

## **? Q1 – Face Boundaries**

Which of the following forms the inferior boundary of the face?

- A. Hairline
- B. Lower border of the mandible and chin
- C. Auricle
- D. Eyebrow

Answer: B

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## **? Q2 – Layers of the Face**

Which statement about the skin of the face is TRUE?

- A. It is poorly vascularized
- B. It heals slowly
- C. It contains sebaceous and sweat glands → prone to acne
- D. It is tightly bound to deep fascia everywhere

Answer: C

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## **? Q3 – Superficial vs Deep Fascia**

The deep fascia of the face is absent in most regions to allow:

- A. Facial expression
- B. Blood flow
- C. Bone movement
- D. Protection of nerves

Answer: A

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#### **? Q4 – Orbicularis Oculi**

Which part of the orbicularis oculi closes the eye tightly in response to bright light?

- A. Palpebral part
- B. Orbital part
- C. Lacrimal part
- D. Zygomatic part

Answer: B

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#### **? Q5 – Orbicularis Oris**

The orbicularis oris muscle:

- A. Compresses the cheeks against teeth
- B. Encircles the mouth and compresses lips

- C. Raises the upper lip
- D. Pulls down the angle of the mouth

Answer: B

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### ? Q6 – Buccinator

The buccinator muscle:

- A. Encircles the orbit
- B. Compresses cheeks and lips against teeth, preventing food accumulation in vestibule
- C. Closes the eyelid
- D. Pulls down the lower lip

Answer: B

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### ? Q7 – Facial Nerve Course

Which of the following statements is TRUE?

- A. All sensory and parasympathetic fibers of facial nerve exit after the stylomastoid foramen
- B. Facial nerve passes through internal acoustic meatus
- C. Facial nerve has no parasympathetic fibers
- D. Stylomastoid foramen carries sensory fibers only

 Answer: B

 Note: At stylomastoid foramen → motor only

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### Q8 – Facial Nerve Branches

Which of the following supplies the orbicularis oris, buccinator, and elevators of the upper lip?

- A. Temporal
- B. Zygomatic
- C. Buccal
- D. Marginal mandibular

 Answer: C

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### Q9 – Bell's Palsy

All of the following are possible causes of Bell's Palsy EXCEPT:

- A. Tumor in internal acoustic meatus
- B. Infection of middle ear
- C. Stroke in the precentral gyrus
- D. Laceration of the face

✔ Answer: C

💡 Stroke = UMN, Bell's Palsy = LMN

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### ? Q10 – Bell's Palsy Symptoms

Which of the following is NOT a typical symptom of LMN facial nerve lesion (Bell's Palsy)?

- A. Inability to close the eye
- B. Sagging of the mouth on affected side
- C. Forehead wrinkles preserved
- D. Loss of forehead movement

✔ Answer: C

💡 Forehead preserved → UMN, not LMN

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### ? Q11 – Upper vs Lower Motor Neuron

Which feature is characteristic of upper motor neuron facial palsy?

- A. Whole ipsilateral face affected
- B. Forehead spared
- C. Loss of taste from anterior 2/3 of tongue
- D. Dry eye

 Answer: B

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### Q12 – Why UMN Spares Forehead

The upper part of the facial nucleus receives input from:

- A. Contralateral hemisphere only
- B. Ipsilateral hemisphere only
- C. Both cerebral hemispheres
- D. None

 Answer: C

 Explains why UMN lesion spares the forehead

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### Q13 – LMN Features

Which of the following is typical for LMN facial nerve lesion?

- A. Contralateral lower face affected only
- B. Ipsilateral whole face affected
- C. Forehead spared
- D. No taste disturbance

 Answer: B

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### Q14 – Chorda Tympani

The chorda tympani provides:

- A. Taste sensation from posterior 1/3 of tongue
- B. Parasympathetic fibers to submandibular and sublingual glands
- C. Motor supply to orbicularis oculi
- D. Sensory fibers to skin of cheek

 Answer: B

 Also taste from anterior 2/3 of tongue

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### Q15 – Facial Nerve Terminal Branches

The marginal mandibular branch supplies:

- A. Frontal belly of occipitofrontalis
- B. Orbicularis oculi
- C. Muscles of lower lip
- D. Platysma

 Answer: C

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**? Q16 – Clinical Scenario (Tricky)**

A patient presents with inability to smile, cannot raise the right eyebrow, and loss of forehead wrinkles, taste is disturbed, and eye cannot close. The lesion is most likely:

- A. Right UMN lesion
- B. Right LMN lesion
- C. Left UMN lesion
- D. Left LMN lesion

Answer: B

 LMN → same side, whole face, taste affect