ASSIGNMENTS



AFILIATED TO ACHARYA NAGARJUNA UNIVERSITY

ACCREDITED BY NAAC WITH A GRADE

CHALAPATHI NAGAR, LAM, GUNTUR-522034.

COURSE NAME : PATHOPHYSTOLOGY.

COURSE CODE : PDQ.1.

PROGRAMME : 11/11 PHARM-D.

ACADEMIC YEAR : 2021-2022.

DEPARTMENT : PHARMACY PRACTICE.

ASSIGNMENT NUMBER : 02.

REGISTER NUMBER : Y20PHDOI&5.

SUBMITTED BY : P. YAMUNA PRIYA.

SUBMITTED TO : K. SANDEEP STR.

SUBMISSION DATE : 10-6-9089

REMARKS : Valunt on 2 10 sepse

STUDENT SIGNATURE EVALUATOR'S SIGNATURE

P. Yamuna Priya.

CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES

AUTONOMUS

AFILIATED TO ACHARYA NAGARJUNA UNIVERSITY

ACCREDITED BY NAAC WITH A GRADE

CHALAPATHI NAGAR, LAM, GUNTUR-522034



SUBMITTED BY

: N. Mukesh reddy

REGD NO

: Y20BPH0576

COURSE NAME

: Medicinal chemistry-I

COURSE CODE

: BP 402T

PROGRAMME

: 1/1v B. Phosmacy

ACADEMIC YEAR

: 2021-2022

SEMESTER

:14

DEPARTMENT

: Department of Pharmaceutical analysis

ASSIGNMENT NO

:01

SUBMISSION DATE

: 1-08-22

SUBMITTED TO

: Ms. A. Aneesha xani

EVALUATOR'S SIGNATURE

N. Mukesh reddy//

M. preethika

Station 2: Functions and Connective Tissues

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2STRUCTV OF F and Framework
VI 3 L
*C / Pc / U
BRAIN OUT N
B R BF G
1 TENDIONS
o Ne
MA 8 8 0 W
9
MInerals
n Nothern
Ray + 11 d g e
najor job of your skeletal system is 1. Cartilage helps to reduce

Across

2. One m to provide a strong naveable capable of Structure and frame work

5. The brain _ is protected by the skull.

7. tough bands of tissue that attach your muscle to bones - Tendons

9. What is the soft tissue in the center of your bones? - Marrow

10. Bones store __minerals as calcium and phosphorus.

11. connective tissue that helps connects the bones at each joint - (billage)

Ligaments

criction

during movement. 3. These organs, which help you breathe, are protected by the ribs. Lungs

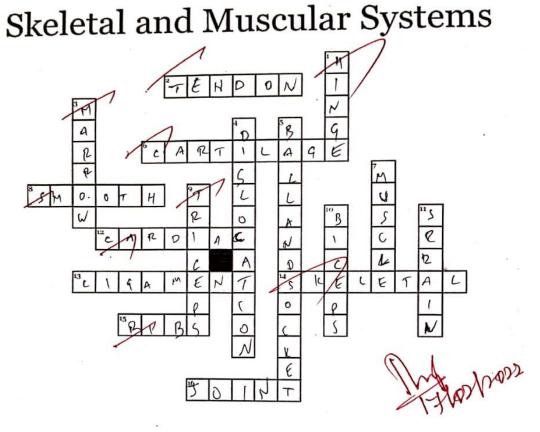
4. Which connective tissue cushions your joints? - cartilage

6. Red bone marrow make millions of Blood cells every day.

Another function of the skeletal system is to protect your body's delicate organs

