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অর্ধ-বার্ষিক পরীক্ষা	
মোট কার্য দিবস- ৭৫ দিন	
নির্ধারিত পিরিয়ড- ৬৬	
ক্লাস টেস্ট-১: কার্য দিবস-২৫ দিন, নির্ধারিত পিরিয়ড-২১	
ক) বিড়াল	০৫ পিরিয়
খ) অপরিচিতা	০৫ পিরিয়
গ) চাষার দুক্ষু	০৩ পিরিয়
ঘ) ঐকুতান	০২ পিরিয়
ঙ) বিভীষণের প্রতি মেঘনাদ	০৪ পিরিয়
চ) সাম্যবাদী	০২ পিরিয়
কুইজ-১: কার্য দিন-২৩, নির্ধারিত পিরিয়ড-২০	
ক) উপন্যাস ''লালসালু''(উপন্যাসের শুরু থেকে	
''মাজারটি তার শক্তির মূল" ৮২ পৃষ্ঠা পর্যন্ত)	১৩ পিরিয়
খ) নাটক : ১ম অঙ্ক	০৭ পিরিয়
অর্ধ-বার্ষিক পরীক্ষা <u>: কার্য দিবস-২৭ দিন, নির্ধারিত পিরিয়ড-২৪</u>	~ ~
ক) আহ্বান	০৪ পিরিয়
খ) আমার পথ	
গ) জীবন ও বুক্ষ	০৪ পিরিয়
ঘ) এই পৃথিবীতে এক স্থান আছেঘ) এই পৃথিবীতে এক স্থান আছে	০৩ পিরিয়
ঙ) তাহারেই পড়ে মনে	০৩ পিরিয়
চ) সেই অস্ত্র	০৩ পিরিয়
ছ) রিভিশন ক্লাস	০৪ পিরিয়
	২৪পিরিয়
** অর্ধ-বার্ষিক পরীক্ষা সিলেবাসে ক্লাস টেস্টে-১ ও কুইজ-১ এর সিলেবাস	অন্তল্ভ হবে
মানবটন:	
ক) ক্লাস টেস্ট-১ ২০ৃ	80÷২=३
খ) কুইজ-১ ২০ ∫	
গ) ক্লাসে উপস্থিতি	c
ঘ) অর্ধ-বার্ষিক পরীক্ষ <u>া- ১০০ রূপান্তরিত হবে</u>	<u>ر</u>
	মোট = ১০
অর্ধ-বার্ষিক পরীক্ষা <u>র মানবণ্টন</u> :	
গদ্য: সৃজনশীল প্রশ্নের ৪টি উদ্দীপকের থেকে ন্যূনতম ২টির উত্তর দিতে হবে	[]
কবিতা: সৃজনশীল প্রশ্নের ৩টি উদ্দীপকের থেকে ন্যূনতম ২টির উত্তর দিতে হ	
সহপাঠ: (উপন্যাস থেকে) ২টি এবং (নাটক থেকে) ২টি প্রশ্ন থাকবে, উপন্যাস থেকে	
	৬ ন্যুনতন ৩০
নাটক থেকে ন্যূনতম ১টি প্রশ্নসহ মোট ৭টি প্রশ্নের উত্তর দিতে হবে।	১ ০×१=९
বহুনির্বাচনি	= 4
`	মোট = ১০

বার্ষিক পরীক্ষা	
মোট কার্য দিবস-৭১ দিন	
নির্ধারিত পিরিয়ড-৫৫	
ক্লাস টেস্ট-২: কার্য দিবস-২০ দিন, নির্ধারিত পিরিয়ড-১৬	
ক) মাসি-পিসি	০৩ পিরিয়ড
খ) বায়ানুর দিনগুলো	০৩ পিরিয়ড
গ) আঠারো বছর বয়স	০২ পিরিয়ড
ঘ) ফেব্রুয়ারি ১৯৬৯	০২ পিরিয়ড
ঘ) ফেব্রুয়ারি ১৯৬৯ ঙ) উপন্যাস ''লালসালু"(৮২ পৃষ্ঠা থেকে ''মজিদ হঠাৎ শোনে জে	দানালি মিহি
সুন্দর হাসির ঝংকার" ১২২ পৃষ্ঠা পর্যন্ত)	<u>০৬ পিরিয়ড</u>
	১৬ পিরিয়ড
কুইজ-২: কার্য দিবস-২৯ দিন, নির্ধারিত পিরিয়ড- ১৩	\sim
ক) জাদুঘরে কেন যাব খ) আমি কিংবদন্তির কথা বলছি	০৩ পিরিয়ড
খ) আাম কিংবদান্তর কথা বলাছ	০৩ পিরিয়ড
গ) নূরলদীনের কথা মনে পড়ে যায় ২০ – – – – – –	০২ পিরিয়ড
ঘ) নাটক ২য় অঙ্ক	. ০৮ পিরিয়ড
	১৬ পিরিয়ড
<u>বার্ষিক পরীক্ষা: কার্য দিবস-২৮ দিন, নির্ধারিত পিরিয়ড-২২</u>	০৩ পিরিয়ড
ক) রেইনকোট খ) মহাজাগতিক কিউরেটর	০৩।শারয়ঙ ০২ পিরিয়ড
খ) মহাজাগাতক কিওরেটর ক) বেরুলেম	০২ ।শারয়ড ০২ পিরিয়ড
গ) নেকলেস ঘ) লোক-লোকান্তর	
য) গোঞ-লোঞ্জর ঙ) রক্তে আমার অনাদি অস্থি	০১ শিরিয়ড ০১ পিরিয়ড
ড) রক্তে আমার অন্যাদ আহ চ) উপন্যাস সম্পূর্ণ	০১ শিরিয়ড ০৭ পিরিয়ড
চ) ভগন্যাগ গ~গুন ছ) নাটক সম্পূর্ণ	০৭ শিরিয়ড ০৬ পিরিয়ড
ছ) <u>নাটক সম্পূ</u> ণ	<u>০৬ পোররড</u> ২২ পিরিয়ড
বার্ষিক পরীক্ষা: অর্ধ-বার্ষিক পরীক্ষার সিলেবাস (ক্লাস টেস্ট-১, কুইজ-১ সং	• •
্যাবিক গরাক্ষা: অব-ব্যাবিক গরাক্ষার পিলেবাপ (ফ্লাপ টেক্ট-১, কুহজ-১ পর্য কাম দেনে ১০ কুইজ ১ ব্যক্তির প্রবিষ্ঠার বিজ্ঞান বিজ্ঞান হয়ে	
ক্লাস টেস্ট-২ ও কুইজ-২ বার্ষিক পরীক্ষার সিলেবাস অন্তর্ভূক্ত হবে স্কর্নাজন কর্ত্ব স্কুর্তু	91
মানবন্টন: অর্ধ-বার্ষিক পরীক্ষার অনুরূপ	
প্রাক্-নির্বাচনি পরীক্ষা	
মোট কাৰ্য দিবস-৫০ দিন	
নির্ধারিত পিরিয়ড-৩৯	
কুইজ-৩: কার্য দিবস-১৯ দিন, নির্ধারিত পিরিয়ড-১২	
ক) বাংলা উচ্চারণের নিয়ম	০৩ পিরিয়ড
খ) বাংলা বানানের নিয়ম	
২) বাংলা বাণাদের পিয়ন গ) বাংলা ভাষার ব্যাকরণিক শব্দশ্রোণি	০৩ পিরিয়ড ০৩ পিরিয়ড
	০৩ শোররঙ
(বিশেষ্য, বিশেষণ, সর্বনাম)	
ঘ) দিনলিপি	০১ পিরিয়ড
ঙ) ভাষণ	. ০২ পিরিয়ড
	১২ পিরিয়ড
Science (EV)-3	Syllabus

প্রাক্-নির্বাচনি পরীক্ষার সিলেবাসে কুইজ-৩ এর সিলেবাস অন্তর্ভূক্ত হবে।

মানবন্টন:	
ক) কুইজ-৩	২০
খ) ক্লাসে উপস্থিতি	०৫
গ) প্রাক্-নির্বাচনি পরীক্ষা-১০০ রূপান্তরিত হবে	ዓ৫
	আট – ১০০

