

# OFFICE OF THE PRINCIPAL SIPAJHAR COLLEGE

P.O. - Sipajhar, Dist. - Darrang (Assam) :: Pin-784 145 E-mail : sipajharcollege2010@rediffmail.com

Memo No. 80/ Mise/16/ 86/4091

Data 15-09-20

Phone: (03713) 266427

9954044122

#### NOTICE INVITING QUOTATION

Sealed quotations are invited from reputed Publishers/authorized dealers affixing non refundable court fee Rs. 8.25/- for supply of Books for the departments of Physics, Chemistry, Mathematics, Botany and Zoology to the Central Library of Sipjhar College, Sipajhar to be funded by Govt. of Assam under Science Laboratory Grant sanctioned during 2019-20. Quotation will be received within 15 days from the date of issue of the notice. No quotation will be accepted after the due date. The undersigned has the right of placing order depending on quality of books and the rate quoted. For further details, please contact the office of the undersigned during Office hours or visit Sipajhar College Website (www.sipajharcollege.org).

Principal Sipajhar College Sipajhar, Dist: Darrang (Assam) PRINCIPAL SIPAJHAR COLLEGE

#### **NOTICE INVITING QUOTATION**

Sealed quotations are invited from reputed Publishers/authorized dealers affixing non refundable court fee Rs. 8.25/- for supply of Books for the departments of Physics, Chemistry, Mathematics, Botany and Zoology to the Central Library of Sipajhar College, Sipajhar to be funded by Govt. of Assam under Science Laboratory Grant sanctioned during 2019-20. Quotation will be received within 15 days from the date of issue of the notice. No quotation will be accepted after the due date. The undersigned has the right of placing order depending on quality of books and the rate quoted. For further details, please contact the office of the undersigned during Office hours Sipajhar or visit College Website (www.sipajharcollege.org).

> Principal Sipajhar College Sipajhar, Dist: Darrang (Assam)

#### **ELIGIBILITY CRITERIA**

1. The bidder Publisher/Dealer must be incorporated and registered in India under the Indian Companies Act/Societies Registration Act/Trust Act/ any other Act, or any Govt.

2. Self declaration that the bidder has not been barred by any PSU/Govt.Dept.in doing business with them.

3. The bidder must submit copies of their GST registration certificate from the competent authority.

4. The bidder must submit copies of their PAN Card.

#### **IMPORTANT DATES**

BID REFERENCE	DATE AND TIME	BID VALUE
Starting date for submission of quotations	15-09-2020	Rs. 1,00,000 (Rupees one lakh)
Closing date for submission of quotations	25-09-2020	
Date and time of opening the bidding document	25-09-2020	
Place of opening of quotations	Office of the Principal, Sipajhar College, Sipajhar, Darrang (Assam)	

#### **INSTRUCTION TO BIDDERS**

# AMMENDMENT OF BID DOCUMENTS

- i. At any time, prior to the date of submission of bids, the purchaser may for any reason modify the Bid documents.
- ii. The amendment, if any will be notified on the College Website for updates on this tender

# **EXTENSION OF TIME**

In order to give required time to the prospective Bidder in which to take the amendments into action in preparing their bid, the Purchaser may at its discretion extend the deadline for submission of bid suitably.

# **BID PRICE**

Prices should be inclusive of all taxes and duties. No claim whatsever on the bid price will be entertained subsequently due to wrong quoting of tax or rate of any tax. However, rate of taxes and duties included in the price offered should also be given separately from the basic price. The prices quoted by the bidder shall remain firm during the entire period of the contract and shall not be subject to variation on any account.

#### VALIDITY PERIOD OF BID

Bid shall remain valid for 60 days after the date of opening. The bid valid for a shorter period shall be rejected by the purchaser as non-responsive.

# SIGNING OF THE BID

- I. The original copy of the bid shall be typed and shall be signed by the bidder or a person duly authorized by the bidder. In case of authorization, the Authorization should be in the shape of an affidavit.
- II. All pages of the original bid shall be initiated by the person signing the bid. The bid shall contain no interlineations; the person signing the bid shall give initial against each correction.

