

No

Name

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**Test 1** Read the following sentences and answer the questions.

The temporomandibular joint (TMJ), a hinge-like joint that connects the skull to the mandibular jaw, is located on each side of the face. It enables actions such as ( ① ) and ( ② ). TMJ is an important organ that controls jaw movement and is therefore deeply involved in issues such as occlusion and mastication, which are fundamental to dentistry. It is also known that functional or organic changes can cause disorders, resulting in a variety of clinical problems. Therefore, in everyday clinical practice and when treating various temporomandibular joint disorders, it is becoming increasingly important to understand the ( ③ ) and ( ④ ) of the TMJ in order to understand its pathology.

Temporomandibular joint disorder (TMD) is a group of disorders that affect the joints that help move the jaw. Common symptoms of TMD include jaw and facial pain, headaches and migraines, and ear pain and tinnitus. Causes of TMD include teeth grinding and clenching, poor bite alignment, and jaw tension due to stress. Many TMD symptoms are temporary and may resolve spontaneously. Treatments include gentle stretching of the jaw muscles and the use of mouth guards and night guards.

1) Write down possible words to insert into ① to ④.

①

②

③

④

2) 下線部を和訳しなさい。