প্রাক্-নির্বাচনি পরীক্ষার মানবল্টন:

ব্যাকরণ- ৩০	
১। বাংলা উচ্চারণের নিয়ম	०৫
২। বাংলা বানানের নিয়ম	06
৩। ব্যাকরণিক শব্দশ্রোণি	०৫
৪। শব্দ গঠন (উপসর্গ, প্রত্যয়)	०৫
৫। বাক্যতত্ত্ব	०৫
৬। বাংলা ভাষার অপ্রপ্রয়োগ ও শুদ্ধপ্রয়োগ	०৫
	মোট- ৩০
নির্মিতি- ৭০	
৭। পারিভাষিক শব্দ অথবা বঙ্গানুবাদ	20
৮। দিনলিপি অথবা ভাষণ	20
৯। বৈদ্যুতিন চিঠি অথবা পত্রলিখন	20

- ১১। সংলাপ অথবা খুদে গল্প১০

Science (EV)-4

১০। সারাংশ অথবা ভাব-সম্প্রসারণ

Syllabus

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নির্বাচনি পরীক্ষা মোট কার্য দিবস-৩২ দিন নির্ধারিত পিরিয়ড-২৫

ক) বাংলা শব্দ গঠন (সমাস)	০৭ পিরিয়ড
খ) পারিভাষিক শব্দ	০২ পিরিয়ড
গ) অভিজ্ঞতা বর্ণনা, প্রতিবেদন রচনা	০৪ পিরিয়ড
ঘ) খুদে বার্তা, আবেদনপত্র	০৪ পিরিয়ড
ঙ) সারমর্ম	০১ পিরিয়ড
চ) প্রবন্ধ রচনা	০২ পিরিয়ড
প্রথম পত্রের পাঠ পুনরালোচনা	০৫ পিরিয়ড
	২৫ পিরিয়ড

মানবন্টন: বোর্ড পরীক্ষার অনুরূপ।

নির্বাচনি পরীক্ষার মানবন্টন:

১ম ও ২য় পত্রের পরীক্ষা সম্পূর্ণ সিলেবাসের উপর আলাদাভাবে (বোর্ড পরীক্ষার প্রশ্ন অনুযায়ী) অনুষ্ঠিত হবে।

পাঠ্যপুস্তকের তালিকাঃ বাংলা প্রথম পত্র

১। সাহিত্য পাঠ (গদ্য ও পদ্য)	অধ্যাপক ড. মাহবুবুল হক সম্পাদিত
২। সহপাঠ (উপন্যাস ও নাটক)	অধ্যাপক ড. মাহবুবুল হক সম্পাদিত

<u>সহায়ক গ্রন্থের তালিকা: বাংলা দ্বিতীয় পত্র</u>

-		
	১। প্রমিত বাংলা ব্যাকরণ ও নির্মিতি	ড. হায়াৎ মামুদ
		ড. মোহাম্মদ আমিন
	২। বাংলা ব্যাকরণ ও নির্মিতি (বিরচন)	ড. অনিরুদ্ধ কাহালি
	৩। উচ্চতর বাংলা ব্যাকরণ ও রচনা শৈলী	ড. গিয়াস শামীম
		ড. নাজমুল হক
	৪। বাংলা ভাষা শিক্ষণ ও নির্মিতি	ড. বিশ্বজিৎ ঘোষ

ENGLISH 1st PAPER & 2nd PAPER

1ST TERMINAL EXAM Total Working Days: 75 Allocated Periods: 69

1st Class Test (Working Days 25) Allocated Periods 23

English for Today

Unit 1 : People or Institutions Making History	11
Unit 2 : Greatest Scientific Achievements	
Unit 3 : Dreams	
Grammar : Synonym/Antonym	04
Fill in the Blanks with/ without Clues	04
Writing Part : Paragraph	04
<u>Quiz-1 (Working Days 23) Allocated Periods 21</u>	
English for Today	
Unit 4 : Traffic Education	16
Unit 5 : Food Adulteration	
Unit 6 : Adolescence	
Flow Chart	
Grammar: Completing Sentences with phrases / clauses	04
Revision of Class Test-1	
Writing Part: E-mail	01
1 st Terminal Exam (Working Days 27) Allocated Periods 25	
English for Today	
Unit 7: Human Relationships	16
Unit 8 : Human Rights	
Unit 9 : Diaspora	
Rearrangement	02
Grammar : Modifiers	04
Writing Part: Graph Writing, Theme Writing, Story Writing	03
*** Revision of 1 st Class Test and Quiz-1 Syllabus	

Science (EV)-6

Science (EV)-5

Syllabus

Syllabus

Marks Distribution of Written Test		
Comprehension based Question : 25 Ma	arks	
Vocabulary : 15 Ma		
Rearrangement : 10 Ma		
Grammar : 10 Ma	arks	
Guided Writing: 40 Ma	arks	
(Completing Story-7, Theme-8,		
Informal Letter/Email-5, Graph/chart-10, Paragraph-10)		
Total = 100 Ma	arks	
Assessment of First Term Exam		
1^{st} Class Test 20 \downarrow 40 ÷ 2 = 20 Ma	arks	
Quiz-1 20 ∫		
Class Attendance 5 Ma	arks	
Written Exam (100 Marks) converts into 75 Ma	arks	
Total= 100 Ma		
ANNUAL EXAM		
Total Working Days: 71		
Allocated Periods: 53		
2 nd Class Test (Working Days 20) Allocated Periods 14		
English for Today	11	
Unit 10 : Peace and Conflict	11	
Unit 11 : Tours and Travels		
Summary Writing		
Grammar : Sentence Connectors	02	
Writing Part : Completing Story	01	
Quiz-2 (Working Days 23) Allocated Periods 17		
English for Today		
Unit 12 : Environment and Nature	13	
Unit 13 : Art and Music		
Grammar : Changing Sentences	03	
Writing Part : Theme Writing	01	
Revision of Class Test-2		
Annual Exam (Working Days 28) Allocated Periods 22		
English for Today		
Unit 14 : Myths and Literature	14	
Unit 15 : Path to Higher Education		
Grammar : Right Form of Verbs;	04	
Synonyms & Antonyms; Articles, Prepositions		
Writing Part: Paragraph, Graph/Chart writing, Informal E-mail/Letter	r 04	
*** Revision of 1 st & 2 nd Class Test and Quiz-1 & Quiz-2 Syllabus		
Science (EV)-7 Syllabus		

Marks Distribution of Annual Exam	
Comprehension based Question	25 Marks
Vocabulary	15 Marks
Rearrangement	10 Marks
Grammar	10 Marks
Guided Writing	$\frac{40 \text{ Marks}}{41 = 100 \text{ Marks}}$
Assessment of Annual Exam	$a_1 = 100$ what ks
2^{nd} Class Test 20 $740 \div 2 =$	20 Marks
Quiz-2 20 J	20 10141115
Class Attendance	5 Marks
Written Exam (100 Marks) converts into	75 Marks
	tal= 100 Marks
PRE-TEST	
Total Working Days: 50	
Allocated Periods 45	
Quiz-3 (Working Days 19) Allocated Periods 17	
Grammar : Pronoun Reference, Narration, Use of some s	pecial
words/phrases, Punctuation Marks	14
Writing Part : Report Writing	03
Marks Distribution	
1. Grammar based Questions :	15 marks
2. Writing Part :	05 marks
<u>Pre- Test (Working Days 31) Allocated Periods 28</u>	
Grammar : Revision of all Grammatical Items	20
Writing Part : Paragraph, Report, Formal E-mail/Letter, C	composition 08
Marks Distribution of Pre- Test	
Part A : Grammar	60 Marks
Part B : Composition	40 Marks
(Paragraph-10, Report-08, Application-08, Composition	n-14)
	al = 100 Marks
Assessment of Pre-Test	
Quiz-3	20 Marks
Class Attendance	5 Marks
Pre-Test (100 Marks) converts into	75 Marks
	tal= 100 Marks
Science (EV)-8	Syllabus