#### **DEADLINE FOR SUBMISSION OF BID**

Bid must be received by the purchaser at the address specified and not later than the date and time specified in the NIT. Any Bid received late by the purchaser shall be rejected automatically.

# **MODIFICATION AND WITHDRAWAL OF BIDS**

- No modification of Bid shall be allowed unless there is any amendment made by the purchaser.
- The Bidder may withdraw Bid with an application addressed to the Principal, Sipajhar College, Sipajhar. Once Bid withdrawn, the same Bidder must not Bid for the second time. Such Bids, if received, will be rejected.

# **SUBMISSION OF QUOTATION**

Quotations may be submitted through speed post/registered post/online via e-mail to sipajharcollege2010@rediffmai.com within the stipulated time.

# Required Books list Sipajhar College

Name of the Book	Author(s)
1.Physics	
Statistical Mechanics	Patharia
Mathematical Methods for Physicists Paperback	Arfken, weber, Harris
Mathematical Physics	H K Dass
Solid State Physics	S S Pillai
Solid State Physics	A J Dekker
Introduction to Solid State Physics	Charles Kittel
Electrostatics	D J Grifitth
Python Programming   A modular approach	Taneja Sheetal and Kumar Naveen
Programming In Python	Pooja Sharma
Computing Fundamentals and C Programming	E Balaguruswamy
A First Course in Programming With C	T jayapoovan
Introduction to Astrophysics	H L Duorah

Vector Analysis_Schuamm Series (paper back)	Murray R Spiegel
Mechanics (paperback)	D S Mathur
Nuclear physics: An Introduction	S B patel
Nuclear physics	R Prasad
	Raj Kumar
Atomic and Molecular physics Heat and Thermodyanamics	Zemansky Mark
A Treatise on Heat	Saha
	Arthur Beiser
Modern Physics Optics	
Opues	Brij Lal; N Subhramanyam; M N Avadhanulu
A Taythook of Optics	Ghosh and Mazumdar
A Textbook of Optics	V K Mehta & Rohit Mehta
Principle of Electronics Handbook of electronics	
	gupta kumar
Electromagnetics	B B Laud
Classical mechanics	Herbert Goldstein
Classical mechanics	rana and jaog
Classical mechanics	J C Upadhyay
Lasers- Fundamentals and Applications	Thyagarajan & ghatak
Quantum Mechanics: Concepts and Applications	N Zettili
Perspective of quantum mechanics	R Sircar and S P kuila
Introduction to quantum mechanics	David J Griffiths
A textbook of Sound	Brij lal; N Subhramanyam
Astrophysics-Stars and Galaxies	Abhyankar K.D.
Introduction To Microcontrollers	Lipovski G.J.
Fundamentals of Microprocessors and	B Ram
Microcontrollers	
Embedded Systems: Architecture, Programming &	Raj Kamal
Design	
The 8051 Microcontroller and Embedded Systems:	C, M.A. Mazidi, J.G. Mazidi, and
Using Assembly and C	R.D. McKinlay,
Electronic Devices and Integrated Circuits	Ajay kumar singh
Physics of Semiconductor Devices	S M Sze; Kwok K Mg
Electronic Communication	Roddy
Electronic Communication System	Kennedy George
Digital Signal Processing	Tarun Kyumar rawat
B.Sc. Practical Physics	C L Arora
2. Botany	
Microbiology	P.D. Sharma
ECOLOGY AND ENVIRONMENT	P.D. Sharma
PLANT ECOLOGY AND PHYTOGEOGRAPHY	P.D. Sharma
PLANT ECOLOGY AND PHILIOGEOGRAPHY PLANT PATHOLOGY	P.D. Sharma
Prescott's Microbiology Call Biology Consting Molecular Biology Evolution	Vormo DS & VV Accornel
Cell Biology, Genetics, Molecular Biology, Evolution	Verma, P.S. & V.K. Agarwal

