

First Basic B.Sc. Nursing Examination, Winter 2018 ANATOMY AND PHYSIOLOGY

			·	PARTY BARRY (1889)	WEREING TRANS	DATE & COLUMN THE CASE
Tota	Duration : Section /	A + B = 31	Hours	SALLER SERVICE	Tota	al Marks: 75
* •		SEC	TION - A and SE	CTION - B	TANKS.	d4130
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4	7) Use a c	common answert	ook for all Secti	ons.	mosto -
	a obalisha way s	S	ECTION - A (42	Marks)	Annean Standard	
	Short answer question a) Blood supply of lot b) Sternocleidomas c) Boundaries and co d) Bronchopulmona e) Porta hepatis. f) Structure of uteru g) Stomach bed.	ong bone. toid muscl contents or ry segmen	e. f Popliteal fossa.			(6×5=30)
2.	Long answer question	n (any on	e out of two):			(1×12=12)
	a) Describe shoulde i) Type and Arti ii) Ligaments. iii) Movements a iv) Applied Anato	cular surfa nd muscle	ices.		**************************************	3 3 3 3
	 b) Describe the pare i) Gross structu ii) Blood supply. iii) Nerve supply. iv) Applied Anato 	otid gland re and rela		ng heads :		4 3 3 2

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SECTION - B (33 Marks)

3.	Short answer question (any four out of five): (4×5	5=20)
	a) Write a note on structure and functions of Neuron. Draw a neat labelled diagram of Neuron.	1 1000
	b) Note on Glomerular filtration rate.	-
	c) Note on Rh blood grouping.	
(41)	d) Give Functions of Placenta.	0
	e) Note on Sarcomere.	
4.	Long answer question: (1×13	3=13)
	a) Describe composition and functions of blood. Add a note on Anaemia.	6
	b) Enumerate functions of gastric juice. Describe phases of gastric secretion.	7
	of the state of the OR street of entering ment of the state.	
	Long answer question : (1×13	=13)
	 Write a note on conduction system of heart. Explain with the help of a neat diagram. 	6
	d) What is Blood Pressure? Enumerate the factors affecting blood pressure. Add a note on Bároreceptor mechanism of blood pressure regulation.	7

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First Basic B.Sc. Nursing Examination, Summer 2018 ANATOMY AND PHYSIOLOGY

Total Duration : Section A + B = 3 Hours Total Marks : 75

SECTION - A & SECTION - B

Instructions: 1) Use blue/black ball point pen only.

- Do not write anything on the blank portion of the question paper.
 If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answerbook for all sections.

SECTION - A (42 Marks)

1 Short answer question (any six out of seven)	The second secon	
1. Short answer question (any six out of seven):	Hoem eff sons	(6×5=30)
Lymphatic drainage of mammary gland.		
b) Bronchopulmonary segments.	and the same of the same	
c) Boundaries and contents of femoral triangle.	Explicit property of the same of	
d) Constituents of the spermatic cord.	anternalised of th	Will (b
e) Relations of urinary bladder in male.	医11-1249	
f) Sternocleidomastoid muscle.	exactistic rech	MINN (D
g) Sulci and gyri on superolateral surface of cerebrum.		
2. Long answer question (any one out of two):	(1	×12=12)
a) Describe synovial joint under following heads		
i) Definition		2
ii) Characteristics		2
iii) Classification with example	6.	6
iv) Applied anatomy		2
		P.T.O.

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	b) Describe the stomach under following heads:	
	i) External features and relations	3
	ii) Blood supply	nollarud Ir3T
	iii) Lymphatic Drainage	3
	iv) Applied Anatomy	3
	SECTION - B (33 Marks)	
	(Physiology)	
3.	. Short answer question (any four out of five):	(4×5=20)
	a) Enumerate the properties of Skeletal muscle and describe any one in det	ail.
	b) Compare and contrast between cortical and juxtaglomerular nephron.	
	c) Classify nerve fibers on the basis of conduction velocity and add a note on sconduction.	altatory
ال	d) Draw a well labelled diagram of ECG in lead II and give the normal value the intervals.	es of all
	e) Describe the functions of hypothalamus.	
4.	Long answer question :	(1×13=13)
	a) Define synapse, classify it and enumerate its properties.	6
	b) Describe the mechanism of synaptic transmission.	ang porter
	OR A project paragraph to openially offer	great Tax
2	Long answer question :	(1×13=13)
	c) What is the physiological basis of Blood group? Name the various Blood groups u3	d) Const
	d) What are the hazards of Blood transfusion 7 144	7
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First Basic B.Sc. Nursing Examination, Winter 2017 ANATOMY AND PHYSIOLOGY

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SECTION - A & SECTION - B

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- 7) Use a common answerbook for all sections.

SECTION - A (42 Marks) (Anatomy) 1. Short answer question (any six out of seven): Parollo gland a) Secondary cartilaginous joint. b) Stomach bed. c) Popliteal fossa. d) Bronchcpulmonary segments. Supports of uterus. f) Sternocleidomastoid muscle. g) Muscles of mastication. Long answer question (any one out of two) : $(1 \times 12 = 12)$ a) Describe shoulder joint under the following headings L i) Type and articular surfaces. (2)ii) Ligaments ____ (3)iii) Movements and muscles producing movements (4)iv) Applied anatomy (3)