Test Total Working Days: 32 Allocated Periods: 26 Test Exam (Working Days 32) Allocated Periods 26 Revision of English 2 nd Paper (Full Syllabus) 26 Marks Distribution: 1. English 1 st Paper (Board Standard) 100 Marks 2. English 2 nd Paper (Board Standard) 100 Marks 2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 ^{ed} Paper * The books approved by NCTB are to be taught * Besides, the books following the syllabus & communicative pattern directed by NCTB may also be taught.
Allocated Periods: 26 Test Exam (Working Days 32) Allocated Periods 26 Revision of English 2 nd Paper (Full Syllabus) 26 Marks Distribution: 100 Marks 1. English 1 st Paper (Board Standard) 100 Marks 2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 nd Paper * The books approved by NCTB are to be taught * The books following the syllabus & communicative pattern
Test Exam (Working Days 32) Allocated Periods 26 Revision of English 2 nd Paper (Full Syllabus) 26 Marks Distribution: 100 Marks 1. English 1 st Paper (Board Standard) 100 Marks 2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 nd Paper * The books approved by NCTB are to be taught * The books following the syllabus & communicative pattern
Revision of English 2 nd Paper (Full Syllabus) 26 Marks Distribution: 1. English 1 st Paper (Board Standard) 100 Marks 2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 nd Paper * The books approved by NCTB are to be taught * The books approved by NCTB are to be taught
Marks Distribution: 1. English 1 st Paper (Board Standard) 100 Marks 2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 nd Paper * The books approved by NCTB are to be taught * The books following the syllabus & communicative pattern
1. English 1 st Paper (Board Standard) 100 Marks 2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 nd Paper * The books approved by NCTB are to be taught * The books following the syllabus & communicative pattern
2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 nd Paper * The books approved by NCTB are to be taught * The books approved by NCTB are to be taught
2. English 2 nd Paper (Board Standard) 100 Marks Total = 200 Marks Books Recommended: 1 st Paper 1. Text Book—English for Today by NCTB 2 nd Paper * The books approved by NCTB are to be taught * The books approved by NCTB are to be taught
Total = 200 Marks Books Recommended: <u>1 st Paper</u> 1. Text Book—English for Today by NCTB <u>2nd Paper</u> * The books approved by NCTB are to be taught * Besides, the books following the syllabus & communicative pattern
 1st Paper 1. Text Book—English for Today by NCTB 2nd Paper * The books approved by NCTB are to be taught * Besides, the books following the syllabus & communicative pattern
 Text Book—English for Today by NCTB 2nd Paper * The books approved by NCTB are to be taught * Besides, the books following the syllabus & communicative pattern
 Text Book—English for Today by NCTB 2nd Paper * The books approved by NCTB are to be taught * Besides, the books following the syllabus & communicative pattern
 The books approved by NCTB are to be taught Besides, the books following the syllabus & communicative pattern
* Besides, the books following the syllabus & communicative pattern
Science (EV)-9 Syllabus

Sub. : Information and Communication Technology First year Syllabus: Chapter 1 to Chapter 4 Second Year Syllabus: Chapter 5 to Chapter 6 (Chapter 4 Repeat)			
First Term (First Term Examination)			
Total working days- 85			
Allocated period -51			
Class Test- 1 (Working Days- 25 Period-18	1		
First Chapter : Full (Information & Communication Techn			
and Bangladesh Perspective) Third Chapter (First Portion):Number System	Class-09 Class 09		
Quiz - 1 (Working Days-23) Period-15			
Thrid Chapter (Second Portion) : Up to Digital Devices	Class-15		
Revision of class test-1 First Term Examination (Working Days-27) Perio	od-13		
First Chapter : Full Third Chapter : Full	Class-12		
Marks Distribution Of First Term			
Class Test-1 =20	40÷2 =20		
Quiz-1 $=20^{5}$			
Attendance	= 05		
First Term Exam $\int (Theory)$ Creative Question = 50	=75		
$\qquad \qquad $	=25		
	Total = 100		
Marks Distribution of Theory Exam			
a) Creative Question- 50 Students have to answer 5 questions out of 8 questions.			
Marks of every question is 10	50		
b) Multiple Choice Question- 25			
Students have to answer all 25 questions.	2.5		
Marks of every question is	$\frac{25}{\text{Total} = 75}$		
<u>Annual Exam</u> Total working day-71 days			
Allocated period -37 Class Test- 2 (Working Day-20) Period-07			
Allocated period -37 <u>Class Test- 2 (Working Day-20) Period-07</u> 1. 2nd Chapter :Full Out 2 (Working Day 22) Pariod 12	Class=05		
4th Chapter: Full	Class=12		
Revision of class test-2	C1055-12		
Annual Exam (Working Dav-28) Period-14	<u>.</u>		
First Term Exam Syllabus Repeat and Class Test-2 & Quiz-2 Repeat	Class=14		
Class Test-2 & Quiz-2 Repeat			
Science (EV)-10	Syllabus		

Marks Distribution Of Annual Exam	
Class Test-2 $=20$	60÷3 =20
$\begin{array}{ccc} \text{Curst Picture} & 20 \\ \text{Quiz-2} & =20 \end{array}$	00.5 20
Pratical $= 20$	
Attendance	= 05
Theory $\int Creative Question = 50$	=75
$M.C.Q = 25 \int$	
	Total = 100
Marks Distribution of Theory Exam	100001 100
a) Creative Question- 50	
Students have to answer 5 questions out of 8 questions.	
Marks of every question is 10	50
b) Multiple Choice Question- 25	
a. Students have to answer all 25 questions.	
b. Marks of every question is 1	$\frac{25}{\text{Total} = 75}$
	Total = 75
Pre-Test Examination	
Total working day- 50 days	
Allocated period -27	
<u>Quiz -3 (Working Day-19) Period-09</u> 1. Fifth Chapter: Program Design and C Programming	CIass=09
2. 6th Chapter: Upto query	Class-09
Pre-Test Examination (Working Day-31) Perio	d 19
1. 5th Chapter: Program Design and C Programming	$\frac{10}{Class} = 10$
2. 6th Chapter: Full	Class=08
Mark Distribution of Pre-Test Examination	
Quiz -3	<u> </u>
Attendance	5
Theory $\int Creative Question = 50$	75
<u>M.C.Q = 25</u>	
	Total =100
Marks Distribution of Theory Exam	
a) Creative Question-50	
Students have to answer 5 questions out of 8 questions.	50
Marks of every question is 10 b) Multiple Choice Question- 25	30
Students have to answer all 25 questions.	
Marks of every question is 1	25
	Total = 75
Test Examination	10001 /0
Total working Day-32 days	
Total period-18	
(Total working day-18) period-8	
the Test Exam. (Total working day-32) period-1	
Chapter : 5 th Chapter Full	Class=10
Chapter : 1 to 4 (Repeat)	Class=9
Test exam is whole book	
Science (EV)-11	Syllabus

Mark Distribution of Test Examination	<u>n</u>
Practical exam Theory $\int Creative Question = 50$	=25
Theory $\begin{cases} Creative Question = 50 \\ M.C.Q = 25 \end{cases}$	=75
Marks Distribution of Theory Exam	Total =100
a) Creative Question- 50	
Students have to answer 5 questions out of 8 questions. Marks of every question is 10	50
b) Multiple Choice Question 25	50
Students have to answer all 25 questions.	25
Marks of every question is 1 ** Practical Exam mark distribution:	25
Experiment : 1 Theory-03	12
Use of instruments and data collection-05 Calculation and analysis-04	
Result	5
VIVA Notebook	5 5 3
NOLEDOOK	Total = 25
* The books approved by NCTB are to be taught	
* Besides, the books published according to the syllab	ous & creative
pattern by NCTB can also be taught.* The following authors' books can be taught :	
The following dutions books can be dugit .	
Book Reference:	
1. Information and Communication technology- For others	had Monjur and
<u>Practical</u> 1. Practical Information and Communication technology Haque Niam	- Md. Nimul
* The books for practical class can be selected as per coll	ege instruction.

