



# Respiratory System

1. The pharynx begins at the base of the skull and ends at the:
  - a) Superior border of the cricoid cartilage
  - b) Lower border of the thyroid cartilage
  - c) Lower border of the hyoid bone
  - d) Lower border of the cricoid cartilage
2. The pharyngeal plexus is mainly formed by branches of which nerve?
  - a) Facial nerve
  - b) Vagus nerve
  - c) Glossopharyngeal nerve
  - d) Hypoglossal nerve
3. Which muscle forms the sphincter at the lower end of the pharynx?
  - a) Stylopharyngeus
  - b) Salpingopharyngeus
  - c) Cricopharyngeus
  - d) Palatopharyngeus
4. The sensory nerve supply to the nasopharynx is mainly provided by which nerve?
  - a) Maxillary nerve
  - b) Mandibular nerve
  - c) Ophthalmic nerve
  - d) Glossopharyngeal nerve
5. Which part of the pharynx is supported by the second and third cervical vertebrae?
  - a) Nasopharynx
  - b) Oropharynx
  - c) Laryngopharynx
  - d) Hypopharynx
6. The tonsillar fossa, where the palatine tonsils are located, lies between which arches?
  - a) Palatoglossal and palatopharyngeal arches
  - b) Palatoglossal and hyoglossal arches
  - c) Palatopharyngeal and hyopharyngeal arches
  - d) Palatoglossal and palatohyoid arches
7. Which artery is the main arterial supply to the tonsils?
  - a) Facial artery
  - b) Lingual artery
  - c) Ascending pharyngeal artery
  - d) Tonsillar branch of the maxillary artery



# Respiratory System

8. The piriform fossa is located in which part of the pharynx?
- Nasopharynx
  - Oropharynx
  - Laryngopharynx
  - Hypopharynx
9. Which muscle is responsible for pulling the larynx and pharynx upward during the second stage of swallowing to close the laryngeal inlet?
- Stylopharyngeus
  - Palatopharyngeus
  - Cricopharyngeus
  - Salpingopharyngeus
  - E) all of the above except c
10. Which nerve supplies the sensory innervation to the oropharynx?
- Mandibular nerve
  - Glossopharyngeal nerve
  - Vagus nerve
  - Hypoglossal nerve
11. The pharyngeal tonsils are also known as: خارجي
- Lingual tonsils
  - Palatine tonsils
  - Adenoids
  - Tubal tonsils
12. The superior boundary of the oropharynx is marked by:
- The hard palate
  - The soft palate
  - The hyoid bone
  - The epiglottis
13. Which artery primarily supplies the nasopharynx?
- Facial artery
  - Maxillary artery
  - Lingual artery
  - Ascending pharyngeal artery
14. The laryngopharynx extends from the level of the hyoid bone to the:
- Superior border of the cricoid cartilage
  - Inferior border of the cricoid cartilage
  - Epiglottis
  - Inferior border of the thyroid cartilage
15. The muscle responsible for the involuntary constriction of the upper esophageal sphincter is the:
- Cricopharyngeus
  - Palatopharyngeus
  - Salpingopharyngeus
  - Stylopharyngeus



# Respiratory System

## Key answers

1. a) Superior border of the cricoid cartilage
2. b) Vagus nerve
3. c) Cricopharyngeus
4. a) Maxillary nerve
5. b) Oropharynx
6. a) Palatoglossal and palatopharyngeal arches
7. d) Tonsillar branch of the maxillary artery
8. c) Laryngopharynx
9. E
10. b) Glossopharyngeal nerve
11. c) Adenoids
12. b) The soft palate
13. b) Maxillary artery
14. b) Inferior border of the cricoid cartilage
15. a) Cricopharyngeus