

## B.Sc.(N) [1<sup>st</sup> Year] BF/2019/08

## Anatomy & Physiology [New Scheme w.e.f. 2006]

Time	: 3 Hours	Max Marks: 75
Note:	<ol> <li>Attempt all questions.</li> </ol>	
	2. USE SEPARATE ANSWER BOOK FOR EACH PART.	
	3. The Student must write separate Q.P. Code in the space provided on the tit.	le Page of the
	respective Answer Book. SECTION-A	[27 Morks]
OBC		[37 Marks]
	(a) Draw a labelled diagram of the Loga (Arcelor) Connective Tiggre	[2]
1. (i)	<ul><li>(a) Draw a labelled diagram of the Loose (Areolar) Connective Tissue.</li><li>(b) Discuss the types and structure of the Bones.</li></ul>	[2] [4]
	(c) Describe the structure of the Meninges.	[4]
	OR	[4]
(ii)	(a) Draw a labelled diagram of the section of the Eye.	[2]
()	(b) Discuss the structure of the Heart.	[4]
	(c) Describe the structure of the Spleen with diagram.	[4]
	Les strap partiet i sei tat toi de este parameter. Sinte detect et American i tre participation (Parameter)	
2.	(a) Draw a labelled diagram of the longitudinal section of the Stomach	[2]
	(b) Discuss the structure of the Larynx.	[4]
	(c) Describe the structure of the Liver.	[4]
3.	Describe in brief any <u>TWO</u> of the following:	$[2\frac{1}{2} \times 2 = 5]$
	(a) The structure of the Kidneys	
	(b) The structure of the Thyroid Gland	
	(a) The structure of the Kidneys (b) The structure of the Thyroid Gland (c) The structure of the Ovaries	
4.	Write Short Notes on any FOUR of the following:	[3x4=12]
4.	(a) Muscle Tissue (b) Paired Directional Ter	
	(c) Blood Groups (d) Portal Circulation	ins used in Anatomy
	(e) Pancreas (f) Gross Structure of the	Lung
	(i) Timereus (ii) Gress su deture et une	Lung
	SECTION P	129 Mankal
OBC	SECTION-B	[38 Marks]
<u>Q.P C</u>	ode: BNN102 SECTION-B [PHYSIOLOGY]	[38 Marks]
NIESCO.	ode: BNN102 [PHYSIOLOGY]	• 0 70 had been early broad of
<b>Q.P C</b>	(a) Write the functions of Membranes.	[2]
NIESCO.	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue.	[2] [4]
NIESCO.	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue. (c) Describe the functions of the Vertebral Column	[2]
1. (i)	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue. (c) Describe the functions of the Vertebral Column OR	[2] [4] [4]
1. (i)	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue. (c) Describe the functions of the Vertebral Column	[2] [4]
1. (i)	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue. (c) Describe the functions of the Vertebral Column OR  (a) Explain physiology of Hearing.	[2] [4] [4]
1. (i) (ii)	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue. (c) Describe the functions of the Vertebral Column OR  (a) Explain physiology of Hearing. (b) Discuss the conducting system of the Heart. (c) List the types of Nerves and describe the functions of Nerves.	[2] [4] [4] [2] [4]
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1. (i) (ii) 2.	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue. (c) Describe the functions of the Vertebral Column OR  (a) Explain physiology of Hearing. (b) Discuss the conducting system of the Heart. (c) List the types of Nerves and describe the functions of Nerves.  (a) Describe the functions of Pharynx (b) Discuss the functions of Stomach. (c) Explain the functions of the Anterior Pituitary Gland	[2] [4] [4] [2] [4] [4] [2] [4] [4]
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1. (i) (ii) 2. 3.	(a) Write the functions of Membranes. (b) Discuss the development of the Bone Tissue. (c) Describe the functions of the Vertebral Column  OR  (a) Explain physiology of Hearing. (b) Discuss the conducting system of the Heart. (c) List the types of Nerves and describe the functions of Nerves.  (a) Describe the functions of Pharynx (b) Discuss the functions of Stomach. (c) Explain the functions of the Anterior Pituitary Gland  Describe in brief any TWO of the following: (a) Functions of the Uterus (b) The Blood Clotting (c) Functions of the Lymph Nodes	[2] [4] [4] [2] [4] [4] [2] [4] [4] [2] [4] [4] [5] [4] [5] [7] [8] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9
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