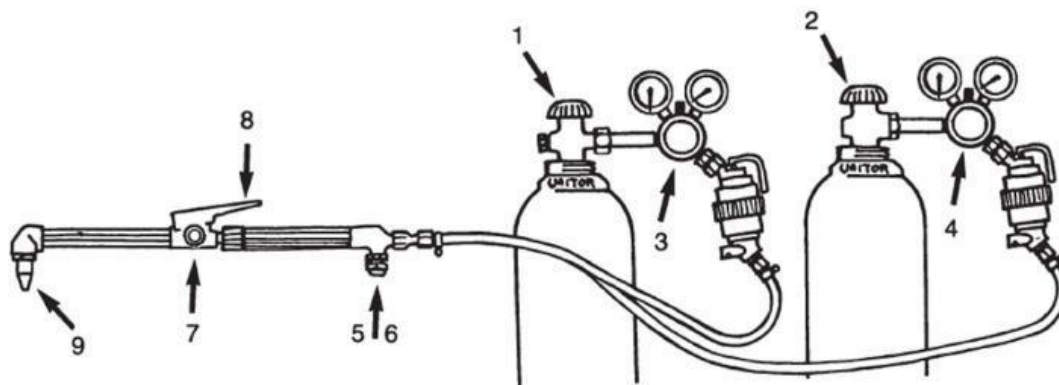
3.2 Choose the correct answer

Type of Weld	Drawing	
3.2.1		(2)
3.2.2		(2)
3.2.3		(2)
3.2.4		(2)

Question 4 (Oxyfuel Gas)

[6]

4.1 Study the following diagram then write down the correct number



4.1.1 Cylinder valves for Oxygen and Acetylene are number ____ & _____. (2)

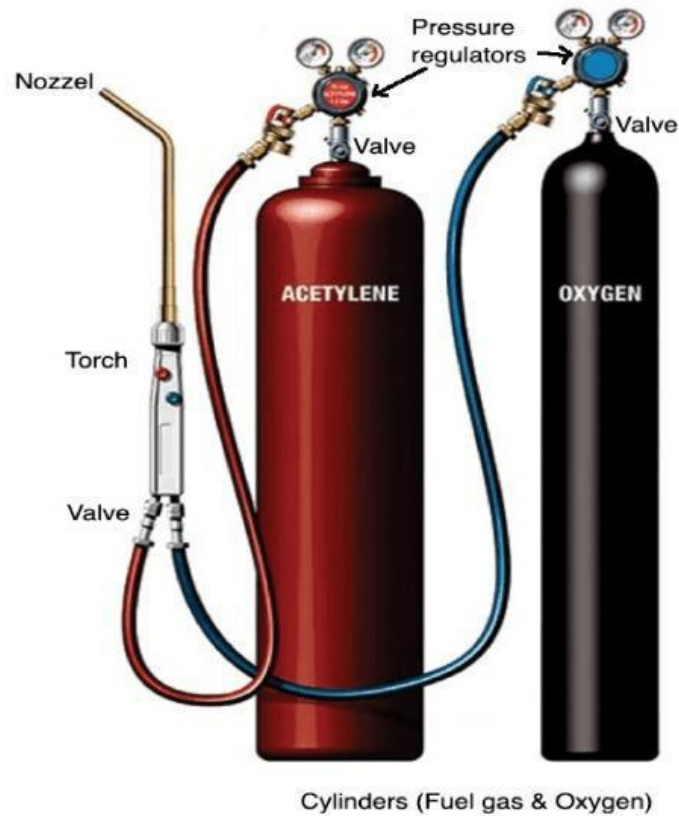
4.1.2 Number ____ & ____ are called Pressure regulators. (2)

4.1.3 Cutting Nozzle is number _____. (1)

4.1.4 When cutting you must open valves 1 & ____ then press number ____ (2)

[7]