CROSSWORD PUZZLE

Name: M. Bhangara Reddy YZIRPHORO Date: 17 10/2002



Across

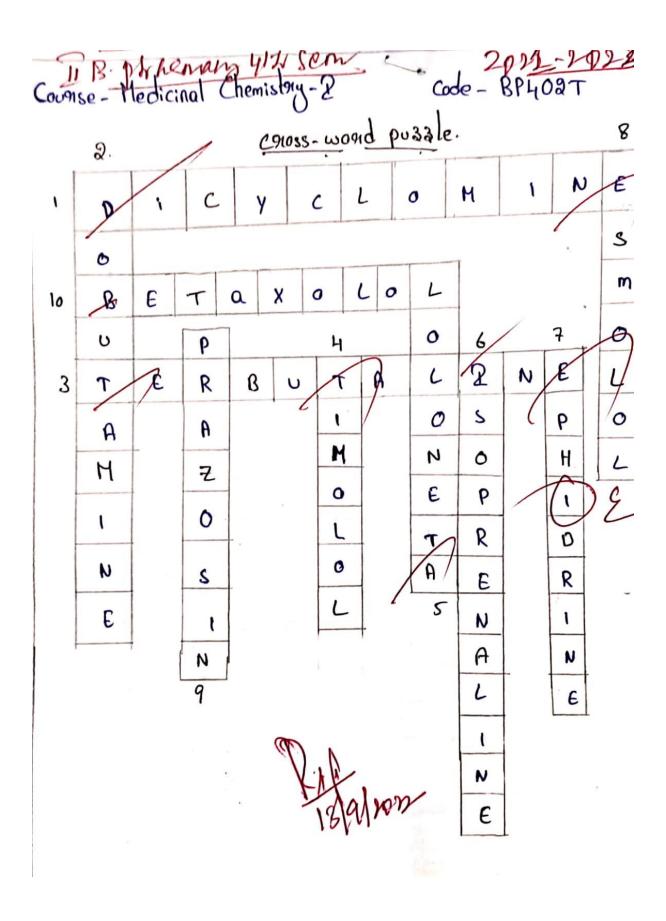
- 2. connects bone to muscle
- 6. flexible connective tissue that makes up our nose and ears
- 8. type of muscle that is involuntary; controls breathing, bp, and digestion
- 12. muscle tissue found in the heart
- 13. connects bone to bone

- 14. type of muscle that is voluntary and striated
- 15. protects the lungs and other vital organs
- **16.** place where bones come together

Down

- 1. type of joint found in the knee and elbow
- 3. helps make red and white blood cells
- 4. occurs when a bone is forced out of its joint
- 5. Joint found in the shoulder and hip
- 7. only type of tissue that is able to contract
- 9. back of the arm muscles
- 10. front of the arm muscles
- 11. occurs when ligaments or tendons are pulled beyond their normal range

CROSSWORD PUZZLE



MINOR RESEARCH PROJECT



CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES

AUTONOMOUS

(Affiliated to ACHARYA NAGARJUNA UNIVERSITY)

Accredited by NAAC with 'A+' Grade and Accredited by NBA (B.Pharmacy)

LIST OF STUDENTS ENROLLED FOR MINOR PROJECTS FOR THE ACADEMIC YEAR 2021-2022

Sl.No.	Name of the Student		Year of study	Name of the Faculty (Research Guide) & Research topic
01	P.Ramya Sri	Y19BPH0573	III	T.Joshi Anand
	B.Harisha	Y19BPH0528	B.Pharmacy	Herbal Migrane
	Sk.Sajid	Y19BPH0514		Balm
	B.Dinesh	Y19BPH0518		
02	K.Swethanjali	Y19BPH0552	III	T.Joshi Anand
	G.Harshitha	Y19BPH0537	B.Pharmacy	Herbal Crack
	D.Pravallika	Y19BPH0503		Cream
	P.Madhuri	Y19BPH0513		
03	R.Siva Teja	Y19BPH0579	III	T.Joshi Anand
	P.Praveen	Y19BPH0567	B.Pharmacy	Herbal mosquito
	P.Narendra	Y19BPH0570		repellent cream
	P.Pundarikakshayya	Y19BPH0571		
04	R.Mounica	Y19BPH0582	III	T.Joshi Anand
	A.Sivani	Y19BPH0587	B.Pharmacy	Anti dandruff gel
	T.Lasya Priya	Y19BPH0592		V477
	P.Yasaswi Sowbhagya	Y19BPH0602		
	S.N.R.V.L.Tejaswi	L20BPH0606		
05	K.Sai Lakshmi		III	T.Joshi Anand
	Ch.Ramya Sri		B.Pharmacy	Herbal Analgesic (Powder)
06	M.Sravani	Y18BPH0568	IV	T.Sreenu
	K.Harsha Vardhini	Y18BPH0557	B.Pharmacy	Herbal Hair Oil
	K.Leela Lahari	Y19BPH0555		(Multi-purpose)
	M.L.V.N.Akhila	Y18BPH0562		,
07	A.Naga Latha	Y18BPH0571	IV	T.Joshi Anand
	Sk.Shaheena Sultana	Y18BPH0592	B.Pharmacy	
	T.Bala Nividha Reddy	Y18BPH0596		(Economy)
08	T.Naga Sai Sushma	Y18BPH0516	IV	Dr.N.Rama Rao
	B.Manju Bhargavi	Y18BPH0529	B.Pharmacy	
09	Ch.Sai Deepika	Y18BPH0534	IV	Dr.N.Rama Rao
	D.Naga Deepthi	Y18BPH0540	B.Pharmacy	Design and
	G.Praveena	Y18BPH0546		development of herbal formulation to treat Alzeimeer' Disease
10	P.Aiswarya	Y19BPH0574	III	T.Joshi Anand
	S.Leela Lakshmi	Y19BPH0588	B.Pharmacy	
	B.Sri Lakshmi	Y19BPH0526	1	capsules
	V.Sri Gayathri	Y19BPH0596		