Subject: Physics 1 st & 2 nd Paper First Term Exam Total working days-75 days Allotted Period-58			First 5 th Cl 6 th Cl Secon
Class Test-1 (Working days-25) Alloted Periods			$2^{nd} C$
First paper : 2 nd Chapter - Vector	11 Periods		First
3 rd Chapter — Dynamics	10 Periods		Seco
Quiz -1 (Working days-23) Alloted Periods-1	6		
First paper :	-		First
10 th Chapter - Ideal Gas and Kinetic Theory of Gases	07 Periods		and r
Second Paper:	00 D · 1		Class
6 th Chapter-Geometrical Optics	09 Periods		
1st Term Examination (Working days-27) Alloted Per	riods_21		Class
First Paper : 4 th Chapter -Newtonian Mechanics	08 Periods		Quiz
1 st Chapter - Physical world and Measurement			Pract
Second Paper: 1 st Chapter- Thermodynamics	07 Periods		Class
and repeatation of Chapters of Glass test-1 and Quiz-1	02 Periods		1 10
Marks Distribution of 1 st Term Examination			
Class Test- 1 20 40-			
Quiz-1 205			
Class Attendance	05		(a) C
1 st Term (Theoritical) Creative- 50			05 Q
L MCQ- 25∫	75		Each
	Total = 100		(b) M 25 Q
Marks Distribution of Theoritical Examination	<u>1:</u>		Each
(a) Creative Question - 50 marks05 Questions are to be answered out of 08 creative Questions	,		
Hach Question carries 10 marks	50		
(b) MCQ-25 marks	50		01 Ez
25 Questions are to be answered out of 25 MCQ.			
Hach Question carries 01 mark	25		
	Total= 75		Resu
Annual Examination			Viva Note
Total working days-71 days			<u>Note</u>
Allotted Period-48			
Science (EV)-13	Syllabus	j l	

Class Test-2 (Working days-20) Alloted Perio	<u>ods-16</u>
First Paper :	
5 th Chapter - Work ,Energy & Power	05 Periods
6 th Chapter - Gravitation and Gravity	05 Periods
Second Paper :	
2 nd Chapter - Static Electricity	06 Periods
Quiz-2 (Working days-23) Alloted Periods	<u>s-14</u>
First Paper : 8 th Cahpter - Periodic motion	06 Periods
Second Paper : 3 rd Chapter - Current Electricity	08 Periods
Annual Examination (Working days-28) Alloted	Periods-18
First Paper : 7 th Chapter - Structural Property of Matter	10 Periods
and repeatation of Chapters of first term examination,	
Class test-2 and quiz-2.	08 Periods
Marks Distribution of Annual Examinati	on
Class Test- 2 20	60÷3 =20
Quiz-2 20 }	
Practical 20	
Class Attendance	05
1 st Term (Theoritical) Creative- 50	
MCQ- 25	75
	Total = 100
Marks Distribution of Theoritical Examina	tion
(a) Creative Question - 50 marks	<u>11011.</u>
05 Questions are to be answered out of 08 creative Quest	ions
Each Question carries 10 marks	50
(b) MCQ - 25 marks	50
25 Questions are to be answered out of 25 MCQ.	
Each Question carries 01 mark	25
	$\frac{25}{1}$
Marks Distribution of Practical Examinat	
01 Experiment- Theory- 03	<u>1011.</u> 10
Usage of apparatus and data collection- (
Calculation and analysis- 03	/+
Result Presentation with explanation-	03
Viva Voice-	03
Note book-	04 03
11015 000K-	
	Total = 20
Science (EV)-14	Syllabus

<u>Pre Test Exam</u> Total working days- 50 days Allotted Period-43			
Quiz-3 (Working days-19) Alloted Periods-18			
First Paper : 9 th Chapter - Wave	08 Periods		
Second Paper :	10 0 1		
4 th Chapter-Magnetic Effect's of Current and Magnetism	10 Periods		
<u>Pre-test (Working davs-33) Alloted Periods-2</u> Second Paper :	<u> </u>		
7 th Chapter - Physical Optics.	07 Periods		
8 th Chapter-Introduction to Modern Physics	10 Periods		
5 th Chaper- Electromagnetic Induction and Alternating current	nt08 Periods		
Marks Distribution of Pre-test	20		
Quiz-3	20		
Class Attendance	05		
Pre-test (Theoritical)- Creative- 50	75		
CMCQ- 25	7.5 Total = 100		
Marks Distribution of Theoritical Examination;	10001 100		
(a) Creative Question - 50 marks			
05 Questions are to be answered out of 08 creative Questions	5.		
Each Question carries 10 marks	50		
(b) MCQ - 25 marks			
25 Questions are to be answered out of	2.5		
25 MCQ. Each Question carries 01 mark	<u>25</u> Total= 75		
	1 otal= 75		
Science (EV)-15	Syllabus		

<u>Test Examination</u> Total working 32 days Allotted Period-24 <u>Test Examination(Working days-30) Alloted Perio</u>	ods-24
Second Paper: 9 th Chapter - Atomic model and Nuclear Phyiscs	07 Periods
10 th Chapter - Semiconductor and Electronics	07 Periods 09 Periods
11 th Chapter- Astroscience	04 Periods
Repeatation	04 Periods
1	04 renous
<u>Marks Distribution of Test Examination;</u> The test examination will cover all the chapters of both Firs	thand Second
Paper.	thand Second
First paper .	
1. Theoritical-∫Creative- 50	75
MCQ- 25	15
2. Practical	25
	Total = 100
Marks Distribution of Theoritical Examination	
(a) Creative Question — 50 marks	
05 Questions are to be answered out of 08 creative Question	IS.
Each Question carries 10 marks	50
(b) MCQ - 25 marks	
25 Questions are to be answered out of 25 MCQ.	
Each Question carries 01 mark	25
	Total= 75
Marks Distribution of Practical Examination	1;
01 Experiment- Theory-03	12
Usage of apparatus and data collection-	05
Calculation and analysis-	04
Result Presentation with explanation-	05
Viva Voice-	05
Note book-	03
	Total = 25
Second paper	
Similar to First paper	
* The books approved by NCTB are to be taught	
* Besides, the books published according to the syllabus	& creative
pattern by NCTB can also be taught.	
* The following authors' books can be taught :	
Science (EV)-16	Syllabus
	- /

Name of books.	Name of Authors
A. Physics-First paper Eleven-Twelve Classes	 Dr. Amir Hussain Khan and Others Eleven- Twelve Classes. (English Version) Dr. Shahjahan Tapan & Others (English Version) Prof. A. T. M Shamsur Rahman (English Version) Prof. Md. Golam Hossain Pramanik & Others
B. Physics- Second paper Eleven- Twelve Classes	 Dr. Amir Hussain Khan and others Eleven-Twelve Classes. (English Version) Dr. Shahjahan Tapan & Others (English Version) Prof. A. T. M Shamsur Rahman Salu and Others (English Version) Prof. Md. Golam Hossain Pramanik & Others (Ev)
* The books for p	ractical class can be selected as per college instruction.