b) Describe parotid gland under the following headings:	First Sasty
i) Gross structure and relations ——	(3)
ii) Blood supply	(3)
iii) Nerve supply	(3)
iv) Applied Anatomy	(3)
AND THE REPORT OF THE PERSON O	Util medianis
SECTION - B (33 Marks)	O/O
(Physiology)	
3. Short answer question (any four out of five):	(4×5=20)
a) Functions of Bile.	0/4c
b) Mechanisms of Blood Pressure regulation.	
c) Spermatogenesis.	
d) Functions of Skin.	
e) Define Diabetes Mellitus and explain Physiological actions of	of Insulin Hormone.
Long answer question.	(1×13=13)
a) Describe the process of Blood Coagulation. Write a note on	bleeding time and
clotting time. — 133	6
b) Describe the Neural regulation of Respiration.	Allega Paware 1007
OR Jajoj sug	a) Segondary partileging
Long answer question :	D. Danier Property Co.
Define GFR. What are the factors regulating GFR?	6
d) Define and classify immunity. Write a note on role of B Lympho	cytes in immunity. 7
(S(=S(x))	g) mystesormaseus 2. Long ansverquestion (s

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Total Marks: 75

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Total Duration : Section A + B = 3 Hours

First Basic B.Sc. Nursing Examination, Summer 2017 ANATOMY AND PHYSIOLOGY

2) Do not write and If written any attempt to reso 3) All questions 3. 4) The number to 5) Draw diagram 6) Distribution of entire syllabus pattern is a new paper's syllabus that the Quest sake, the distribution of sake, the distribution of sake, the distribution of the continuous conti	hything on the blank portion of the question paper. Ithing, such type of act will be considered as an an ort to unfair means. The right indicates full marks. The within the stipulated frame. The Question paper is within the stipulated frame. The Question paper in any question paper. Students cannot claim the fine is out of syllabus. As it is only for the placement in answerbook for all Sections.
S	ECTION-A
	(Anatomy) (42 Marks)
	AND THE PERSON WITH THE PERSON WHEN THE PERSON
Short answer question (any six out of suits)	f seven): (6x5=30)
a) Boundaries and contents of axilla	
b) Interior of the right atrium	(1980)
(c) Sartorius muscle	Personal Value of the Control of the
d) Primary supports of uterus.	their stated borning and make the set seems to be
e) Differences between the small int	estine and large intestine.
f) Nerve supply of tongue.	TO HE HOLD SANDER WEST AND A STREET SANDER OF THE SANDER O
g) Morphological and functional divi	sions of cerebellum.
2. Long answer question (any one out	of two) : (1×12=12)
a) Describe rectus sheath under foll	
i) Definition and Features	3
ii) Formation	3
iii) Contents	
iv) Function and Applied anatom	
iv) i unction and Applied anatom	

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b) Describe left kidney under following heads:	
i) Anterior relations	3
ii) Posterior relations	3
iii) Arterial supply	2
iv) Venous drainage	2
v) Applied anatomy.	2
SECTION - B	
(Physiology)	(33 Marks)
3. Short answer question (any four out of five):	(4×5=20)
-a) Rh incompatibility. \	
——b) Puberty.	
c) Composition and Functions of Cerebrospinal Fluid (CSF).	
_d) Actions of Thyroid hormone. Add a note on Hyperthyroidism.	
e) Explain the mechanism of muscle contraction.	
4. Long answer question:	(1×13=13)
a) Describe the structure, synthesis and functions of Haemoglobin. Add a r	note on
On Anaemia. 86	6
b) Define Cardiac Output. Explain the factors regulating Cardiac Output.	7
OR STATE OF THE PARTY OF THE PA	
Long answer question :	(1×13=13)
c) Describe the Composition and Functions of Pancreatic juice.	6
<ul> <li>d) Describe transport of Oxygen from lungs to the tissues. Draw a neat labelled of Oxygen-Haemoglobin dissociation curve.</li> </ul>	d diagram
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### First Basic B.Sc. Nursing Examination, Winter 2016 ANATOMY AND PHYSIOLOGY

Total Duration: Section A+B = 3 Hours

Total Marks: 75

Instructions: 1) Use blue/black ball point pen only.

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- 3) All questions are compulsory.
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- 7) Use a common answerbook for all section.

SECTION - "A" (42 Marks)

(Anatomy)

1. Short answer question (any six out of seven):

- a) Endoplasmic reticulum.
- (1)b) Biceps brachii muscle.
  - c) Popliteal fossa. \
- a d) Define mediastinum Mention its division and enumerate contents of superior mediastinum
- Draw neat labelled diagram of posterior relations of right kidney.
  - if) Structure and functions of skin.
  - g)-Fibremuscular or mechanical supports of the uterus. T

2. Long answer question (any one out of two):

(1x12=12)

Describe pancreas under following heads

ii) Asbod supply

i) Relations

III) Applied anatomy

(3)

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b) Describe bones under following treads:  i) Classification  ii) Blood supply  iii) Applied anatomy.	(7) (3) (2)
SECTION – "B" (33 Marks)	
(Physiology)	
<ul> <li>3. Short answer question (any four out of five):</li> <li>a) Role of Skin in Temperature regulation.</li> <li>b) Composition and Functions of Saliva.</li> <li>c) Ovulation.</li> <li>d) Functions of cerebellum.</li> <li>e) Functions of Stomach.</li> </ul>	(4x5=20) —
4. Long answer question:  Define Haemostasis and write the functions of Platelets.  Enumerate the steps in Haemostasis. Describe the intrinsic pathway of Haemostasis.  OR	(1x13=13) - 6 f - 7
Long answer question:  c) Define GFR. Explain the factors affecting GFR  -d)-Explain briefly the counter current multiplier mechanism of Kidney.	(1x13=13). 6 - <del>7</del> _
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