Shri R. P. Chordiya Hospital & Bhamashah, Shri V. D. Mehta Dev-Vijay P.G. Institute of Homoeopathy & Research Centre, Neminagar, Chandwad Dist. Nashik - 423101

TERM END EXAMINATION (WINTER 2022)

YEAR: - I B.H.M.S.(2015)

Sub:- Physiology including Biochemistry –I Marks :- 50 Time: - 1hr & 30 min.

Q.1) Multiple choice questions

(1x10=10)

1. Blood volume can be measured by

a) Evans blue

- b) Radio labeled plasma protein
- c) Radio labeled chromatin
- d) All of the above

2. Ratio of RBC to Plasma is

- a) Haemocytometer b) Hematocrit value
- c)Blood volume d) R.B.C.count

3. ESR increases in all except

- a) Rise in O2
- b) Rise in CO2
- c) Rise in cholesterol
- d) Rise in fibrinogen

4. In which stage Hemoglobin first appears in erythripoisis

- a) Reticulocytes
- b) Hemocytoblast c) Intermediate normoblast d) Late normoblast
- 5. Decrease in platelet count result in
 - a) Hemophilia
- b) Purpura
- c) Anaemia
- d) Polycythemia

6. Synthesis of HB requires

a) First class protein b) Vit.C & B12 c) Metals ,Iron & cu d) All of the above

7. Iron absorption from gut is

- a) Proportional to iron excretion b) Depressed by exposure to gastric acid
- c) Continuous even in the presence of excess amount of stored ion
- d) Independent of iron stored in the body

8. Blood volume increase in all except

a) Pregnancy b) Hemorrhage c) Muscular exercise d) emotional excitement.

9. Failure of bone marrow results in which type of anemia

a) Hemolytic b) Hemorrhagic c) Aplastic d) Sickle cell

10. Contractile protein of platelets is

a) Thromothenin b) Syneresis c) Chromatomere d) Hylomere

Q. 2 Write short notes on (Any 2)

(5x2=10)

- a) ESR
- b) Platelet
- c) Composition of Blood

Q.3 Write any one

(10x1=10)

- a) Regulation of Blood volume
- b) Hemostasis

O.4 Write any one

(20x1=20)

- a) Erythropoiesis, Stages, factors required and applied physiology
- b) WBC, morphology, genesis and functions.

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TERM END EXAMINATION (WINTER 2022)

YEAR: - I B.H.M.S.(2015)

Marks :- 50 Sub:- Physiology including Biochemistry –II Time :- 1hr & 30 min.

O 1) multiple chaice gues	tions		(0)	1×10-20\
Q.1) multiple choice quest 1)Anterior pituitary secre	(01x10=20)			
A) Luteinizing hormone		licle stimulating ho	rmone	
	elanocyte stimulati			
2) Following is not steroid	· · · · · · · · · · · · · · · · · · ·	cianocyte stimulati	ing normone	
A) Adrenal corticoids B)		C) Follicle stimula	ting hormone	D) Estrogen
3) Auerbach Plexus in inte		c) i onicic stirridia	ting normone	D) Littogen
A) Serous layer	Stille lies	B) Sub muscular l	aver	
	ngitudinal laver	D) Beneath tunica muscularis layer		
4) Following one test which	•	•	a mascalaris lay	Ci
•		protein bound stud	dv D) blo	od glucose level
5)for milk let do		protein boaria stat	2, 5,5,6	ou Blacose level
	rolactin	C) ADH	D) Thyroxi	n
6) Ovulation is		0,7.12.1.	2,,.	•
A) Maturation of Graffian	follicle	B) release of ovur	m from Graffian	follicle and lodge in
abdominal cavity		g ovum by sperm		-
7)Myxedema is due to	,,	, ,	,	
A) Hyposecretion of thyroid hormones		B) Hypersecretion of Thyroid hormones		
C)Hyposecretion of corticosteroids		D) Hypersecretion of corticosteroids		
8)Corpus Luteum is				
A) Matured follicle		B) Yellow body in	cavity of Graffi	an follicle C)Primordia
follicle		D) Ruptured Graf	fian follicle	
9) Following are the funct	ions of ADH			
A) Vasoconstriction		B) water reabsorption		
C) Controlling Blood pressure		D) All of the above		
10) Hormones of adrenal	gland are			
A) Aldosterone	B) Cortisol	C) cortisone	D) None of	f the above
Q.2) write short answers (any two out of	four)		(5x2=10)
A) Enteric nervous system B) Add		dison's diseases		
C)Estrogen and progestero	one D) fun	ctions testosterone	e	
Q.3) Long answer question		· ·		(10x1=10)
A) Describe regulation of I	_			
B) Describe spermatogene	esis			
Q.4) Long answer question				(20x1=20)
A) What is thyroid gland?			d, its synthesis,	functions , regulation
of secretion .add a note or	n applied importa	ance		

