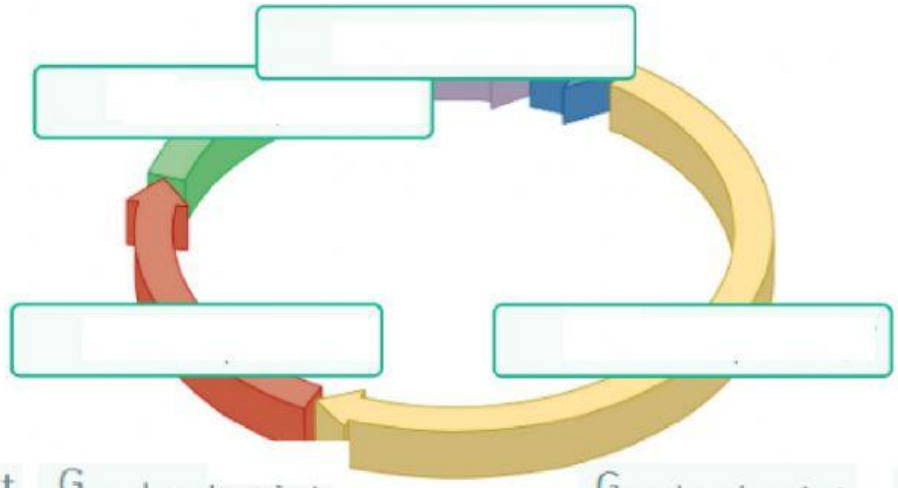
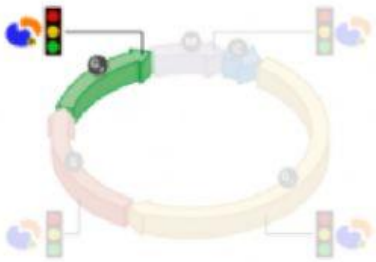
Complete the Cell Cycles Checkpoints

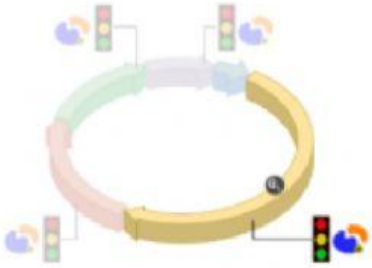


M checkpoint G_2 checkpoint G_1 checkpoint S checkpoint

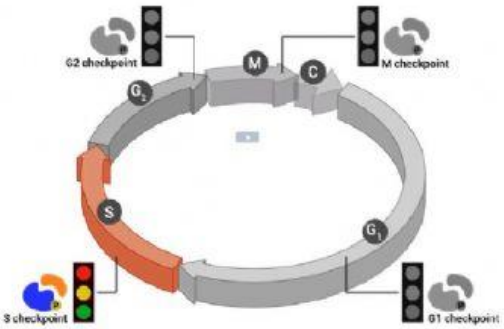
Match the following



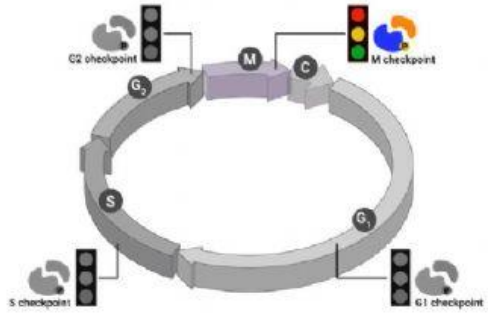
DNA damage is replicated



It monitors for damage in replicated DNA



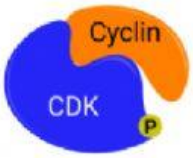
Monitors for attachment of chromosomes to spindle fibers



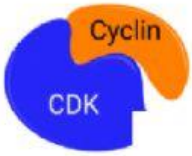
Monitors problem with DNA replication



Regulates cell cycle



Two internal factors of cell cycle



CDK is destroyed

Arrange the CDK activity in correct order.

Write the correct order here.

1. The cyclin/CDK complex activates a cellular protein.
2. The cyclin protein is destroyed.
3. Cyclin activates the cyclin-dependent kinase.
4. A phosphate group binds to the cyclin-dependent kinase.

Drag and drop the terms that correctly complete the sentences.

1. During _____, the attachment of sister chromatids to spindle fibers is checked.
2. During _____, the possibility of DNA damage is checked.
3. During the S phase checkpoint, any _____ problem is monitored.

C stage checkpoint	DNA replication	G_1 stage checkpoint	M stage checkpoint	S stage checkpoint