& Ecology	
Diant Dathology	C.N. Agrica
Plant Pathology	G.N. Agrios
Botany for degree student – Gymnosperms	P.C. Vasishta
Botany for degree student –Bryophyta	B.R. Vashishta
A Text Book of Bryophyta, Pteridophyta and Gymnosperms	B.P. Pandey
A Textbook of Biotechnology	R. C. Dubey
Palaeobotany-An Introduction to Fossil ` Plant	T.N. Taylor
Biology	1.N. Taylol
PLANT TAXONOMY	O P Sharma
PLANT PATHOLOGY	B P Pandey
Plant Anatomy	B P Pandey
Pollen Morphology of Angiosperms	P.K.K. Nair
The Embryology of Angiosperms	S.S Bhojwani & S.P. Bhatnagar
An Introduction to the Embryology of	P. Maheshwari
Angiosperms	
Plant Breeding	B. D. Singh
A text book of Biotechnology	R. C. Dubey
A Text Book of Plant Physiology	V. Verma
Plant Physiology	S.N. Pandey & B. K. Sinha
Text book of Fungi and Their	Sethi, I.K. and Walia, S.K. (2011)
Allies	
Economic Botany	S. L. Kochhar
Principles of Genetics	E. J. Gardner, M. J. Simmons & D.
	P. Snustad
Genetics: Analysis of Genes and Genomes	Daniel L. Hartl & M. Ruvolo
Introduction to Biostatistics	P. K. Banerjee
A Text Book of Practical Botany 1	Bendre &Kumar
A Text Book of Practical Botany 2	Bendre &Kumar
A Text Book of Practical Botany 3	Bendre &Kumar
Studies in Botany (Vol.I)	Mitra J. N., Mitra D & Chaudhuri S.
	K
Studies in Botany (Vol.II)	Mitra J. N., Mitra D & Chaudhuri S.
• ` `	К.
Studies in Botany (Vol.III)	Mitra J. N., Mitra D & Chaudhuri S.
	К.
Prospectives in Environmental studies	A. Kaushik & C. P. Kaushik
Molecular Biology	Watson J.D., Baker, T.A., Bell, S.P.,
	Gann, A., Levine, M., Losick, R.
	(2007)
3. Mathematics	
Higher Algebra (Classical), Asoke Prakasan, 5 <sup>th</sup>	S.K. Mapa
revised edn	
Calculus (7 <sup>th</sup> Edition), John Wiley and sons (Asia), Pt	H. Anton, I. Bivens and S. Davis