B) Describe menstrual cycle -ovarian and uterine changes with hormone regulation

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TERM END EXAMINATION (WINTER 2022)

YEAR: - I B.H.M.S.(2015)

Sub:- Homoeopathic Pharmacy Marks :- 50 Time :- 1hr & 30 min. Q.1) multiple choice questions (01x10=10)1) Homoeopathic Pharmacopoeia Committee appointed by central Government of India in 1962 under whose Chairmanship? a.Dr K. P.Mujumdar b.Dr B. K. Sarkar c.Dr Mrs InduVaid d.Dr Diwan Harishchandra 2) Who wrote a treatise known as 'Canon' a.Ibn Sinna b.Abu Mansur c. Both A &B d. None of above 3) To calculate moisture content....this instrument is used. a. Waterbath b.Balance c. Mortar &pestle d. Pycnometer. 4) Chemical formula of Alcohol is.... .a.C6H12CH b.C2H5OH c.CH3O2 d.AL 5) Cones are prepared with cane suger&.... b. MILK d. Alcohol a.Egg albumin c.Friuts 6) Collection of drugs substances are given inaphorism of Organon of Medicine a.Aphor.238&226 b.Aphor.124&126 c.Aphor.234&236 d.Aphor. 264&266 7) Asteria rubens should be collected by a.fishing b.hunting c.cultivating d.None of above 8) Arsenic & Antimony are the medicines prepared from b.Metalloids c.Nonmetals d.Metals 9) Following medicines are prepared from fish except a.Tarentula b.sepia c.pyrara d.murex 10) Specific Gravity of Strong Alcohol is....... a.0.816 b.0.891 c.0.845 d.0.792 (5x2=10)Q. 2. Answer the following question (any 2 out of 4) a) Nosode b) A.H.P. c) Speciality& Originality of Hom. Pharmacy. d) Sublimation Q. 3 Long answer question (Any 1 out of 2) (1x10=10)

- a) Write down in detail about Globules, its source, preparation, measurement of size & medication in detail.
- b) Write down the taxonomical classification & example of plant kingdom as source of Homoeopathic drugs.

Long answer question (any 1 from Q. No. 4, 5)

(1x20=-20)

- Q. 4.DefineVehicle.Explain in detail about Source, preparation, purification & Purity tests for Suger of milk.
- Q. 5. What are the sources of hom drugs explain in detail about
 - a)Sarcodes b)Animal Kingdom c)Imponderabilia d)Mineral Kingdom.

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Marks :- 100

C) Gluteus maximus & erector spinae

TERM EXAMINATION (WINTER 2022)

YEAR: - I B.H.M.S.(2015)

