

# Ivory

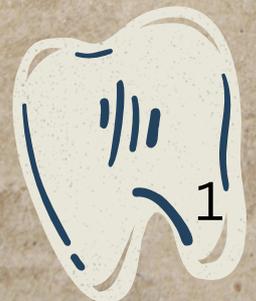
DENTAL ANATOMY

FINAL

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# DENTAL ANATOMY - FINAL

1. Which tooth shows an "H-shaped" developmental groove pattern when viewed from the occlusal aspect?

- A. Maxillary first premolar
- B. Maxillary second premolar
- C. Mandibular first premolar
- D. Mandibular second premolar
- E. Maxillary first molar

Answer: D

2. Which posterior tooth has a rhomboidal outline from the mesial aspect?

- A. Maxillary first premolar
- B. Mandibular first premolar
- C. Mandibular first molar
- D. Maxillary first molar
- E. Maxillary second molar

Answer: D

3. Which tooth appears heart-shaped when it has 3 cusps?

- A. Maxillary first molar
- B. Maxillary second molar
- C. Mandibular first molar
- D. Mandibular second premolar
- E. Mandibular second molar

Answer: B

4. A girl lost her maxillary canine. What is the expected age?

- A. 8 years
- B. 9 years
- C. 10 years
- D. 11 years
- E. 12 years

Answer: D

5. Which of the following is true about the maxillary canine?

- A. Distal slope is shorter than mesial slope
- B. Mesial slope is shorter than distal slope
- C. Both slopes equal in length
- D. Distal slope is sharper than mesial slope
- E. Mesial cusp tip more rounded than distal

Answer: B



# DENTAL ANATOMY - FINAL

6. Which tooth has two cusps nearly equal in size?

- A. Maxillary first premolar
- B. Maxillary second premolar
- C. Mandibular first premolar
- D. Mandibular second premolar (Y-type)
- E. Mandibular second molar

Answer: B

7. A child aged 8 years: how many deciduous teeth are expected to remain?

- A. 8
- B. 12
- C. 18
- D. 20
- E. 24

Answer: B

8. Which condition increases the difficulty of root extraction?

- A. Short fused root
- B. Long root trunk
- C. Root with multiple accessory canals
- D. Root with dilaceration
- E. Root with hypercementosis

Answer: C

9. From the buccal aspect of maxillary first premolar, how many cusps are visible?

- A. 1
- B. 2
- C. 3
- D. 4
- E. None

Answer: B

10. Which tooth has three parallel roots?

- A. Maxillary first molar
- B. Maxillary second molar
- C. Maxillary third molar
- D. Mandibular first molar
- E. Mandibular second molar

Answer:A



# DENTAL ANATOMY - FINAL

11. Which tooth occludes with only one opposing tooth?

- A. Maxillary central incisor
- B. Maxillary lateral incisor
- C. Mandibular central incisor
- D. Maxillary third molar
- E. Mandibular third molar

Answer: C

12. Where are the contact areas of mandibular central incisors located (mesial & distal)?

- A. Both in incisal third
- B. Both in middle third
- C. Mesial in incisal, distal in middle
- D. Mesial in middle, distal in incisal
- E. Cervical third for both

Answer: A

13. Which tooth is wider mesiodistally than labiolingually?

- A. Maxillary central incisor
- B. Maxillary lateral incisor
- C. Maxillary canine
- D. Mandibular central incisor
- E. Mandibular canine

Answer: A

14. The permanent tooth that replaces the mandibular second deciduous molar is:

- A. Mandibular first premolar
- B. Mandibular second premolar
- C. Mandibular canine
- D. Mandibular first molar
- E. Mandibular lateral incisor

Answer: B

15. How many developmental grooves are present in the maxillary first permanent molar?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6

Answer: C



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Answer: A

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- D. Mandibular central incisor
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Answer: A

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- B. Mandibular second premolar
- C. Mandibular canine
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Answer: B

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- C. 4
- D. 5
- E. 6

Answer: C



# DENTAL ANATOMY - FINAL

16. How many fossae are present in maxillary first permanent molar?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Answer: D

17. Which tooth has four cusps of nearly equal size?

- A. Maxillary first molar
- B. Maxillary second molar
- C. Mandibular first molar
- D. Mandibular second molar
- E. Mandibular third molar

Answer: D

18. Which is the first permanent tooth to erupt?

- A. Maxillary central incisor
- B. Mandibular central incisor
- C. Maxillary first molar
- D. Mandibular first molar
- E. Mandibular lateral incisor

Answer: D

19. When is the root of first permanent molar completed?

- A. 6 years
- B. 7 years
- C. 8-9 years
- D. 10 years
- E. 12 years

Answer: D

20. Which is correct regarding maxillary first permanent molar?

- A. Heart-shaped occlusal outline
- B. Has cusp of Carabelli on mesiolingual cusp
- C. Buccal groove always without pit
- D. Always has 3 roots of equal size
- E. Has only 2 roots

