

**DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS –
FEB, 2021
FIRST YEAR EXAMINATION – 4 YDC
ANATOMY**

Time: 3:00 Hours

Max. Marks: 75

Instructions: Madhya Pradesh Medical Science University,
Jabal

MBBS First Professional Examination Feb-2021

Subject- Anatomy

Paper-I

a)

All questions are compulsory

b)

Draw diagrams wherever necessary

c)

Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.

d)

MCQ has to be answered in theory answer book

e)

Please write MCQ answer neatly and in serial order with black or blue pen in brackets; for example: - 1. (a) 2. (c)

f)

~~Maximum Marks :100~~

MCQ has to be answered only once, any kind of repetition or cutting or erasing or whitener will be considered as malpractice, such answers will not be counted in marks and action will be taken according to UFM rules of university.

Q1. Total MCQs: 20

1. The 'C' cells or parafollicular cells of the thyroid gland are developed from $20 \times 1 = 20$
 - (a) ultimobranchial body
 - (b) fourth pharyngeal pouch
 - (c) third pharyngeal pouch
 - (d) second pharyngeal pouch
 2. The neocerebellum is associated with
 - (a) regulation of muscle tone of trunk
 - (b) maintenance of equilibrium
 - (c) regulation of muscle tone of limbs
 - (d) smooth performance of skilled acts
 3. Which layer of scalp is called the dangerous layer
 - (a) skin
 - (b) dense connective
 - (c) loose areolar connective tissue
 - (d) epicranial aponeurosis
 4. The largest peripheral parasympathetic ganglion of head and neck region is
 - (a) ciliary
 - (b) pterygopalatine
 - ~~(c) submandibular~~
-

(d) otic

5. All muscle of soft palate is supplied by accessory cranial nerve EXCEPT

- (a) levator veli palatini
- (b) tensor veli palatini
- (c) palatoglossus
- (d) muscularis uvulae

6. The contents of middle ear cavity are

- (a) tensor tympani and stapedius
- (b) chorda tympani and tympanic plexus
- (c) malleus, incus and stapes
- (d) all of the above

7. The pain from tongue is referred to ear through

- (a) facial nerve
- (b) glossopharyngeal nerve
- (c) both (a) and (b)
- (d) mandibular nerve

8. Epithelium lining of urinary bladder is

- (a) simple squamous
- (b) pseudostratified columnar
- (c) cuboidal
- (d) transitional

9. All the muscles of tongue are supplied by the hypoglossal nerve EXCEPT

- (a) hyoglossus
 - (b) genioglossus
 - ~~(c) palatoglossus~~
-

(d) styloglossus

10. Part of growing long bones commonly involved in osteomyelitis is

- (a) epiphysis
- (b) metaphysis
- (c) diaphysis
- (d) epiphyseal plate

11. The lower motor neurons are located in the

- (a) anterior gray column of spinal cord
- (b) cerebral cortex
- (c) internal capsule
- (d) thalamus

12. The lymph vessels from thumb drain into which group of axillary lymph nodes

- (a) lateral
- (b) posterior
- (c) anterior
- (d) central

13. Typical intercostal nerves are

- (a) 1st and 2nd intercostal nerve
- (b) 7th and 10th intercostal nerve
- (c) 7th to 11th intercostal nerve
- (d) 3rd to 6th intercostal nerve

14. Ligament of berry is a derivative of

- (a) investing layer
 - (b) pre-tracheal layer
 - ~~(c) pre-vertebral layer~~
-

(d) carotid sheath

15. Basal nuclei include all of the following structures EXCEPT

- (a) corpus striatum
- (b) claustrum
- (c) amygdaloid body
- (d) habenular nucleus

16. Crista terminalis is a feature of

- (a) right ventricle
- (b) left ventricle
- (c) right atrium
- (d) left atrium

17. The inferior thyroid artery is a branch of

- (a) external carotid artery
- (b) internal carotid artery
- (c) thyrocervical trunk
- (d) brachiocephalic trunk

18. Bipolar neurons are found at all of the following sites EXCEPT

- (a) retina
- (b) olfactory epithelium
- (c) sensory ganglia
- (d) vestibulocochlear ganglia

19. Root value of long thoracic nerve is

- (a) C5-C7
 - (b) C5-C6
 - (c) C5-C8
-

(d) C5-T1

20. All of the following are the examples of fibrous joint EXCEPT

- (a) suture
- (b) syndesmosis
- (c) symphysis
- (d) gomphosis

Q2. Short Answer Questions

Write short notes on any **THREE** of the following:

- a. Development of palate and its anomalies
- b. Scalp
- c. Middle ear cavity
- d. Supination and pronation in forearm
- e. Histology of thyroid gland
- f. Rotator cuff of shoulder joint
- g. Typical intercostal space
- h. Carotid triangle
- i. Lateral nasal wall
- j. Secretomotor pathway of parotid gland

Q3. Long Answer Questions

Write brief answers on any **THREE** of the following:

- a. Describe the median nerve under the following heads
 - i. Root value
 - ii. Course and relations
-

iii. Distribution

iv. Clinical anatomy

b. Describe bronchopulmonary segments with its applied

C. Classify the Dural venous sinuses and describe cavernous sinus in detail

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