Ltd., Singapore, 2002	
Advanced Engineering Mathematics (10th ed.). John	Kreyszig, Erwin
Wiley & Sons, Inc. Wiley India Edition 2015	11090249, 21001
The Student's Introduction to	Torrence, Bruce F., & Torrence, Eve
Mathematica: A Handbook for Precalculus, Calculus,	A
and Linear Algebra (2nd ed.). Cambridge University	
Press	
Graphs and Applications: An IntroductoryApproach.	Aldous, Joan M., & Wilson, Robin J.
Springer. Indian Reprint	
Discrete Mathematics with Graph Theory (3rd	Edgar G. Goodaire and Michael M.
Edition), Pearson Education (Singapore) Pvt. Ltd.,	Parmenter
Indian Reprint, 2005.	
Introduction to Real Analysis, 3rd Ed., John Wiley	R.G. Bartle and D. R. Sherbert
and Sons, 2002.	
Basic Course in Real Analysis, CRC Press, 2014.	A. Kumar and S. Kumaresan
Combinatorial Techniques, Hindustan Book Agency,	Sharad S. Sane
2013.	
Differential Equation and Boundary Value Problems:	Edwards, C. Henry, Penney, David
Computing and Modeling (5th ed.). Pearson	E., & Calvis, David T.
Education	
Beginning <b>R:</b> The Statistical Programming Language,	Gardener, M.
WileyPublications	
A First Course in Abstract Algebra, 7th Ed., Pearson,	John B. Fraleigh
2002.	
A Friendly Introduction to Numerical Analysis,	B. Bradie
Pearson Education, India, 2007.	
Linear Algebra (4th Edition), Prentice-Hall of India	Stephen H. Friedberg, Arnold J.
Pvt. Ltd., New Delhi, 2004	Insel, Lawrence E. Spence
Higher Algebra: Abstract and Linear, 12th Ed.,	S.K. Mapa
Levant, 2011	
4. Chemistry	
Concise Inorganic chemistry	J D Lee
Inorganic Chemistry (Principles of structures and	James E Huheey
reactivity)	
General and Inorganic Chemistry	R Sarkar
(Vol- 2)	
Basic Inorganic Chemistry	F A Cotton, Wilkinson, Gaus
Basic Organometallic Chemistry	B D Gupta
Concepts and models of Inorganic Chemistry	Douglas, M C Daniel
Principles of Inorganic Chemistry	Puri, Sharma, Kalia
Inorganic Chemistry	Miessler, Tarr
Bio Inorganic Chemistry	K Hussain Reddy
Organic Chemistry	Morrison, Boyd
Stereo chemistry of conformation and mechanism	P S Kalsi
Basic stereochemistry of organic molecules	Subrata Sen Gupta

