

F.Y.B.Sc (Nursing) 2007 Course: Winter - 2018

SUBJECT: ANATOMY AND PHYSIOLOGY

Day: Wednesday

Date: 03-10-2018

Time: -

Max. Marks: 15

W-2018-4015

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Put a tick mark in the appropriate box.
- 3) Use blue/ black ball point pen only.
- 4) Section-I should be completed in **15** minutes.
- 5) Each question carries **ONE** mark.
- 6) Student will not be allotted any marks if he/she overwrites strikes or puts ink on the box once marked.

Seat No.: _____

Signature of Supervisor: _____

Marks Obtained: _____

SECTION-A

Q.1 Normal Duration of cardiac cycle is _____.

- a) 0.1 sec
- b) 0.2 sec
- c) 0.4 sec
- d) 0.8 sec

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Q.2 The knee joint can be classified as follows except.

- a) Synovial
- b) Uniaxial
- c) Bicondylar
- d) Simple

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Q.3 I.M. injection is given in _____.

- a) Deltoid
- b) Vastus lateralis
- c) Gluteus medius
- d) All of the above

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Q.4 Thyroid gland is a _____.

- a) Endocrine gland
- b) Exocrine gland
- c) Autocrine gland
- d) None of the above

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

P.T.O.

Q.5 Age of closure of anterior fontanalle is _____.

- a) One month
- b) Six month
- c) One year
- d) One and a half year

Q.6 All the structures open into right atrium **Except** _____.

- a) Coronary sinus
- b) Superior vena cava
- c) Inferior vena cava
- d) Aorta

Q.7 First Heart sound is due to _____.

- a) Opening of atrio - ventricular valves
- b) Closure of atrio - ventricular valves
- c) Closure of semilunar valves
- d) Last rapid filling

Q.8 Normal life span of Red Blood cells is _____.

- a) 30 days
- b) 60 days
- c) 90 days
- d) 120 days

Q.9 The following structure is the power house of the cell.

- a) Nucleus
- b) Sarcoplasmic reticulum
- c) Golgi apparatus
- d) Mitochondria

Q.10 Hemiplegia means paralysis of _____.

- a) Both upper limbs
- b) Upper and lower limbs of one side of the body
- c) Both lower limbs
- d) All four limbs

Q.11 Normal Tidal volume is (in ml) _____.

- a) 200
- b) 400
- c) 500
- d) 700

Q.12 Refractive error after the age of 40 years is called as _____.

- a) Myopia
- b) Astigmatism
- c) Presbyopia
- d) Spherical aberrations

Q.13 Pacemaker of heart is _____.

- a) Ventricular muscle
- b) A.V. node
- c) S.A. node
- d) Purkinje fibers

Q.14 The correct term for the end of a bone is _____.

- a) Terminal end
- b) Diaphysis
- c) Epiphysis
- d) Xiphoid

Q.15 Hemophilia (A) is due to deficiency of clotting factor _____.

- a) VIII
- b) IX
- c) X
- d) V

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F.Y. B.SC. (NURSING) (2007 COURSE) : WINTER- 2018

SUBJECT: ANATOMY AND PHYSIOLOGY

Day: Wednesday
Date: 03/10/2018

Time: 10.00 A.M. TO 01.00 P.M.
Max. Marks: 60

W-2018-4015

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to both the sections should be written in the **SEPARATE** answer book.

SECTION-B

Q.1 Describe shoulder joint in detail about classification, ligament, muscles and movements. (15)

OR

Enumerate parts of Digestive system. Describe Stomach in detail.

Q.2 Write short notes on **ANY FIVE** of the following: (15)

- a) Spermatic cord
- b) Left lung
- c) Structure of Ear
- d) Functions of spleen
- e) Thyroid gland
- f) Midbrain
- g) Blood supply of heart

SECTION-C

Q.3 Define Menstrual cycle with the help of labeled diagram, Describe different phases of Menstrual cycle in detail. (15)

OR

Classify Blood groups. Enumerate the factors involved in Blood Coagulation and Describe in detail mechanism of coagulations.

Q.4 Write short notes on **ANY FIVE** of the following: (15)

- a) Neurotransmitter
- b) Spermatogenesis
- c) Factors affecting Respiration
- d) Functions of Kidney
- e) Reflex arch
- f) ADH
- g) Portal circulation

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