Subject: Chemistry 1 st & 2nd Paper First Term Exam Total working days-75days Allotted Period-55 days		
Class Test-1 (Total working days 25) Allotted Perio		
First Paper : 1 st Chapter - (Full)	03 periods	
2 ⁿ Chapter - (From beginning to Electromagnetic radiation	10	
Hydrogen spectra)	10 Periods	
Second Paper :	0(D : 1	
1 st Chapter- (From beginning to Partial Pressure)	06 Periods	
08 periods 06 periods		
Quiz-1 (Total working days 23) Allotted Periods	-16	
First Paper :		
2nd Chapter - (Form Use of UV & IR rays to end)	06 periods	
3 rd Chapter- (From beginning to Periodic properties & Prope		
oxides)	05 periods	
Second Paper: 1 st Chapter - (Rest of the Chapter)	05 periods	
Revision of class test-1		
First Term Exam (Total working days 27) Allotted Pe	eriods -18	
First Paper :		
1 st chapter: Use of Laboratory with safety measures	04 periods	
2 nd Chapter: Qualitative Chemistry	05 periods	
3 rd Chapter: Periodic Properties of Elements and Chemical E		
(Rest of the part)	09 periods	
Second Paper : 1 st Chapter (full)		
Marks Distribution of First Term Examinatio	<u>n</u>	
	$\div 2 = 20$	
Quiz-1 20		
Class Attendance	05	
Half Yearly (Theoritical) Creative- 50		
LMCQ- 25∫	75	
	Total = 100	
Marks Distribution Creative Question:		
a. Creative Questions =50 marks Five out of Eight		
Each of the question carries 10 marks	5×10=50	
b. MCQ- 25 marks		
Each of the question has equal value and carries 01 marks	1×25=25	
<u> </u>	Total=75	
Science (EV)—18	Syllabus	

Annual Examination	Marks Distribution Creative Question:	
Total working days-71 days	a. Creative Questions 50 marks	
Allotted Period-48	Five out of eight	5 10 50
Class Test-2 (Total working days 20) Allotted Periods -12 First Paper :	Each of the question carries 10 marks b. MCQ- 25 marks	5×10=50
4^{th} Chapter - (From beginning to Relation between Kp & Kc) 13-Periods	Each of the question has equal value and carries 01 marks	1×25=25
	Due Test From	Total=75
Quiz-2 (Total working days 23) Allotted Periods -18	<u>Pre Test Exam</u> Total working days- 50 days	
First Paper :	Allotted Period-40	
4 th Chapter - (From Ionic product of water to end) 10 Periods	Ouiz -3 (Total working days 19) Allotted Periods -14	
5 th Chapter - Vocational Chemistry 08 Periods	2nd Paper :	
Revision of class test-2	2nd Chapter (From Beginning Benzene)	07 periods
	3rd Chapter (From Beginning to Nutralization Reaction)	07 periods
Annual Exam (Total working days 28) Allotted Periods - 18	Pre-test (Total working days 31) Allotted Pariods	-26
First Paper : 1 st chapter: Safe Use of Laboratory	⁰² per ^c Second Paper :	
2 nd Chapter: Qualitative Chemistry	⁰⁴ per ^{2nd} Chapter - Organic Chemistry (Rest of the part)	10 periods
3 rd Chapter: Periodic Properties and Chemical bonding of elements	05 period 3 rd Chapter (Rest of the Chapter)	10 period
4 th Chapter: Chemical Change	02 peric 4th Chapter - Electro chemistry (From Beginning to Galvanniceel)	06 periods
5th Chapter: Vocational Chemistry	01 peric Marks Distribution of Pre-test Examination First p	aper
2 nd Paper : 1 st Chapter : Environmental Chemistry	04 perc Quiz-3; Class Attendance	20
		05
Revision of class test-1,2 and quiz-1,2.	Annual Examination (Theoretical)- Creative- 50	
	MCQ- ⁺ 25	75
Marks Distribution of Annual Examination		Total = 100
<u>First paper</u>	Marks Distribution Creative Question:	
Class Test- 2 20 $60 \div 3 = 20$		
Quiz-2 20 }	Five out of eight	5 10 50
Practical 20	Each of the question carries 10 marks b. MCQ- 35 marks	5×10=50
Class Attendance 05	Each of the question has equal value and carries 01 marks	1×25=25
Annual Examination (Therortical) Creative- 50 MCO- 25 75	Lach of the question has equal value and earnes of marks	$\frac{1 \times 23 - 23}{\text{Total} = 75}$
<u>MCQ- 25 75</u> Total = 100	Test Examination	10101 70
1 0tal = 100	Total working days-32 days	
Marker Distribution for Duratical around	Allotted Period-23 days	
Marks Distribution for Practical exam:	Test, exam. (Total working days 30) Allotted Period	ds -23
1. Experiment $10 \times 1 = 10$	Second paper :	
2. Note book =05	4 th Chapter - Electrochemistry (Rest of the part)	13 periods
$\frac{3. \text{ Viva}}{\text{Total}=20}$	Second paper : 5 th Chapter - Economic chemistry	10 periods
Total=20	The test examination will cover all the chapters both $1^{st} \& 2^{nd}$	
		<u> </u>
Science (EV)-19 Syllabus		yllabus

Marks Distribution of	f test Examination	
Practical	_	25
Annual exam (theoretical) : Creative 5	0	
LMCQ 25	T (1	<u> </u>
	Total	= 100
Marks Distribution C	reative Question.	
a. Creative Questions =50 marks	Teative Question.	
Five out of eight		
Each of the question carries 10 marks	5×1	0=50
b. MCQ- 25 marks	5/1	10 50
Each of the question has equal value at	nd carries 01 marks 1×2	25=25
Buen of the question has equal value a		al=75
Marks distribution of Practicel of Exan		
List of reference Chemistry books (1	st & 2 nd Paper)	
* The books approved by NCTB are	e to be taught	
* Besides, the books published acco	•	tive
pattern by NCTB can also be taug		
* The following authors' books can		
Name of books	Name of Authors	
1. Chemistry- 1 st & 2 nd paper	1.Haradhan Nag	
	2.Ahsanulkabir	
	3. Swapan Kumar Mistry	
	4. Md. Abu Salek	
	5. MahbubHasan Lingcon	L I
* The books for practical class can be	selected as per college instru	uction
The books for practical class call be	science as per conege instit	
		.
Science (EV	/)-21 Syllabus	s