March's Advanced Organic Chemistry       Michael B. Smith         Organic Chemistry       Jonathan Clayden         Nick Greeves       Stuart Warren         A Guide Book to Mechanism in Organic Chemistry       Peter Sykes         Modern methods of organic synthesis       William Carruthers         Elementary organic spectroscopy       Y R Sharma         Organic Spectroscopy       Pavia, Lampman, Kriz & Vyvyan         Introduction to spectroscopy       Pavia, Lampman, Kriz & Vyvyan         Quantum chemistry       A K Chandra         Physical chemistry       Donald A McQuarrie         (a molecular approach)       Amalendu Ghoshal         Numerical problems and short questions on physical       Amalendu Ghoshal         Physical chemistry       Puri, Sharma, Pathania         A Text book of physical chemistry       K L Kapoor         Physical Chemistry       S. M. Khopkar         Practical Chemistry       S. M. Khopkar </th <th>Reactions, Rearrangements and Reagents</th> <th>S N Sanyal</th>	Reactions, Rearrangements and Reagents	S N Sanyal
Organic ChemistryJonathan Clayden Nick Greeves Stuart WarrenA Guide Book to Mechanism in Organic ChemistryPeter SykesModern methods of organic synthesisWilliam CarruthersElementary organic spectroscopyY R SharmaOrganic SpectroscopyPavia, Lampman, Kriz & VyvyanFundamentals of molecular spectroscopyBanwell, McCashQuantum chemistryB K Sen(Including spectroscopy)B K Sen(Includity & Pericyclic reactionsJagdamba SinghPhoto chemistry & Pericyclic reactions on physical chemistryAmalendu GhoshalChemistryAtkins & PaulaPrinciples of physical chemistryAtkins & PaulaPrinciples of physical chemistryK L KapoorPhysical ChemistryK L KapoorPhysical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, Gulati Practical Inorganic ChemistryFractical Inorganic ChemistryMaar & Rockett5. ZoologyInternational Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MASembulingam		
Nick Greeves Stuart WarrenA Guide Book to Mechanism in Organic ChemistryPeter SykesModern methods of organic synthesisWilliam CarruthersElementary organic spectroscopyY R SharmaOrganic SpectroscopyWilliam KempIntroduction to spectroscopyBanwell, McCashQuantum chemistryB K Sen(Including spectroscopy)A K ChandraQuantum chemistryA K ChandraQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Atkins & PaulaNumerical problems and short questions on physical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriPractical Inorganic ChemistryKlosla, Garg, GulatiPractical Inorganic ChemistryMar & Rockett <b>5. Zoology</b> III Edition. Holt Saunders International Edition.The Life of Vertebrates. III Edition. Oxford universityYoung, J.Z.(2004).The Life of Vertebrates. III Edition. Oxford universityYoung, J.Z.(2004).		
Stuart WarrenA Guide Book to Mechanism in Organic ChemistryPeter SykesModern methods of organic spectroscopyY R SharmaOrganic SpectroscopyY R SharmaOrganic SpectroscopyPavia, Lampman, Kriz & VyvyanIntroduction to spectroscopyBanwell, McCashQuantum chemistryB K Sen(Including spectroscopy)R K PrasadQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Atkins & PaulaNumerical problems and short questions on physical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKosla, Garg, GulatiPractical Inorganic ChemistryMar & Rockett <b>5. Zoology</b> International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford universityYoung,J.Z.(2004).PressYoung,J.Z.(2004).	organie chemistry	5
A Guide Book to Mechanism in Organic Chemistry       Peter Sykes         Modern methods of organic synthesis       William Carruthers         Elementary organic spectroscopy       Y R Sharma         Organic Spectroscopy       William Kemp         Introduction to spectrocopy       Pavia, Lampman, Kriz & Vyvyan         Fundamentals of molecular spectroscopy       Banwell, McCash         Quantum chemistry       B K Sen         (Including spectroscopy)       Introductory quantum chemistry         Photo chemistry & Pericyclic reactions       Jagdamba Singh         Physical chemistry       Donald A McQuarrie         (a molecular approach)       Atkins & Paula         Numerical problems and short questions on physical       Amalendu Ghoshal         chemistry       Puri, Sharma, Pathania         A Text book of physical chemistry       Puri, Sharma, Pathania         A Text book of physical chemistry       K L Kapoor         Physical Chemistry       S. M. Khopkar         Practical Chemistry       Dr. Pandey         Dasic Concepts of Analytical Chemistry       S. M. Khopkar         Practical Chemistry       K Nosla, Garg, Gulati         Practical Inorganic Chemistry       Marr & Rockett         5. Zoology       International Edition.         International Edition.		
