Silk

Silk is a natural protein fiber, some forms of which can be (1) _____ into textiles. The protein fiber of silk is composed mainly of fibroin, and is (2) _____ by certain insect larvae to form cocoons. The best-known silk is obtained from the cocoons of the larvae of the mulberry silkworm Bombyx mori, which is reared in (3) _____.

The shimmering appearance of silk is due to the triangular prism-like structure of the silk fibre, which (4) _____ silk cloth to refract incoming light at different angles, thus producing different colours.

Silk is produced by several insects, but, over the years, only the silk of moth caterpillars has been used for textile (5) _____, although there has been some (6) _____ into other types of silk.

Silk is mainly produced by the larvae of insects undergoing (7) _____ metamorphosis, but some insects such as webspinners and raspy crickets produce silk (8) _____ their lives.

(1)

A stitched
B woven
C knitted
D crocheted

(2)

A produced
B manufactured
C invented
D offered

(3)

A chains
B cell
C prison
D captivity

(4)

A encourages
B tempts
C allows
D forces

(5)

A fabricating
B constructing
C assembling
D manufacturing

(6)

A scrutinising
B probing
C research
D interrogation

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(7)

A complete
B entire
C thorough
D intense

(8)

A through
B entirely
C completely
D throughout

LIVEWORKSHEETS