Ouiz-1 (Working Days-23) periods-19First Paper : 2^{nd} Chapter - Cell Division05 periodsSecond paper : 2^{nd} Chapter - Introduction to Animal (Hydra, Grasshopper)14 periodsSyllabus of Class test-1 will be included in Quiz-1 $1^{tt} term exam (Working Days-27) periods- 16First Paper : 3^{rd} Chapter-Cell Chemistry08 periodsSecond Paper :2^{nd} Chapter - Introduction to Animal (Rohu Fish)3^{rd} Chapter - Introduction to Animal (Rohu Fish)3^{rd} Chapter - Introduction to Animal (Rohu Fish)3^{rd} Chapter - Introduction for first Terminal ExaminationO8 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1^{st} term examMarks Distribution for first Terminal ExaminationClass Test-120Quiz-120Quiz-120Creative- 50Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks5 \times 10= 50B)MCQ- 25 marks$	Subject: Biology 1 st & 2 nd Paper First Term Exam Total Working Days: 75 Periods: 55	
1 st Chapter - Cell and it's structure11 periodsSecond paper :1st Chapter - Animal Diversity and Classification09 periods Duiz-1 (Working Days-23) periods- 19 9First Paper : 2^{nd} Chapter - Cell Division05 periodsSecond paper :2nd Chapter - Introduction to Animal (Hydra, Grasshopper)14 periodsSyllabus of Class test-1 will be included in Quiz-114 periods1st term exam (Working Days-27) periods- 1616First Paper : 3^{rd} Chapter-Cell Chemistry08 periodsSecond Paper :2nd Chapter - Introduction to Animal (Rohu Fish)3rd Chapter - Introduction to Animal (Rohu Fish)3rd Chapter-Human physiology:Digestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1^{st} term examMarks Distribution for first Terminal Examination (Class Test-1)20Class Test-12040÷2Quiz-120Class Attendance051st Term exam (Theoritical)Creative-50 MCQ- 25Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10= 50$ B)MCQ- 25 marks		
Second paper : 1 st Chapter - Animal Diversity and Classification 09 periods <u>Quiz-1 (Working Days-23) periods-19</u> First Paper : 2 nd Chapter - Cell Division 05 periods Second paper : 2 nd Chapter - Introduction to Animal (Hydra, Grasshopper) 14 periods Syllabus of Class test-1 will be included in Quiz-1 <u>1st term exam (Working Days-27) periods-16</u> First Paper : 3 rd Chapter-Cell Chemistry 08 periods Second Paper : 2 nd Chapter - Introduction to Animal (Rohu Fish) 3 rd Chapter - Introduction for first Terminal Examination Class Test-1 20 Quiz-1 20 Class Attendance 05 1 st Term exam (Theoritical) Creative-50 MCQ- 25 75 Total = 100 <u>Marks distribution for theoretical exam</u> : A) Creative questions - 50 marks. Out of 8 questions any 5 have to write. Each of the questions carries 10 marks 5 × 10= 50 B)MCQ- 25 marks		11 morrie da
1st Chapter - Animal Diversity and Classification09 periodsQuiz-1 (Working Days-23) periods- 199First Paper : 2^{nd} Chapter - Cell Division05 periodsSecond paper :14 periods 2^{nd} Chapter - Introduction to Animal (Hydra, Grasshopper)14 periodsSyllabus of Class test-1 will be included in Quiz-114 periodsIt term exam (Working Days-27) periods- 16First Paper : 3^{rd} Chapter-Cell Chemistry08 periodsSecond Paper :08 periods2nd Chapter - Introduction to Animal (Rohu Fish)08 periods3rd Chapter - Introduction to Animal (Rohu Fish)08 periods3rd Chapter - Human physiology:08 periodsDigestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1^{st} term examMarks Distribution for first Terminal Examination Quiz-120Class Test-12040÷2Quiz-120Quiz-120Quiz-120Class Attendance051st Term exam (Theoritical)Creative- 50 MCQ- 257575Total = 100Marks distribution for theoretical exam: A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks5 ×10= 50B)MCQ- 25 marks	•	r i periods
First Paper : 2^{nd} Chapter - Cell Division05 periodsSecond paper : 2^{nd} Chapter - Introduction to Animal (Hydra, Grasshopper)14 periodsSyllabus of Class test-1 will be included in Quiz-1 <u>1st term exam (Working Days-27) periods- 16</u> First Paper : 3^{rd} Chapter-Cell Chemistry08 periodsSecond Paper : 2^{nd} Chapter - Introduction to Animal (Rohu Fish)3rd Chapter - Introduction for first Terminal ExaminationClass test-1 and Quiz-1 will be included in 1 st term examMarks Distribution for first Terminal ExaminationClass Attendance051st Term exam (Theoritical) [Creative- 50]Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Eac	1 st Chapter - Animal Diversity and Classification	09 periods
Second paper :2nd Chapter - Introduction to Animal (Hydra, Grasshopper)14 periodsSyllabus of Class test-1 will be included in Quiz-11* term exam (Working Days-27) periods- 16First Paper : 3rd Chapter-Cell Chemistry08 periodsSecond Paper :2nd Chapter - Introduction to Animal (Rohu Fish)3rd Chapter - Human physiology:Digestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1st term examMarks Distribution for first Terminal ExaminationClass Test-120Quiz-120Quiz-120Class Attendance05Marks distribution for theoretical exam:MCQ- 2575Total = 100Marks distribution for theoretical exam:A) Creative questions any 5 have to write.Each of the qu	Quiz-1 (Working Days-23) periods- 19	
2^{nd} Chapter - Introduction to Animal (Hydra, Grasshopper)14 periodsSyllabus of Class test-1 will be included in Quiz-1 1^{st} term exam (Working Days-27) periods- 16First Paper : 3^{rd} Chapter-Cell Chemistry08 periodsSecond Paper : 2^{nd} Chapter - Introduction to Animal (Rohu Fish) 3^{rd} Chapter - Introduction to Animal (Rohu Fish) 3^{rd} Chapter-Human physiology:Digestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1^{st} term examMarks Distribution for first Terminal ExaminationClass Test-120Quiz-120Class Attendance05 1^{st} Term exam (Theoritical)Creative- 50 $Marks$ distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10= 50$ B)MCQ- 25 marks		05 periods
Syllabus of Class test-1 will be included in Quiz-1 $\frac{1^{st} \text{ term exam (Working Days-27) periods-16}}{First Paper : 3^{rd} Chapter-Cell Chemistry 08 periods}$ Second Paper : $2^{rd} Chapter - Introduction to Animal (Rohu Fish)$ $3^{rd} Chapter - Human physiology: 08 periods$ Syllabus of Class test-1 and Quiz-1 will be included in 1 st term exam $\frac{Marks \text{ Distribution for first Terminal Examination}}{Quiz-1 20} = 20$ Quiz-1 20 Class Attendance 05 $1^{st} \text{ Term exam (Theoritical) Creative- 50} $ $Total = 100$ $\frac{Marks \text{ distribution for theoretical exam:}}{Marks \text{ distribution for theoretical exam:}}$ A) Creative questions - 50 marks. Out of 8 questions any 5 have to write. Each of the questions carries 10 marks 5 × 10= 50 B)MCQ- 25 marks		14 . 1
1** term exam (Working Days-27) periods- 16First Paper : 3^{rd} Chapter-Cell Chemistry08 periodsSecond Paper :2 nd Chapter - Introduction to Animal (Rohu Fish)3 rd Chapter - Human physiology:Digestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1 st term examMarks Distribution for first Terminal ExaminationClass Test- 120Quiz-120Class Attendance051 st Term exam (Theoritical)Creative- 50Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks5 ×10= 50B)MCQ- 25 marks		14 periods
First Paper : 3^{rd} Chapter-Cell Chemistry08 periodsSecond Paper : 2^{nd} Chapter - Introduction to Animal (Rohu Fish) 3^{rd} Chapter - Introduction to Animal (Rohu Fish) 3^{rd} Chapter - Human physiology:Digestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1^{st} term examMarks Distribution for first Terminal ExaminationClass Test-120Quiz-120Class Attendance05 1^{st} Term exam (Theoritical)Creative- 50 $Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks5 \times 10= 50B)MCQ- 25 marks$		
Second Paper : 2^{nd} Chapter - Introduction to Animal (Rohu Fish) 3^{rd} Chapter - Human physiology: Digestion and Absorption 08 periods Syllabus of Class test-1 and Quiz-1 will be included in 1 st term exam <u>Marks Distribution for first Terminal Examination</u> Class Test-1 20 40÷2 =20 Quiz-1 20 Class Attendance 05 1^{st} Term exam (Theoritical) Creative- 50 MCQ- 25 75 Total = 100 <u>Marks distribution for theoretical exam:</u> A) Creative questions - 50 marks. Out of 8 questions any 5 have to write. Each of the questions carries 10 marks $5 \times 10=50$ B)MCQ- 25 marks	<u>1 term exam (working Days-27) periods- 10</u> First Paper : 3 rd Chapter Cell Chemistry	
2^{nd} Chapter - Introduction to Animal (Rohu Fish) 3^{rd} Chapter - Human physiology:Digestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1 st term examMarks Distribution for first Terminal ExaminationClass Test-120Quiz-120Class Attendance051 st Term exam (Theoritical)Creative- 50Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks	· ·	vo perious
3^{rd} Chapter-Human physiology:08 periodsDigestion and Absorption08 periodsSyllabus of Class test-1 and Quiz-1 will be included in 1^{st} term examMarks Distribution for first Terminal ExaminationClass Test-120Quiz-120Class Attendance05 1^{st} Term exam (Theoritical)Creative- 50 MCQ- 25 75 Total = 100Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks		
Digestion and Absorption 08 periods Syllabus of Class test-1 and Quiz-1 will be included in 1 st term exam		
Syllabus of Class test-1 and Quiz-1 will be included in 1 st term exam		08 periods
Class Test- 1 20 Quiz-1 20 Class Attendance 05 1^{st} Term exam (Theoritical) Creative- 50 MCQ- 25 75 Total = 100 Marks distribution for theoretical exam: A) Creative questions - 50 marks. Out of 8 questions any 5 have to write. Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks		
Class Test- 1 20 Quiz-1 20 Class Attendance 05 1^{st} Term exam (Theoritical) Creative- 50 MCQ- 25 75 Total = 100 Marks distribution for theoretical exam: A) Creative questions - 50 marks. Out of 8 questions any 5 have to write. Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks	Marke Distribution for first Torminal Evominat	ion
Quiz-1 $20 \int$ Class Attendance05 1^{st} Term exam (Theoritical) $Creative-50$ MCQ- 25 $MCQ-25$ 75Total = 100Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks		
Class Attendance05 1^{st} Term exam (Theoritical)Creative- 50 MCQ- 2575Total = 100Total = 100Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks	> >	.2 -20
$1^{st} \text{ Term exam (Theoritical)} \qquad \begin{array}{c} \text{Creative- 50} \\ \text{MCQ- 25} \end{array} & \begin{array}{c} 75 \\ \text{Total} = 100 \end{array}$ $\hline \text{Marks distribution for theoretical exam:} \\ \text{A) Creative questions - 50 marks.} \\ \text{Out of 8 questions any 5 have to write.} \\ \text{Each of the questions carries 10 marks} & \begin{array}{c} 5 \times 10 = 50 \end{array}$ $\hline \text{B}\text{MCQ- 25 marks} \end{array}$		05
$\frac{MCQ-25}{75}$ Total = 100 $\frac{Marks \text{ distribution for theoretical exam:}}{A) \text{ Creative questions - 50 marks.}}$ Out of 8 questions any 5 have to write. Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ-25 marks		00
Total = 100Marks distribution for theoretical exam:A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks		75
A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks		
A) Creative questions - 50 marks.Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks		
Out of 8 questions any 5 have to write.Each of the questions carries 10 marks $5 \times 10 = 50$ B)MCQ- 25 marks	A) Creative questions - 50 marks.	
B)MCQ- 25 marks	Out of 8 questions any 5 have to write.	
	Each of the questions carries 10 marks	5 ×10= 50
	B)MCQ- 25 marks	
25 questions are to give.	25 questions are to give.	
Each of the questions has equal value and carries 01 $1 \times 25 = 255$	Each of the questions has equal value and carries 01	1×25=255
Total Theoretical marks: 75		l marks: 75
Science (EV)-22 Syllabus	Science (EV)-22	Syllabus

