X.	E CE	BANK	Duration	: 3 hours	BIR		(Total Marks: 75)		
N.B. 1. All questions are compulsory 2. Figures to the right indicate full marks.									
.O.T.	2. Figures to	o the righ	t indicate fi	ill marks.	20 No				
,	·OF	A. T. T.	E CONTRACTOR OF THE PROPERTY O	B.	D'	Cho .c			
QI	Choose the	7	× ×	ASQ		ر.	20 M		
1)			- /x.	ents seen v	25	\sim	viewed externally.		
90	a. Thoraci	2017	2	₽ţ.	X/_	l enlargem	O' A		
	c. Caudal enlargement			d. Sacral enlargement					
7	in the second	,	S) SOF	287	\$				
2)	cells s	ecrete int	rinsic factor	for vit B12	absorption.	S	By D		
	a. Chief	b. Pa	rietal c.	Mucous ne	ck d.	G×			
	AP 06		So So		ST ST	, AT			
2) The additional volume of air inhaled by taking a deep breath is									
10,	a. Inspirat	ory capac	ity		b. Inspira	ntory reserv	ve volume		
	c. Expirato	ory reserv	e volume	Y (d. Vital c	apacity	3 3 × ×		
	A G	, ,	A Sep	NO.	200		COT OFFI		
4)]	Kidneys prod	uce the tv	vo hormones		and				
X.	a. Thymos	sin and Ca	alcitriol		b. Glucoco	orticoids ar	nd erythropoietin		
	c. Calcitric	ol and ery	thropoietin	AV	d. Thymos	sin & Gluc	ocorticoids		
ی و	A SE	N. W.	i i	B	50,	Chor	Sy' Sy'		
5) _	is a	an examp	e of Exocrin	e gland	20	000	The Share		
^	a. Sudorife	erous	b. Thymus	c. Pan	creas	~ 1	d. Ovaries		
	Sy Sy		St. 32	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		VE			
6) l	Fluid secreted	l by the so	eminal vesicl	es normall	y constitute:	s about	of the		
6	volume of s	emen.		COL	at Ai	3	By D		
	a. 40 %		b. 50 %		c. 60 %	77	d. 100 %		
N. Y	D' CX	چ کا			960	MA			
<u>(7)</u>	70	is the neu	roglia which	acts as ph	agocytes in	CNS.	The state of the s		
57	a. Oligode	ndrocyte	b. Astrocy	te c. Mic	roglia d.	Schwann c	ells		
		, ,	375		,	EDT	24 P.		
8) l	During the	F	hase of dige	stion, the si	mell, sight,	thought, or	initial taste of food		
activates neural centers.									
	a. Gastric	b. Ce	phalic c.	Intestinal	d. Mechan	ical	D' STO		
25	E STATE	Š	B	VED N			8933		

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THE SET WELL SHELL
9) The basic rhythm of respiration is controlled by area.
a. Pneumotaxic b. Apneustic
c. Medullary rhythmicity d. Cough reflex
10) Voiding Phase means.
a. Transfer of materials from peritubular capillaries to renal tubular lumen
b. A relaxed bladder in which urine slowly fills in bladder
c. A contracted bladder that forces the external sphincter open and discharges urine through
the urethra
d. Solutes and water are removed from the tubular fluid and transported into the blood
11) Thyroid-stimulating hormone is secreted by glands
a. Thyroid b. Parathyroid c. Pituitary d. Adrenal
12) produces progesterone, estrogens, relaxin, and inhibin hormone
a. Corpus luteum b. Corpus albicans
c. Corpus haemorrhagicum d. Germinal epithelium
The training of the Charles the state of the
13) Which of these is an accessory reproductive gland in male mammals
a. Thyroid b. Ovary c. Gastric gland d. Prostate gland
The state of the s
14)hormone is thought to promote sleepiness
a. Thymosin b. Melatonin c. Inhibin d. Glucocorticoids
The state of the s
15) The parts of the female reproductive system is homologous to the
glans penis in males.
a. Labia minora b. Labia majora c. Clitoris d. Mons pubis
ALL ST. SE. SE. SE. SE. SE. SE. SE. SEL SEL SEL
is the inhalation and exhalation of air and involves the exchange of air
between the atmosphere and the alveoli of the lungs.
a. Pulmonary ventilation b. Internal respiration
c. Tissue respiration d. External respiration
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17) The four layers of GI tract from deep to super	rficial are
a. mucosa, submucosa, muscularis, and seros b. submucosa, muscularis, mucosa and serosa c. muscularis, mucosa, submucosa, and seros	a de Brand
d. serosa, mucosa, submucosa and muscularis	AP SOLE SE BY
18) Which of these areas is the association area in	the cerebrum?
a.Broca's speech area	b. Primary visual area
c. Primary auditory area	d. Wernicke's area
19) A dome shaped portion superior to the utering	e tubes is called as
a. Body b. Fundus c. Cervix d. Vagina	September 1997
20) Contraction of the dartos muscle causes the se	crotum to become tight which
a. Reduces heat loss	b. Absorb body heat
c. Produce sperm	d. Helps in sperm maturation
II Answer the following (Any 2 out of 3)	20 M

- 1. Draw a neat labelled diagram of a neuron. Explain the phases of action potential generation in neuron.
- 2. Draw a neat labelled diagram of the respiratory system and write a note on respiratory centers.
- 3. Define and classify hormone and describe location and structure of thyroid gland, synthesis, release and storage of thyroid hormones.

III Answer the following (Any 7 out of 9)

35 M

- 1. Describe the anatomy and structure of the cerebrum.
- 2. Write in detail the composition, function and formation of Cerebrospinal fluid.
- 3. Draw a neat labelled diagram of histology of the small intestine, and mention the anatomical parts of the small intestine.
- 4. Mention the phases of digestion and describe any two in detail.
- 5. Define Pulmonary ventilation and explain the mechanism of inhalation.
- 6. With the help of neat labelled diagram explain the structure of the urinary bladder.
- 7. Elaborate in detail pancreas as endocrine gland and exocrine gland and describe the regulation of insulin and glucagon secretion.
- 8. Enlist the organs involved in the female reproductive system and describe histology of the ovary.
- 9. Explain in detail various ducts of the male reproductive system.

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