Modern methods of organic synthesis       William Carruthers         Elementary organic spectroscopy       Y R Sharma         Organic Spectroscopy       William Kemp         Introduction to spectrocopy       Pavia, Lampman, Kriz & Vyvyan         Fundamentals of molecular spectroscopy       Banwell, McCash         Quantum chemistry       B K Sen         (Including spectroscopy)       Introductory quantum chemistry         R K Prasad       Photo chemistry & Pericyclic reactions         Jagdamba Singh       Physical chemistry         Numerical problems and short questions on physical chemistry       Atkins & Paula         Principles of physical chemistry       Puri, Sharma, Pathania         A Text book of physical chemistry       K t L Kapoor         Physical Chemistry       S. M. Khopkar         Practical Chemistry       Dr O.P. Pandey         Dr. N Bajpai       Dr. S Giri         Elementary practical organic chemistry       Mar & Rockett <b>5. Zoology</b> Mar & Rockett <b>5. Zoology</b> Fess and Sunderl and, Washington, D.C.; Sinauer         Associates, MA       Sembulingam K and Swmbulingam P.         The Life of Vertebrates. III Edition. Oxford university       Young,J.Z.(2004).	A Guide Book to Mechanism in Organic Chemistry	
Elementary organic spectroscopy       Y R Sharma         Organic Spectroscopy       Pavia, Lampman, Kriz & Vyvyan         Introduction to spectroscopy       Banwell, McCash         Quantum chemistry       B K Sen         (Including spectroscopy)       A K Chandra         Quantum chemistry       R K Prasad         Photo chemistry & Pericyclic reactions       Jagdamba Singh         Physical chemistry       Donald A McQuarrie         (a molecular approach)       Atkins & Paula         Numerical problems and short questions on physical chemistry       Atkins & Paula         Principles of physical chemistry       Puri, Sharma, Pathania         A Text book of physical chemistry       Keith J. Laidler         John H. Meiser       John H. Meiser         Analytical Chemistry       Dr O.P. Pandey         Practical Chemistry       Dr O.P. Pandey         D.N. Bajpai       Dr. S Giri         Elementary practical organic chemistry       Vogel         Senior practical physical chemistry       Marr & Rockett         5. Zoology       Invertebrate Zoology, VIII Edition. Holt Saunders         International Edition.       Ruppert and Barnes, R.D. (2006).         The Cell: A Molecular Approach. V Edition. ASM       Cooper, G.M. and Hausman, R.E.         Press and Sunderl and, Wash		, , , , , , , , , , , , , , , , , , ,
Organic SpectroscopyWilliam KempIntroduction to spectrocopyPavia, Lampman, Kriz & VyvyanFundamentals of molecular spectroscopyBanwell, McCashQuantum chemistryB K Sen(Including spectroscopy)A K ChandraQuantum chemistryA K ChandraQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Amalendu GhoshalNumerical problems and short questions on physical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryKith J. Laidler John H. MeiserAnalytical ChemistryDr O.P. Pandey D. N. Bajpai Dr. O.P. Pandey D. N. Bajpai Dr. S GiriPractical Inorganic chemistryVogelSenior practical organic chemistryWare Rockett5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MASembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford universitySembulingam K and Swmbulingam P.		Y R Sharma
Introduction to spectrocopyPavia, Lampman, Kriz & VyvyanFundamentals of molecular spectroscopyBanwell, McCashQuantum chemistryB K Sen(Including spectroscopy)Introductory quantum chemistryA K ChandraQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Mumerical problems and short questions on physical chemistryNumerical problems and short questions on physical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical Inorganic chemistryVogelSenior practical physical chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryKosla, Garg, GulatiPractical Inorganic ChemistryKeith J. Laidler JohnInternational Edition.Sembulingam K and Swmbulingam P.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MASembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university Press <td></td> <td></td>		
Fundamentals of molecular spectroscopyBanwell, McCashQuantum chemistryB K Sen(Including spectroscopy)A K ChandraIntroductory quantum chemistryA K ChandraQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Amalendu GhoshalchemistryAtkins & PaulaPhysical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryK L KapoorPhysical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryD ro. P. PandeyPractical ChemistryD ro. P. PandeyDr. N. BajpaiDr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MASembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).		
Quantum chemistryB K Sen(Including spectroscopy)A K ChandraQuantum chemistryA K ChandraQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Amalendu GhoshalNumerical problems and short questions on physical chemistryAtkins & PaulaPhysical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryK L KapoorPhysical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryDr O.P. PandeyPractical ChemistryVogelSenior practical physical chemistryVogelSenior practical physical chemistryKhola, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		