Annual Examination Total Working Days: 71	
Periods: 51	
Class test- 2 (Working Days-20) periods- 15	
First Paper : 4 th Chapter - Microorganisms	06 periods
Second Paper : 4 th Chapter - Human physiology: Blood and H	
circulation	09 periods
Quiz - 2 (Working Days-23) periods- 16	1
First Paper :5 th Chapter - Algae and Fungi 09 periods	
Second Paper :5th Chapter -Human physiology: Breathing and	d
Respiration	07 periods
Syllabus of Class test-2 will be included in Q	
Annual Exam (Working Days-28) periods- 20	
First Paper :6 th Chapter –Bryophyta and Pteridophyta1	2 periods
Second Paper : 6 th Chapter -Human physiology: Waste and excretion	08 periods
And Revision of Previous Chapter	
Marks distribution for Annual Examination	
Class test- 2 20	60÷3=20
Quiz - 2 20 }	
Practical examination 20	
Class attendance=05	
Annual Exam (Theoretical): Creative - 50	=75
MCQ- 25 J	T () 100
	Total = 100
Marks distribution for Practical exam: 1. Dissection and Indentation	12
	12
2. Note book	03
3. Viva	<u>05</u> Total=20
Marks distribution for theoretical exam:	
A) Creative questions – 50 marks.	
Out of 8 questions any 5 have to write.	
Each of the questions carries 10 marks.	5 ×10= 50
B) MCQ - 25 marks	•
25 questions are to give.	
Each of the questions has equal value and carries 01 marks	1×25=25
	Total = 75
	vllahua
Science (EV)-23 S	yllabus

	Practical exam syllabus of first paper	
	Observation of Plant Diversity.	
	Different stage of Mitotic cell division.	
	Observation of Bacteria.	
	Identification of Malvaceae and Poaceaefamily.	
	Observation of the transverse section of roots and Monocotyledon plants.	l shoots of
6.	To examine the importance of CO_2 in photosynthesis.	
	Examination of Anaerobicrespiration.	
	Pre-Test Exam	
	Total Working Days: 50	
	Periods: 35	
Quiz	2 3(Working Days-19) periods-15	
First	Paper :7 th Chapter-Gymnospermic and Angiospermic plan	nts08 periods
Seco	nd Paper : 7 th Chapter -Human Physiology:	_
Loco	motion and Body movement.	07 Periods
Pre-	test exam (Working Days-31) periods- 20	
First	Paper : 8 th Chapter - Tissue and Tissue system	05 periods
	9 th Chapter -Plant physiology	05 periods
	nd Paper:	
8^{th} C	hapter -Human physiology: Coordination and Control	05 periods
	Chapter - Genetics and Evolution	05 periods
Sylla	bus of Quiz-3 will be included in Pre- Test Exam	
	Marks distribution forPre-TestExamination	
Quiz		= 20
Class	s attendance	= 05
Annu MCC	al exam (Theoretical) : Creative-50	=75
	2-25	Total =100
	ks distribution for theoretical exam:	
	Creative questions – 50 marks	
	of 8 questions any 5 have to write.	
	of the questions carries 10 marks.	5 ×10= 50
	ICQ - 25 marks	
25 qu	lestions are to give.	
Each	of the questions has equal value and carries 01 marks	$1 \times 25 = 25$
		Total = 75

Science (EV)-24

Syllabus

<u>Test Examination</u> Total Working Days: 32 Periods: 24	
Test Exam (Working Days-32) periods- 24 Frist Paper : 10 th Chapter - Plant Reproduction 11 th Chapter - Biotechnology	
Frist Paper : 10 th Chapter - Plant Reproduction	03 periods
11 th Chapter - Biotechnology	05 periods
12 th Chapter – Environment, Distribution and	
Conservation of Living Organisms	04 periods
Second Paper : 9 th Chapter - Continuation of human life	03 periods
10 th Chapter -Immunity of Human Body	05periods
12 th Chapter -Animal Behavior	04 periods
*** First paper and second paper questions will be made on entire syllabus.	separately
Marks distribution for TestExamination	
Practical	25
Annual exam (Theoretical) : Creative -50	75
MCQ-25	
	Total =100
<u>Marks distribution for Theoretical exam:</u> A) Creative questions – 50 marks.	
Out of 8 questions any 5 have to write.	
Each of the questions carries 10 marks.	5 ×10= 50
B) MCQ - 25 marks	5 × 10- 50
25 questions are to give.	
Each of the questions has equal value and carries 01 marks	$01 \times 25 = 25$
Luch of the questions has equil value and earnes of marks	$01 \times 25 = 25$ Total = 75
**Marks distribution of practical exam:	
DissectionAnd Identification	17
Viva Voice	05
Note Book	03
	Total = 25
Second Paper : Same as first paper.	
Science (EV)-25	Syllabus

1.	<u>Practical syllabus of Second paper</u> Study of Museum Specimen (Non-Chordates-5, Chordates-4)
2.	Study of Permanent Slide
3.	Study of Mouth parts of cockroach & Digestive system of
	Cockroach
4.	Study of Efferent Branchial system (Rohu fish/Lata fish)
5.	Study of Afferent Branchial system (Rohu fish/Lata fish)
6.	Study of Gill of fish (Rohu fish)
7.	Study of Air bladder of fish(Rohu fish)
8.	Study of Skeletal system of Human.
List	of reference Biology Books (1 st & 2 nd Paper)
*	The books approved by NCTB are to be taught
*	Besides, the books published according to the syllabus & creative
	pattern by NCTB can also be taught.
*	The following authors' books can be taught :
	ne of the Book Name of the Author
Biol	ogy 1 st paper 1. Md. MizanurRahman
	2.DrMd.AbdulAlim
Clas	s 11-12 3. ParnbandhuBiswas
	4. Prof.Md.NazimUddinet al
Nan	ne of the BookName of theAuthor
	ogy 2 nd paper 1. Dr. Md. AbdulAlim
Clas	s 11-12 2. Md. Abdul Kaiyum and Prof. MeghnadSaha
	3. Prof. NazimUddin
* T.	he books for practical class can be selected as per college instruction.?/
Nan	ne of the Book Name of the Author
Biol	ogy 1 st and 2 nd Paper 1. Md. MizanurRahman
(Pra	ctical) 2. LammiaSharmin
	Science (EV)-26 Syllabus