MINOR RESEARCH PROJECT

11	B.Meghana	Y19BPH0527	fil	T.Joshi Anand
		Y19BPH0544	B.Pharmacy	Herbal Tooth Decay
		Y19BPH0545		Pain Relief Gel
	K.Phanindra	Y19BPH0549		17 ASSESSED TO THE CO.
12	P.Vikash	Y20MPHRA46	II	Y.Koushik
		9	M.Pharmacy	Ging Pure
				(Immune Booster)
13	K.Ramya Haritha	Y19BPH0556	III	T.Joshi Anand
	P.Rupanjali	Y19BPH0577	B.Pharmacy	Anti acne herbal
	N.Akhila	Y19BPH0560		cream
	K.Vaishnavi Devi	Y19BPH0554		10, 600
	R.Bhanu	Y19BPH0581		,
14	M.Tarani	Y18PHD0115	IV Pharm.D	G.Siva Bharath
	G.Kavya	Y18PHD0107		Organic candle
15	K.Sireesha	Y18PHD0109	IV Pharm.D	Asiya Begum
	B.Arnica	Y18PHD0101		Herbal Hand
				Sanitizer
16	V.Haritha Devi	Y21mphpy447	I	T.Sreenu
	P.Chaitanya Sai	Y21mphpy446	M.Pharmacy	Herbal pain balm
17	G.Sai Pravallika	Y19BPH0535		T.Joshi Anand
	J.Nithisha	Y19BPH0547	III	
	Ch.Sai Kiran	Y19BPH0530	B.Pharmacy	Lipbalm
	J.Badrinath	Y19BPH0548		
18	B.Satish	Y19BPH0519	III	T.Joshi Anand
	A.Phanindra Kumar	Y19BPH0502	B.Pharmacy	Natural Hair Dye
	D.Naga Nitish	Y19BPH0533		
	G.Suresh Kumar	Y19BPH0541		
19	G.Geethika	Y19BPH0534	III	T.Joshi Anand
			B.Pharmacy	Herbal Cream for
			ļ	Dark Circles
20	Y.Preeti	Y19BPH0600	III	T.Joshi Anand
	Sk.Ashrafunnisa	Y19BPH0584	B.Pharmacy	
	Y.Revathi	Y19BPH0604	4	Facial Cream
	Sk.Moina	Y19BPH0586		
21	P.Meghana	Y19BPH0566	III	T.Joshi Anand
	K.Leela Lahari	Y19BPH0555	B.Pharmacy	
	V.Akhila	Y19BPH0595		patches for
	Y.Lasya Chowdary	Y19BPH0601		Menstrual cramps
22	D.Swetha	Y19BPH0532	III	T.Joshi Anand
	A.Sravani	Y19BPH0516	B.Pharmacy	
	K.M.Amruthavarshin			Neutraceutic
	P.Sreya	Y19BPH0568		al
23	Ch.Priyanka	Y19BPH0529	III	T.Joshi Anand
	Ch.Supriya	Y19BPH0531	B.Pharmacy	Immuno booster
	K.Ravi Teja	Y19BPH0551		capsules
	K.Sasidhar	Y19BPH0553		
24	V.Gayathri	Y19BPH0515	III	T.Joshi Anand
	B.Sai Hanumanthu	Y19BPH0520	B.Pharmacy	
	Harish			Cold Syrup
	G.Navya	Y19BPH0538		7
	G.Surekha	Y19BPH0541		
25	V.Yogaswi	Y19BPH0594		T.Joshi Anand
20	V.Karthikeya	Y19BPH0505		
				Dry Shampoo
	B.Rohitha	Y19BPH0521		Dry Snamnoo