4.2 Use the Oxy-Fuel Diagrams to answer the following questions



4.2.1 The gas inside the black cylinder is _____ (1)

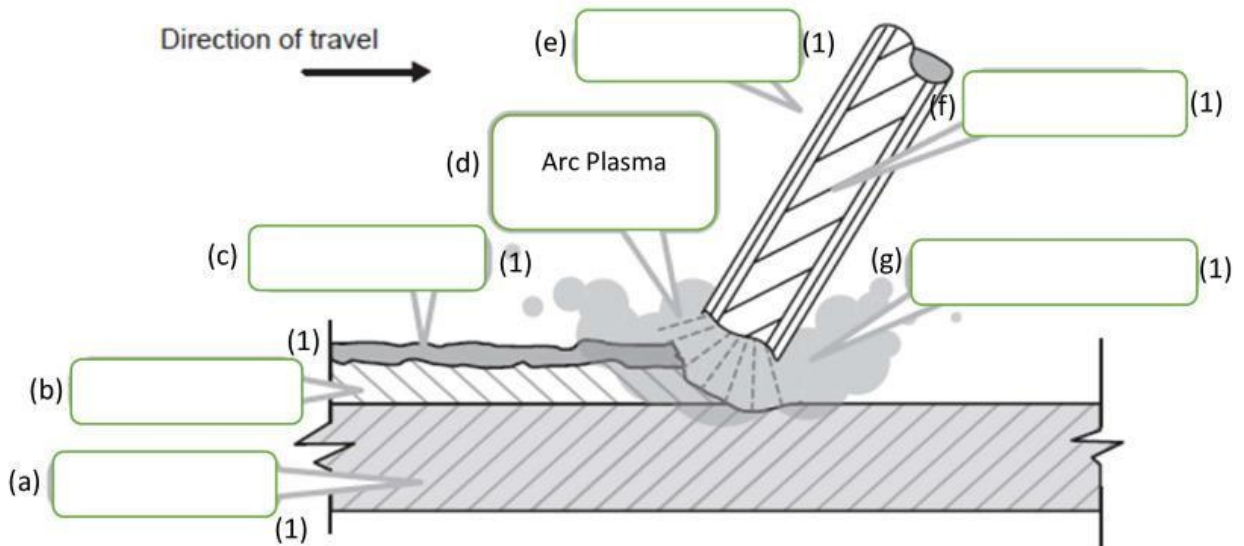
4.2.2 The gas inside the red cylinder is _____ (1)

4.2.3 The equipment above is called _____ (1)

[3]

Question 5 (Arc Welding Process)

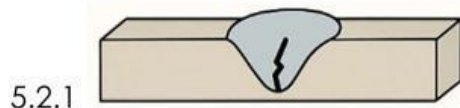
5.1 Label Figure below using answers below



[6]

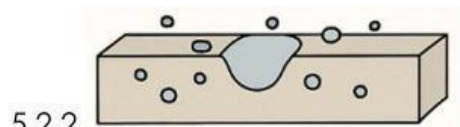
Slag, Arc plasma, Shielding Gas, Base Metal, Electrode Flux, Weld Metal, Electrode

5.2 Choose the correct welding defect by underlining the correct option



(1)

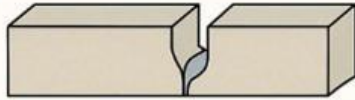
- 5.2.1
- a) Porosity
 - b) Crack
 - c) Spatter
 - d) Lack of fusion



(1)

- 5.2.2
- a) Porosity
 - b) Crack
 - c) Spatter
 - d) Lack of fusion

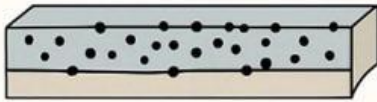
5.2.3



(1)

- a) Porosity
- b) Crack
- c) Spatter
- d) Lack of fusion

5.2.4

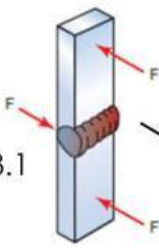
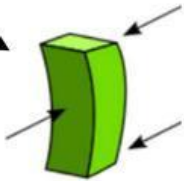
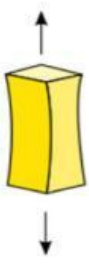
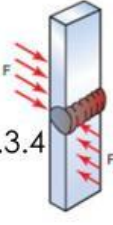
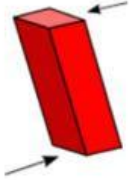


(1)

- a) Porosity
- b) Crack
- c) Spatter
- d) Lack of fusion

[4]

5.3 State if the following match is true or false

5.3.1			_____ (1)
5.3.2			_____ (1)
5.3.3			_____ (1)
5.3.4			_____ (1)
5.3.5			_____ (1)

[5]

***** Grand Total = 50 *****