



QUIZ TIME

Dental anatomy (dental pulp)



1-The primary function of the dental pulp is

- A-nutritive**
- B-Production of dentin**
- C-production of enamel**
- D-vascular supply to the teeth**

Ans:B

2-The apical foramen represents:

- a) Communication between pulp and periodontal ligament**
- b) Communication between enamel and dentin**
- c) Communication between pulp chamber and oral cavity**
- d) Communication between dentin and cementum**

Answer: (a)

3-Which of the following statements about accessory canals is correct?

- a) They are most commonly found in the middle third of the root only.**
- b) They provide communication between the pulp and periodontal ligament.**
- c) They are always easy to detect and treat during endodontic therapy.**
- d) They exist only in deciduous teeth.**

Answer: (b)

4-Regarding pulp horns, which of the following is true?

- a) They are extensions of the radicular pulp into the root canals.**
- b) Their number is always less than the number of cusps.**
- c) They are parts of the coronal pulp that extend beneath cusps and mamelons.**
- d) They are absent in anterior teeth.**

Answer: (c)

5-Which of the following statements about radicular pulp is correct?

- a) It is the part of the pulp found in the crown beneath cusps and mamelons.**
- b) It is located within the root canals and ends at the apical foramen.**
- c) Its size increases apically as the root canal widens.**
- d) It does not communicate with the periodontal ligament.**

Answer: (b)

6-Which of the following is true about the apical foramen?

- a) It is always located exactly at the anatomical apex.
- b) It allows passage of blood vessels and nerves into the pulp.
- c) It connects pulp to oral cavity through enamel.
- d) It never shows branching at the apical third.

Answer: (b)

7-Regarding the pulp cavity of permanent incisors, which of the following is true?

- a) In the labio-lingual section, the pulp chamber is trapezoid with its apex directed incisally.
- b) In the labio-lingual section, the pulp chamber is triangular with its apex directed incisally and base at the cervical line.
- c) The pulp chamber has no pulp horns at eruption.
- d) The root canal is highly curved and does not taper.

Answer: (b)

8-Regarding the pulp cavity of a maxillary first premolar, which of the following is correct?

- a) The pulp chamber has two pulp horns.
- b) In mesio-distal section, the pulp chamber is trapezoid with one pulp horn related to the cusp.
- c) The root canal is highly curved and does not taper.
- d) The cervical cross-section of the pulp chamber is circular.

Answer: (b)

9-Which of the following is true about the pulp cavity of maxillary molars?

- a) The palatal root canal is narrow and highly curved.
- b) The mesiobuccal root contains two root canals in about 60% of cases.
- c) The pulp chamber has only one pulp horn.
- d) Maxillary molars never contain more than 3 root canals.

Answer: (b)

10-Regarding the pulp cavity of mandibular molars, which of the following is correct?

- a) The pulp chamber is triangular in shape with three pulp horns.
- b) The mesial pulp horn is higher than the distal pulp horn.
- c) The distal root canal is curved and narrow, while the mesiobuccal canal is straight and wide.
- d) The mesial root always has only one root canal.

Answer: (b)