(Including spectroscopy)A K ChandraIntroductory quantum chemistryA K ChandraQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)A malendu GhoshalNumerical problems and short questions on physical chemistryAtkins & PaulaPhysical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryK L KapoorPhysical ChemistryKopkarPrinciples of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. PandeyDasic Concepts of Analytical ChemistryDr O.P. PandeyD. N. BajpaiDr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		
Introductory quantum chemistryA K ChandraQuantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Amalendu GhoshalchemistryAtkins & PaulaPhysical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryKeith J. LaidlerJohn H. MeiserJohn H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. PandeyDr. N. BajpaiDr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett <b>5. Zoology</b> VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford universityYoung, J.Z.(2004).press		
Quantum chemistryR K PrasadPhoto chemistry & Pericyclic reactionsJagdamba SinghPhysical chemistryDonald A McQuarrie(a molecular approach)Amalendu GhoshalNumerical problems and short questions on physical chemistryAtkins & PaulaPhysical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Symbulingam P.		A K Chandra
Photo chemistry & Pericyclic reactions       Jagdamba Singh         Physical chemistry       Donald A McQuarrie         (a molecular approach)       Amalendu Ghoshal         Numerical problems and short questions on physical chemistry       Atkins & Paula         Physical chemistry       Atkins & Paula         Principles of physical chemistry       K L Kapoor         Physical Chemistry       Keith J. Laidler John H. Meiser         Analytical Chemistry       Christian, Gary D         Basic Concepts of Analytical Chemistry       Dr. O.P. Pandey         Dr. N. Bajpai       Dr. S Giri         Elementary practical organic chemistry       Vogel         Senior practical physical chemistry       Marr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.       Ruppert and Barnes, R.D. (2006).         The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer       Cooper, G.M. and Hausman, R.E. (2009).         Associates, MA       Sembulingam K and Swmbulingam P.         The Life of Vertebrates. III Edition. Oxford university press       Young,J.Z.(2004).		R K Prasad
Physical chemistry (a molecular approach)       Donald A McQuarrie         Numerical problems and short questions on physical chemistry       Amalendu Ghoshal         Physical chemistry       Atkins & Paula         Principles of physical chemistry       Puri, Sharma, Pathania         A Text book of physical chemistry       K L Kapoor         Physical Chemistry       Keith J. Laidler         John H. Meiser       John H. Meiser         Analytical Chemistry       S. M. Khopkar         Practical Chemistry       Dr O.P. Pandey         D. N. Bajpai       Dr. S. Giri         Elementary practical organic chemistry       Vogel         Senior practical physical chemistry       Marr & Rockett         5. Zoology       Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.         The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MA       Cooper, G.M. and Hausman, R.E. (2009).         Sembulingam K and Swmbulingam P.       Sembulingam K and Swmbulingam P.         The Life of Vertebrates. III Edition. Oxford university press       Young,J.Z.(2004).		
(a molecular approach)Amalendu GhoshalNumerical problems and short questions on physical chemistryAmalendu GhoshalPhysical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		
Numerical problems and short questions on physical chemistryAmalendu GhoshalPhysical chemistryAtkins & PaulaPrinciples of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryK L KapoorPhysical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Essentials of Medical physiology (8 <sup>th</sup> edn.)Cooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		
chemistryAtkins & PaulaPhysical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		Amalendu Ghoshal
Principles of physical chemistryPuri, Sharma, PathaniaA Text book of physical chemistryK L KapoorPhysical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		
A Text book of physical chemistryK L KapoorPhysical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.	Physical chemistry	Atkins & Paula
A Text book of physical chemistryK L KapoorPhysical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.	Principles of physical chemistry	Puri, Sharma, Pathania
Physical ChemistryKeith J. Laidler John H. MeiserAnalytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		K L Kapoor
