

Section - A

Ques 1 Centrifugal Casting :- (i) it is a process in which metal is poured into a mould which is rotated about its center rapidly.
(ii) Due to centrifugal force, a continuous pressure will be acting on the metal during solidification.

(ii) Investment casting :- Investment casting is a manufacturing process in which a wax pattern is coated with a refractory ceramic material. once the ceramic material is hardened its internal geometry takes the shape of the casting.

(iii) Stir casting :- Stir casting is a type of casting process in which a mechanical stirrer is introduced to form vortex to mix reinforcement in the matrix material. it is a suitable process for production of metal matrix composites due to its cost effectiveness.

(iv) Continuous casting :- It consists of pouring the molten metal into the upper end of a long vertical metal mould (open at both ends) and cooling rapidly by water.