Time :- 3.00 Hrs

Sub:- Anatomy –I & II Q.1) Multiple choice questions (1x20=20)1 The boundaries of Anatomical Snuffbox include the following EXCEPT: A] Abductor pollicis brevis B] Extensor pollicis longus C] Extensor pollicis brevis D] Abductor pollicis longus 2 following are the structures attached to the greater tubercle of the Humerus, EXCEPT A] Supraspinatus muscle B] Infraspinatus muscle C] Subscapularis muscle D] Teres minor muscle 3 Which of the following is not a branch of posterior cord of brachial plexus? B] Axillary nerve A] Ulnar nerve C] Radial nerve D Thoracodorsal nerve 4 All of the following nerves comes in close contact with the Humerus EXCEPT C]Radial Al Ulnar B1 Median Cl Axillary 5 In carpal tunnel syndrome, the nerve most likely to be involved is A] Ulnar B |Radial C | Median D] Axillary 6 The following bones form distal row of carpal bones EXCEPT A] Trapezium B] Triquetral C] Trapezoid D] Capitates 7 The muscle that form the medial wall of Axilla is A] Serratus anterior B] Pectoralis major C] Subscapularis D] Lattissimus dorsi 8 The structure that passes superficial to the flexor retinaculum is Al Median nerve Bl Ulnar nerve C] Tendon of flexor digitorum superfialis D] Tendon of flexor pollicis longus 9 Lateral boundary of cubital fossa is formed by which muscle? B] Brachioradialis A] Biceps brachii C] Brachialis D] Extensor carpi radialis longus 10] Which of the following bone is a sesamoid bone? A] Pisiform B] Scaphoid C] Triquetral D] Hamate 11) Which part of Hip bone is used for taking bone marrow biopsy in anaemia or leukaemia B) iliac crest D) PSIS A) Ilium C)ASIS 12) Patella is developed in the tendon of A) Rectus femoris B) Quadriceps femoris C) Vastus medialis D) Vastus intermedius 13) Which is the longest superficial vein in lower limb A) Long saphenous B) Popliteal c) Femoral D) None of above 14) Which one of the following makes lateral boundary of femoral triangle A) inguinal ligament B) Adductor longus C) Medial border of Sartorius D) Pectineus 15) Femoral hernia is more common in female due to A) wider pelvis B) Smaller size of femoral vessels C) Femoral canal is wider D) All of the above 16) Which of the following is hybrid muscle? B) Adductor magnus C) Adductor longus D) Adductor brevis A) Gracillis 17) Intramuscular injections in upper & lateral quadrant of of gluteal region are given in A) Gluteas maximus &minimus B) Gluteus medius

D) Gluteus maximus

18) Which muscle is not und A) Piriformis B) qua		eus maximus C) Sartorius D) Ol	hturator internus	s with two gamelli	
19) Which muscle is the mos				y with two gamenn	
	turator internus			D) Soleus	
20) Blood pressure in lower l	imb is recorded	which artery			
A) Internal pudendal	B) popliteal	C) Tibial	D) Fe	emoral	
Q.NO.2 Write short answer	(Any four out	of six)		(4×5=20)	
A] Synovial joint	B] Name the superficial muscles of flexor con			mpartment of forearm	
C] Cubital fossa	D] Lymphatic drainage of mammary gland				
E] Axilla	F] Biceps Brachii muscle				
Q No 3) Write short answer	(Any four out	of six)		(4×5=20)	
A) Patella & it's all attachme	nt I	3) Great Saphenous	vein		
c) Adductor Canal	I	D) Sciatic Nerve			
E) Sartorius	I	F) Gluteus Maximus	3		
Q. No 4) Long Answer Que	stion (Any two o	out of four)		$(2x\ 10=20)$	
A) Describe Femoral Triangle	e in detail				
B) Explain Popliteal Fossa in	n detail				
C) Enumerate details of Femo	oral Artery				
D) Describe Hamstrings Mus	cle in detail.				
Write Long Answer Question	ons (any 1 from	O. No. 5, 6 & 7)		(1x20=20)	
				(11110 10)	
Q.NO.5) Describe in detail the OR	ne anatomy of M	edian nerve?			
Q.NO.6] Describe the anator OR	ny of Shoulder jo	oint?			
Q.NO.7] Describe in detail the	ne anatomy of A	xillary arterys			

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Sub:- Anatomy –I

Marks :- 100

TERM EXAMINATION (WINTER 2022)

YEAR: - I B.H.M.S.(2015)