Analytical ChemistryChristian, Gary DBasic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		Keith J. Laidler
Basic Concepts of Analytical ChemistryS. M. KhopkarPractical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.		John H. Meiser
Practical ChemistryDr O.P. Pandey D. N. Bajpai Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).The Life of Vertebrates. III Edition. Oxford university pressSembulingam K and Swmbulingam P.	Analytical Chemistry	Christian, Gary D
D. N. BajpaiD. N. BajpaiDr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).	Basic Concepts of Analytical Chemistry	S. M. Khopkar
Dr. S GiriElementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.Ruppert and Barnes, R.D. (2006).The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).	Practical Chemistry	Dr O.P. Pandey
Elementary practical organic chemistryVogelSenior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett <b>5. Zoology</b> Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).		D. N. Bajpai
Senior practical physical chemistryKhosla, Garg, GulatiPractical Inorganic ChemistryMarr & Rockett5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.Ruppert and Barnes, R.D. (2006).The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).		Dr. S Giri
Practical Inorganic ChemistryMarr & Rockett5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.Ruppert and Barnes, R.D. (2006).The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).	Elementary practical organic chemistry	Vogel
5. ZoologyInvertebrate Zoology, VIII Edition. Holt Saunders International Edition.Ruppert and Barnes, R.D. (2006).The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).	Senior practical physical chemistry	Khosla, Garg, Gulati
Invertebrate Zoology, VIII Edition. Holt Saunders International Edition.Ruppert and Barnes, R.D. (2006).The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).	Practical Inorganic Chemistry	Marr & Rockett
International Edition.International Edition.The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8th edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).	5. Zoology	
The Cell: A Molecular Approach. V Edition. ASM Press and Sunderl and, Washington, D.C.; Sinauer Associates, MACooper, G.M. and Hausman, R.E. (2009).Essentials of Medical physiology (8 <sup>th</sup> edn.)Sembulingam K and Swmbulingam P.The Life of Vertebrates. III Edition. Oxford university pressYoung,J.Z.(2004).	Invertebrate Zoology, VIII Edition. Holt Saunders	Ruppert and Barnes, R.D. (2006).
Press and Sunderl and, Washington, D.C.; Sinauer       (2009).         Associates, MA       Sembulingam K and Swmbulingam         Essentials of Medical physiology (8 <sup>th</sup> edn.)       Sembulingam K and Swmbulingam         P.       The Life of Vertebrates. III Edition. Oxford university       Young,J.Z.(2004).	International Edition.	
Press and Sunderl and, Washington, D.C.; Sinauer       (2009).         Associates, MA       Sembulingam K and Swmbulingam         Essentials of Medical physiology (8 <sup>th</sup> edn.)       Sembulingam K and Swmbulingam         P.       The Life of Vertebrates. III Edition. Oxford university       Young,J.Z.(2004).		
Associates, MA     Sembulingam K and Swmbulingam P.       The Life of Vertebrates. III Edition. Oxford university press     Young,J.Z.(2004).	The Cell: A Molecular Approach. V Edition. ASM	Cooper, G.M. and Hausman, R.E.
Essentials of Medical physiology (8 <sup>th</sup> edn.)       Sembulingam K and Swmbulingam P.         The Life of Vertebrates. III Edition. Oxford university press       Young,J.Z.(2004).	Press and Sunderl and, Washington, D.C.; Sinauer	(2009).
P.       The Life of Vertebrates. III Edition. Oxford university press       Young,J.Z.(2004).		
press	Essentials of Medical physiology (8 <sup>th</sup> edn.)	•
press	The Life of Vertebrates. III Edition. Oxford university	Young,J.Z.(2004).
Biochemistry (5 <sup>th</sup> Edn.). Satvanaravan U.	press	
	Biochemistry (5 <sup>th</sup> Edn.).	Satyanarayan U.

Vertebrates' Comparative Anatomy, Function and	Kardong, K.V. (2005)
Evolution. IV Edition. McGraw-Hill Higher	
Education.	
An introduction to Embryology, International	Balinsky, B.I. (2008).
Thomson Computer Press.	
A text book of Fish Biology and Fisheries, Narendra	S.S. Khanna and H.R. Singh
Publishing House.	
Campbell Biology. Concepts and connections.	Taylor, Simon, Dickey, Hogan and
	Reece.
Cell Biology (Including practicals), as per CBCS	Dutta K and Raj M.
syllabus.	
Cytology, Genetics and evolution.	Raj M.
Elements of Ecology. (9 <sup>th</sup> Edn.)	Smith and Smith.
Aquarium fishes, a colourful profile	Harishankar J. Alappat and A. Biju
	Kumar
The freshwater fishes of Indian region(2 <sup>nd</sup> Edn.)	K.C.Jayaram
Fundamentals of Ecology (Third Edn.)	M.C. Dash and S.P.Dash
Economic Zoology, Apiculture, Sericulture and	Kamal Jaiswal, B.N.Pandey,
Aquaculture	M.G.Ragunathan, J. Jayanthi, K.P.
	Sanjayan and Vijay kumar