Subject: Higher Math 1 st & 2 nd Pape First Term Exam Total working days-75 days Allotted Period-51 days	er		Class Test	Total working Allotted 1	<u>camination</u> g days-67 days Period-54 ys-I7) Allotted Peri	ods-14
Class Test-1 (Working days-31) Allotted Periods-2	25	1 st	^t paper.		•	
1 st paper :				on and Graph of I	Functions [Exercise-	8] (
1 st Chapter - Matrix and Determinants [Exercise: 1.1-1.2]	11 Periods		eriods	[[()]	00 D
3 rd Chapter - Straight lines [Exercise- 3.1 - 3.5]	14 Periods	6	^a Chapter : Conies	[Exercise:-6.1 -	6.3]	08 Perio
Quiz-l (Working days-24) Allotted Periods-20			Quiz-2	(Working days-	25) Allotted Period	<u>s-20</u>
1^{st} paper :		1 st	paper : 9 th Chapt	er - Differentiati	on [Exercise:-9.1 - 9	9.9] 13 Perio
	08 Periods				tions [Exercise- 5.1 - 5	5.2] 07 Perio
th Chapter - Trigonometric Ratios of Associated Angles		Re	evision of class tes	st-2		
	12 Periods					D 1 1 40
Revision of class test-1		a st	Annual Examination	<u>nation (Workin</u>	g days-25) Allotted	<u>Periods-20</u>
			^d Paper: 10 th Chap	ter - Integration	[Exercise- 10.1 - 10. ession [Exercise-5.1 - :	/] 11 Perio
1 ^s ' Term Examination (Working days-20) Allotted Per	iods-16		evision of class tes			5.2] 09 Perio
Syllabus of class test-l and class test-2:		Ke	evision of class les	st 1,2 and Quiz 1	,2.	
	08 Periods		Manka	Distribution of	f Annual Examinati	on
nd Paper : 7 th Chapter - Inverse Trigonometric Function &		CL	lass Test- 2		I Annual Examinati	$\frac{1011}{60 \div 3} = 2$
rigonometric Equations [Ex-7.1 - 7.2]	08 Periods			$20 \\ 20 \\ 20 \\ 20 \\ 20 \\ 20 \\ 20 \\ 20 \\$		60÷3 –2
			uiz-2 actical	$20 \\ 20 \end{bmatrix}$		
<u>Marks Distribution of 1st Term Examination</u>			lass Attendance	209		(
Class Test- 1 20 20 40÷2	2 =20		nnual Examination	(Therortical)	Creative- 50	(
Quiz-1 20				-	MCQ- 25	-
Class Attendance	05					Total = 1(
1^{st} Term exam (Theoritical) \int Creative- 50 \int			Marks D)istribution of T	heoretical Examina	
L MCQ- 25∫	75	(a)) Creative Question		neor cucur Examina	
	otal = 100	× /	,		them any 5question	are to be
Marks Distribution of Theoretical Examination:			-		menn any squestion	
(a) Creative Question - 50 marks	,		iswered.			
Total 8 question will be given out of them any 5question are to			ach Question carrie	es 10 marks		-
answered Each Question carries 10 marks	50	(b)) MCQ 25 marks			
(b) MCQ 25 marks		То	otal 25 questions w	vill be given. All	questions are to be a	answered
Total 25 questions will be given. All questions are to be answer		Ea	ach Question carrie	es 01 marks	-	
Each Question carries 01 marks	<u>25</u> Tetel= 75					Total= 7
	Total= 75					i Utai-
Science (EV)-27 Stience (EV)-27	/llabus			Science	(EV)-28	Syllabus

<u>Pre-test Examination</u> Total working days-48 days Allotted Period-38 days				
Quiz-3 (Working davs-20) Allotted Peri	ods-16		Eirst 2 nd Cl	
2 th Paper :			$ \frac{1}{6}^{\text{th}} Ch $ $ 2^{\text{th}} P $	
1 st Chapter - Real numbers and Inequalities [Exercise- 1.1-1.2] 10 periods				
10 th Chapter :			Period 9 ^{lh} Ch	
Measures of Dispersions & Probabilities [Exercise-10	.1 - 10.2]06 periods		9 CI	
Prc-test (Working days-28) Allotted Per	iods-22			
Full syllabus of Quiz-3			T (
2 th paper:			Test e 1 st Pa	
2 nd Chapter-Liner Programming (Exercise-2)	04 Periods		First	
3 rd Chapter - Complex Numbers [Exercise: - 3]	06 Periods		1. Pra	
8 th Chapter: Statics [Exercise: 8.1-8.4]	12 Periods		2. Th	
Marks Distribution of Pre-test				
Quiz-3	= 20			
Class Attendance	= 05			
Pre-test (Theoretical)-			(a) Cı 05 Qı	
<u> </u>	$\frac{75}{\text{Total}=100}$		Each	
	1 otal =100		(b) M	
Marks Distribution of Theoretical Exami	ination		25 Qi	
(a) Creative Question - 50 marks			Each	
Total 8 question will be given out of them any Squestion	on are to be			
answered			1 Exp	
Each Question carries 10 marks	50		r	
(b) MCQ 25 marks	20			
Total 25 questions will be given. All questions are to b	be answered		Prese	
Each Question carries 01 marks	25		Viva Practi	
	Total=75		<u>1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 4 0 1 1 1 4 0 1 1 1 1</u>	
Science (EV)-29	Syllabus			

<u>Test Examination</u> Total working days-25 days Allotted Period-20 days <u>Test Exam. (Working days-13) Allotted Periods</u>	- <u>20</u>
First Paper	04 D · 1
2 nd Chapter - Vectors [Exercise: - 2] 6 th Chapter - Trigonometric Ratios [Exercise: 6.1-6.3] 2 th Paper :	04 Periods 03 Periods
^{4th} Chapter - Polynomial and polynomial Equations [Exercise: 4.1 Periods	-4.2] 06
^{bh} Chapter- Motion of particles in a Plane [Exercise-9.1 - 9.4]	07 Periods
Full syllabus of Previous Examination	
Marks Distribution of Test Examination	
Test examination will be held separately According to the fu	ll syllabus of
1 st Paper and 2 nd Paper book.	
First paper& 2 nd Paper	
1. Practical-	25
2. Theoretical- Creative- 50	75
MCQ- 25	, c
	Total =100
	10001 100
Marks Distribution of Theoretical Examination	n:
(a) Creative Question - 40 marks	
05 Questions are to be answered out of 08 creative Questions	2
Each Question carries 10 marks	50
	50
(b) MCQ - 25 marks	
25 Questions are to be answered out of 25 MCQ.	25
Each Question carries 01 marks	25
	Total= 75
<u>Marks distribution of practical examination</u>	
1 Experiment C Theory -03	
Use of instruments and Data Collection -05	5
Calculation and Analysis -04	12
Presentation of results with explaimation	05
Viva voce	05
Practical Note book	03
indidul 11000 000R	Total 25
	10tal 23
Science (EV)-30	Syllabus

List of Text book		
Name of the book	Name of the writers	
	1. Md. Rafiqul Islam, Kazi Kamruzzaman &	
	Others. Ruponti Publication.	
TT I N. (I ('	2.A.T.S.M Masudul Hakim, Md. Abdul	
Higher Mathematics	Mannan Khan & Othres. Sectec Publication 3. Md. Nazrul Islam and'Md. Ketab Uddin	
1 st Paper.	4. Ashim kumar Saha & Others. Akkhar Patra	
	Publication.	
	5. M. A Jabbar and S.U Ahmed	
ame of the book	Name of the writers 1. Md. Rafiqul Islam, Kazi Kamruzzaman &	
	Others. Ruponti Publication.	
	2. A.T. S. M Masudul Hakim, Md. Abdul	
Higher Mathematics		
2nd Paper.	3. Md. Nazrul Islam and Md. Ketab Uddin	
	4. Ashim kumar Saha & Others. Akkhar Patra	
	Publication	
	5. M. A Jabbar and S.U Ahmed	
	Science (EV)-31 Syllabus	