Answer: B



# DENTAL ANATOMY - FINAL

21. What structure is formed by mesial and distal marginal ridges?

- A. Developmental groove
- B. Transverse ridge
- C. Oblique ridge
- D. Occlusal table
- E. Cusp ridge

Answer: D

22. Which maxillary tooth may have two root canals in one root?

- A. Maxillary central incisor
- B. Maxillary lateral incisor
- C. Maxillary canine
- D. Maxillary first premolar
- E. Maxillary second premolar

Answer: E

23. A tooth with pulp chamber containing 2 pulp horns and 2 root canals is most likely:

- A. Maxillary first premolar
- B. Maxillary second premolar
- C. Mandibular first premolar
- D. Mandibular canine
- E. Maxillary canine

Answer: B

24. Which of the following erupts earlier regarding mandibular second molar?

- A. Male before female
- B. Female before male
- C. Right side before left side
- D. Left side before right side
- E. All erupt at same time

Answer: B and D (Female, left side)

25. Which primary tooth does not resemble any permanent tooth?

- A. Maxillary central incisor
- B. Mandibular central incisor
- C. Maxillary canine
- D. Maxillary first molar
- E. Maxillary second molar

Answer: D



# DENTAL ANATOMY - FINAL

26. How many developmental grooves are present on the occlusal aspect of mandibular first molar?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6

Answer: C

27. How many teeth does an 11-year-old boy usually have?

- A. 20
- B. 22
- C. 24
- D. 26
- E. 28

Answer: D

28. Which teeth erupt first among the following?

- A. Mandibular left first molar in girls
- B. Maxillary left first molar in girls
- C. Mandibular left first molar in boys
- D. Maxillary right first molar in boys
- E. Maxillary right second premolar in girls

Answer: A

29. How many deciduous teeth does an 8-year-old child have?

- A. 0
- B. 4
- C. 8
- D. 12
- E. 16

Answer: D

30. The most rounded angles in all teeth are found in:

- A. Maxillary central incisor – mesioincisal
- B. Maxillary central incisor – distoincisal
- C. Maxillary lateral incisor – distoincisal
- D. Mandibular central incisor – distoincisal
- E. Mandibular lateral incisor – mesioincisal

Answer: c



# DENTAL ANATOMY - FINAL

31. The distinguishing feature of maxillary first permanent molar is:

- A. Buccal groove
- B. Transverse ridge
- C. Tubercle of Carabelli on mesiolingual cusp
- D. Long palatal root
- E. Oblique ridge

Answer: C

32. A cross-shaped occlusal groove pattern is seen in:

- A. Maxillary first premolar
- B. Maxillary second premolar
- C. Mandibular first premolar
- D. Mandibular second molar
- E. Maxillary first molar

Answer: D

33. A Y-shaped occlusal groove pattern is seen in:

- A. Mandibular first premolar
- B. Mandibular second premolar (3-cusp type)
- C. Maxillary first molar
- D. Maxillary second molar
- E. Mandibular second molar

Answer: B

34. At what age is the root of mandibular second molar completed?

- A. 10 years
- B. 12 years
- C. 13-14 years
- D. 15-16 years
- E. 18 years

Answer: D

35. The contact areas of maxillary central incisors are located at:

- A. Mesial - incisal third, Distal - incisal third
- B. Mesial - incisal third, Distal - junction of incisal and middle third
- C. Mesial - middle third, Distal - middle third
- D. Both mesial and distal in middle third
- E. Cervical third (mesial and distal)

Answer: B



# DENTAL ANATOMY -

## FINAL

36. Which of the following is true about maxillary deciduous incisors?

- A. Wider labiolingually than mesiodistally
- B. Larger crown than permanent successor
- C. Mesiodistal width greater than cervicoincisal height
- D. Presence of mamelons
- E. Incisal edge sharp immediately after eruption

Answer: C

37. The deciduous tooth that has three equal buccal cusps is:

- A. Maxillary first molar
- B. Maxillary second molar
- C. Mandibular first molar
- D. Mandibular second molar
- E. Mandibular first premolar

Answer: D

38. All posterior teeth have a height of contour located in which segment of the crown

(lingual surface)?

- A. Occlusal third
- B. Middle third of buccal surface
- C. Middle third of lingual surface
- D. Cervical third of lingual surface
- E. Incisal third

Answer: C

39. The oblique ridge on a maxillary molar extends between which two cusps?

- A. MB and DB
- B. MB and ML
- C. MB and DL
- D. DB and ML
- E. DB and DL

Answer: D

40. How many cusp tips can be seen on a mandibular first molar when viewed directly

from the buccal aspect?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6

Answer: D



41. Which cusp is most likely to be absent on a maxillary second molar?

- A. Mesiolingual
- B. Distolingual
- C. Cusp of Carabelli
- D. Mesiobuccal
- E. Distobuccal

Answer: C



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اللهم اجعل هذا العلم حجةً لنا لا علينا  
، وانفعنا بما علمتنا ، وعلمنا ما ينفعنا  
، و زدنا علمًا ،

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