

F.Y.B.A.S.L.^P(2013 Course): SUMMER-2018

SUBJECT: BASIC MEDICAL SCIENCES RELATED TO SPEECH & HEARING

Day: Thursday

Time: —

Date: 24-05-2018

S-2018-3518

Max. Marks: 02

N.B.:

- 1) Put a \checkmark in the appropriate box once only.
- 2) Use **BLUE** ball point pen only.
- 3) Each question carries **ONE** mark.
- 4) Students will not be allotted mark if he/ she overwrites strikes or puts white ink on the tick once marked.
- 5) **MCQ** sheet will be taken back after **10 minutes**.

Seat No. _____

Signature of the Invigilator: _____

Marks Obtained: _____

Signature of the Examiner: _____

SECTION-A

ANATOMY

Q.1 MCQ.

- 1) Maxillary paranasal air sinus opens in to _____ of lateral nasal wall
 - a) Inferior meatus
 - b) Middle meatus
 - c) Superior meatus
 - d) Sphenoethmoidal recess

- 2) All intrinsic muscles of larynx **except** cricothyroid are supplied by
 - a) Internal laryngeal nerve
 - b) External laryngeal nerve
 - c) Superior laryngeal nerve
 - d) Recurrent laryngeal nerve

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SECTION- A

ANATOMY

Q.2 Write note on any **ONE** of the following: **(03)**

- a) Nasopharynx.
- b) Muscles of larynx.

Q.3 Attempt any **THREE** of the following: **(15)**

- a) Classification of synovial joints.
- b) Maxillary air sinus.
- c) Development of tongue.
- d) Name the muscles of palate, name their actions and nerve supply.

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SECTION-B

PHYSIOLOGY

Q.1 MCQ:

- 1) Decrease secretion of thyroid hormones in adults leads to
 - a) Acromegaly
 - b) Gigantism
 - c) Myxoedema
 - d) Dwarfism

- 2) Function of mitochondria is
 - a) Energy production
 - b) Phagocytosis
 - c) Immunity
 - d) Protein synthesis

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SECTION- B

PHYSIOLOGY

Q.2 Write note on any **ONE** of the following: **(03)**

- a) Discuss Respiratory centers.
- b) Define the terms
 - i) Tumor
 - ii) karyotyping:
 - iii) Inflammation

Q.3 Attempt any **THREE** of the following: **(15)**

- a) Describe lung volumes and capacities.
- b) Enumerate Cranial nerves and state function of each.
- c) Give a brief account on actions of growth hormone.
- d) Describe Act of respiration.

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Day: **Thursday**
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S-2018-3518

Time: **10.00 AM TO 01.00 PM**
Max. Marks: 06

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Seat No. _____

Signature of the Invigilator: _____

Marks Obtained: _____

Signature of the Examiner: _____

SECTION-C
OTOLARYNGOLOGY

Q.1 MCQ.

- 1) Otomycosis is _____
 - a) Fungal infection of the external auditory canal
 - b) Bacterial infection of the external auditory canal
 - c) Presence of foreign body in the ear
 - d) Viral infection of the ear
- 2) Nystagmus is _____
 - a) Seen while walking in straight line
 - b) Abnormal finger nose test
 - c) Involuntary, rhythmic and oscillatory movement of eyes
 - d) Trunkal ataxia
- 3) Unsafe CSOM is
 - a) Where there is central perforation
 - b) Where the discharge is nonfoul smelling
 - c) Where there is fluid behind the tympanic membrane
 - d) Where the disease is involving atticoantral or posterosuperior region of the middle ear.
- 4) Notch at 4000 Hz is seen in
 - a) Presbycusis
 - b) Noise induced deafness
 - c) Otosclerosis
 - d) Meniere's disease

P. T. O.

5) Earliest symptom of glottic cancer is

- a) Dysphagia
- b) Breathless ness
- c) Swelling in the neck
- d) Hoarseness of voice

6) Quinsy is _____.

- a) Peritonsillar abscess
- b) Adenoid hypertrophy
- c) Oral Ulcer
- d) Cancer of base of tongue

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SECTION- C

OTOLARYNGOLOGY

Q.2 Attempt any **THREE** of the following: **(09)**

- a) Foreign bodies in the ear.
- b) Presbycusis
- c) Myringotomy and Grommet insertion
- d) Clinical features of Meniere's disease.

Q.3 Attempt any **THREE** of the following: **(15)**

- a) Noise Induced hearing loss.
- b) Otosclerosis investigation and treatment
- c) Clinical features and management of unilateral vocal cord palsy.
- d) Tuning fork tests

Q.4 Describe the parts of cochlear implant. Enumerate the indications, steps and complications of cochlear implant. **(10)**

OR

Describe indications, procedure and complication of tracheostomy.

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