

Lesson 1 Self-Check Questions

- 1 Components having more details can easily produced by:
 - (a) extrusion
 - (b) hot rolling
 - (c) casting
 - (d) none of them.
- 2 The bottom half of the casting is termed as:
 - (a) bottom
 - (b) cope
 - (c) drag
 - (d) end
- 3 Cores are used to:
 - (a) remove pattern easily
 - (b) increase strength of mould
 - (c) make desired recess in casting
 - (d) uniform distribution of molten metal
- 4 The top half of a casting used in moulding is termed:
 - (a) drag
 - (b) top
 - (c) set
 - (d) cope
- 5 A sprue pin is used in casting to:
 - (a) hold the cast together
 - (b) form the hole for the molten metal
 - (c) make small holes to allow the gas to escape
 - (d) smooth the face of the mould
- 6 The tool used to cut a channel to allow molten metal to enter a casting mould is termed a:
 - (a) channel cutter
 - (b) gate cutter
 - (c) sand cutter
 - (d) ream cutter
- 7 The main aim of gate is:
 - (a) to help in feeding casting materials.
 - (b) to provide storage capacity for molten metal.
 - (c) to feed the casting at a rate consistent with the rate of solidification.
 - (d) none of them.
- 8 Cores are used for:
 - (a) act as the supporting device
 - (b) give strength to the moulding sand.
 - (c) both (a) & (b)
 - (d) making desired recess in casting.

2.8 Possible answers to self check questions

1 c
3 c
5 b
7 c

2 c
4 d
6 b
8 d