

Demonstration version

Direction:
22.04.02 Metallurgy

№	Task	Points
1.	Structure of metals.	10
2.	Driving force of phase transformations.	10
3.	How to use phase diagrams?	10
4.	Development of microstructure in Iron-Carbon alloys (steels and white cast irons) during crystallization.	10
5.	Crystallization process.	5
6.	Yield stress.	5
7.	Elastic properties of materials.	10
8.	Homogenization annealing.	10
9.	Quenching of steel.	15
10.	Copper-based alloys. Properties and application.	15