Time :- 1hr & 30 min

		-	
Q.1) Multiple choice	questions		(1x10= 10)
1 The boundaries of .	Anatomical Snuffbox	include the following	EXCEPT:
A] Abductor pollici	s brevis	B] Extensor pollicis	longus
C] Extensor pollicis	brevis	D] Abductor pollici	s longus
2 following are the st	tructures attached to	the greater tubercle of	the Humerus, EXCEPT
A] Supraspinatus m	uscle	B] Infraspinatus mu	iscle
C] Subscapularis mu	scle	D] Teres minor mus	cle
3 Which of the follow	wing is not a branch of	of posterior cord of bra	chial plexus?
A] Ulnar nerve	B] Axillary nerve	C] Radial nerve	D Thoracodorsal nerve
4 All of the followin	g nerves comes in clo	ose contact with the Hu	merus EXCEPT
A] Ulnar	B] Median	C] Axillary	C]Radial
5 In carpal tunnel syr	ndrome, the nerve mo	st likely to be involved	is
A] Ulnar	B]Radial	C]Median	D] Axillary
6 The following box	nes form distal row	of carpal bones EXCEF	PT
A] Trapezium	B] Triquetral	C] Trapezoid	D] Capitates
7 The muscle that for	rm the medial wall of	Axilla is	
A] Serratus anterior	B] Pectoralis major	C] Subscapularis	D] Lattissimus dorsi
8 The structure that p	basses superficial to th	he flexor retinaculum is	1
A] Median nerve		B] Ulnar ner	ve
C] Tendon of flexor	digitorum superfialis	D] Tendon o	f flexor pollicis longus
9 Lateral boundary o	f cubital fossa is form	ned by which muscle?	
A] Biceps brachii	B] Brachioradialis	C] Brachialis D] E	xtensor carpi radialis longus
10] Which of the foll	lowing bone is a sesan	moid bone?	
A] Pisiform	B] Scaphoid	C] Triquetral	D] Hamate
Q.NO.2 Write short	t answer (Any four o	out of six)	(4×5=20)
A] Synovial joint	B] Name the	e superficial muscles of	flexor compartment of forearm
C] Cubital fossa	D] Lymphat	tic drainage of mamma	ry gland
E] Axilla	F] Biceps B	rachii muscle	
Write Long Answer	· Questions (any 1 fr	rom Q. No. 3, 4 & 5)	(1x20=20)
			,
Q.NO.3) Describe in	detail the anatomy o OR	f Median nerve?	
Q.NO.4] Describe th	ne anatomy of Should OR	er joint?	
Q.NO.5] Describe in	detail the anatomy o	f Axillary arterys	

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Sub:- Anatomy -II

Marks :- 100

TERM EXAMINATION (WINTER 2022)

YEAR: - I B.H.M.S.(2015)

Time :- 1hr & 30 min

Q.1) Multiple choice	questions				(1x10= 10)
11) Which part of Hip	bone is used for takin	g bone	marrow biopsy in ana	emia or l	leukaemia
A) Ilium	B) iliac crest		C) ASIS	D) PSI	S
12) Patella is develope	ed in the tendon of				
A) Rectus femoris	B) Quadriceps femori	S	C) Vastus medialis	D) Va	stus intermedius
13)Which is the longe	est superficial vein in lo	ower lin	nb		
A) Long saphenous	B) Popliteal		c) Femoral	D) Nor	ne of above
14) Which one of the	following makes latera	al bound	lary of femoral triangl	le	
A) inguinal ligament	B) Adductor longus	C) Me	edial border of Sartorio	ıs	D) Pectineus
15) Femoral hernia is	more common in fema	ile due t	0		
A) wider pelvis B) Si	maller size of femoral	vessels	C) Femoral canal is v	wider D)	All of the above
16) Which of the follo	owing is hybrid muscle	?			
A) Gracillis	B) Adductor magnus	S	C) Adductor longus	D) Ad	ductor brevis
17) Intramuscular inje	ections in upper & later	ral quad	rant of of gluteal region	on are gi	ven in
A) Gluteas maximus	&minimus		B) Gluteus medius		
C) Gluteus maximus & erector spinae D) Gluteus maximus					
18) Which muscle is	not under cover of Glu	iteus ma	aximus		
A) Piriformis	B) quadratus femoris	C) Sar	torius D) Obturator	internus	with two gamelli.
	the most powerful & bu				
. •	B) obturator internus		•	oris	D) Soleus
•	lower limb is recorded	l which	<u>*</u>		
A) Internal pudendal	B) popliteal		C) Tibial	D) Fe	noral
Q No 2) Write short	answer (Any four out	t of six)			(4×5=20)
A) Patella & it's all at	ttachment	B) Gre	at Saphenous vein		
c) Adductor Canal		D) Scia	atic Nerve		
E) Sartorius		F) Glu	Gluteus Maximus		
Q. No 3) Long Answ	er Question (Any two	out of	four)		$(2x\ 10=20)$
A) Describe Femoral	Triangle in detail				
B) Explain Popliteal	Fossa in detail				
C) Enumerate details	of Femoral Artery				
D) Describe Hamstrin	ngs Muscle in detail.				