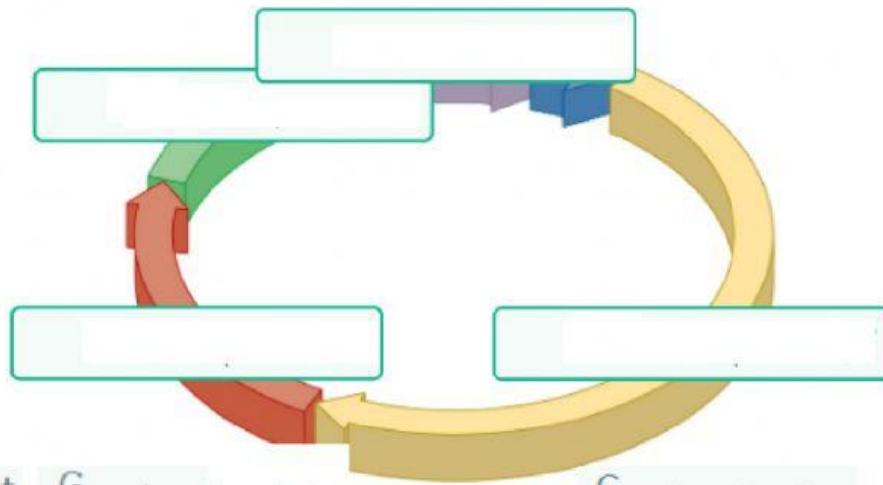


Complete the Cell Cycles Checkpoints



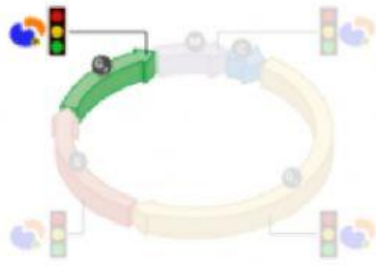
M checkpoint

G₂ checkpoint

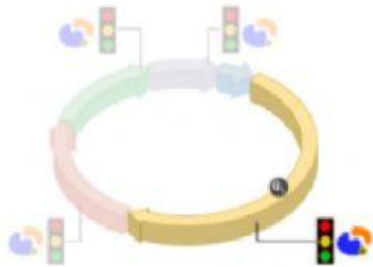
G₁ checkpoint

S checkpoint

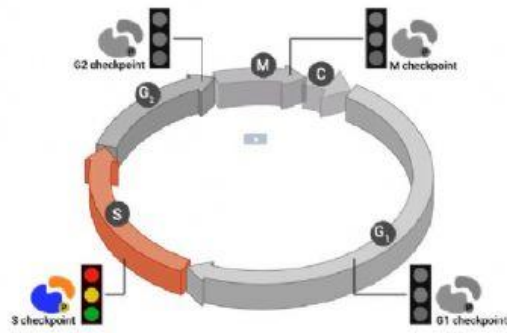
Match the following



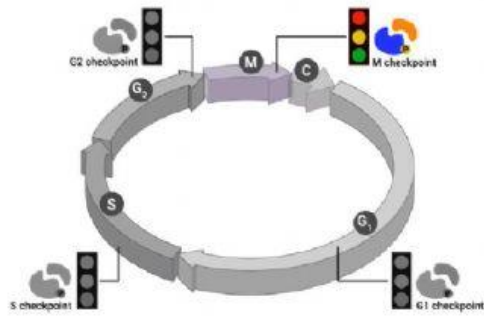
DNA damage is replicated



It monitors for damage in replicated DNA



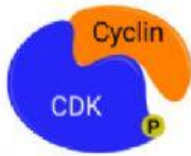
**Monitors for attachment
of chromosomes to spindle
fibers**



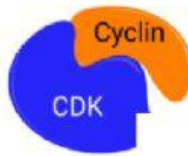
**Monitors problem with
DNA replication**



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