MINOR RESEARCH PROJECT

26	G.Namitha	Y19BPH0542	111	T.Joshi Anand
	K.Anudeepthi	Y19BPH0508	B.Pharmacy	Body Scrub
	K.Maina deepika	Y19BPH0509		Secretary of the secret
	P.Sri Lakshmi	Y19BPH0565		
27	K.Nataraja Rao	Y19BPH0562	III	T.Joshi Anand
	N.Narasimha	Y19BPH0563	B.Pharmacy	Anti dandruff ha
	Rao		J. Harmacy	oil
	U.Anil	Y19BPH0593		Oli
	Sk.Azees	Y19BPH0585		
	K.Vishnuvardhan	Y19BPH0507		
28	B.Satish	Y19BPH0519	III	T.Joshi Anand
			B.Pharmacy	Harbal Pain Oil
29	G.B.N.Siva Sai Teja	Y19BPH0523	III	The second secon
	G.Nitesh	Y19BPH0564	B.Pharmacy	T.Joshi Anand
	V.N.V.Sainadh Reddy	Y19BPH0597	b.i narmacy	Herbal
	V.Karthikeya	Y19BPH0505		psoriasis
30	J.Badrinath	Y19BPH0548	III	ointment
		1 1 7 5 1 110 3 40	III R Pharma	T.Joshi Anand
31	P.Sree Geetha	Y19BPH0569	B.Pharmacy	Herbal Mouth was
	Vaishnavi	12751 11050)	III	T.Joshi Anand
	P.Naga Bhargavi	Y19BPH0578	B.Pharmacy	
	N.B.Tripura Sundari	Y19BPH0561		Bitter tonic syrup
	M.V.Sonu	Y19BPH0559		
32	G.B.N.Siva Sai Teja	Y19BPH0523		- N = -
	G.Nitesh	Y19BPH0564	III	T.Joshi Anand
	V.N.V.Sainadh Reddy	Y19BPH0597	B.Pharmacy	Herbal ringworm
		DI 1103)/		ointment

SLIP TEST

Daniel Daniel Chamistry 1210470122
All Praymacedial Seguent Cherry Yalring
Markouitoff's Rule When an addition of unsymmetrical reagent to an ammetrical Alkenes, the positive part of the reagent
IN HOME ALL OLD THE
am ammetrical Alkenes, the positive part of the reagent
A TO MA THAT THE THE THE THE THE COLUMN THE
atom which is having greatest no of hydrogen atom.
Man tout a month of the state of
$eq: cH_3-cH_2-cH=cH_2+HBr\xrightarrow{\beta r}$
CH3 - CH2 - CH - CH2
parabauism
Mechanism
1: step il formation of It complex giving adic
intermediate and bromine nucleophile.
Eq: (H3 - CH2 - CH = CH2 - H-BY) CH3-CH2-CH-CB24
and an equic outer-
SFR:2 - mediale
The cyclic infermediate capable of forming a two
cas 60 cations (os) cas bouium iou
Of13 - CH2 - CH2 - CH3 - CH2 - CH - CH2 + CH
$CH_3 - CH_2 - CH - CH_3$
of a Haches to more stable cas 60 cation.
thee material to form this is them bell fire to
The carponium ion reacts with the uncleophile to
The campouram that reach to the
form a possible alkylhalide.
6413 = 6413 - 641 - 6413 + + CA3 - CH2 - CH2 - CH2
more stable.

SLIP TEST

Slip Test 1. Y20BPH0551. J. Manawini.
Q.1-Partition Coefficient influence Biological Activity-An Example Q.2-Classical Bioisosterism and its application-1 Drug Molecule
Q.3. Importance of Optical isomorphy on Biological Activity-An Example.
Q.4-Ionisation of Drug in relation to PHExplain. O.5. Physicochemical properties of Drug-An Overview.
1A) Partition Coefficient is more, it implies the
1A) Partition Coefficient is more, it implies the more lipophilic character. Partition Coefficient is given by Distribution Rat
Koff Concentration of drug in aqueous
Concentration of drug in arganic layer aqueous
-> More the partition Coefficient, More the
- Exi M-Octanol and Water System. -> More Lipophilic character helps in Easy Busa
- at the color the Coll
-> Equal Quantities of both the organic of Aquel Layer is taken and amount of drug distribut
Martin of Strent Ingredation of Strent Augregation

STUDENT SEMINAR





STUDENT SEMINAR



