

**SYLLABUS OF CLASS 10 (SCIENCE)**

**2017-18**

PERIODIC TEST I (a) 20 Marks Date: 15-Jun-2017 (38 days)	PERIODIC TEST I (b) 20 Marks Date: 24-July-2017 (27 days)	PERIODIC TEST II (HALF YRLY) 80 Marks Date: 15-Sep-2017 (35 days)	PERIODIC TEST III 40 Marks Date: 20-Nov-2017 (26 days)	ANNUAL EXAM. 80 Marks Date: 15-Feb-2018 (55 days)
<b>PHYSICS</b>	<b>PHYSICS</b>	<b>PHYSICS</b>	<b>PHYSICS</b>	<b>PHYSICS</b>
LESSON 12: ELECTRICITY	LESSON 13: MAGNETIC EFFECT OF CURRENT	LESSON 10: LIGHT	LESSON 11: HUMAN EYE	LESSON 14: SOURCES OF ENERGY
1. Ohm's Law 2. Heating effect	1. DC Motor 2. AC Generator	1. Reflection of Light 2. Refraction of Light	1. Human Eye & Colourful World	1. Conventional Sources 2. Alternative Sources
<b>CHEMISTRY</b>	<b>CHEMISTRY</b>	<b>CHEMISTRY</b>	<b>CHEMISTRY</b>	<b>CHEMISTRY</b>
LESSON 1 & 2	LESSON 2 & 3:	LESSON 3:	LESSON 5: Periodic classifications of elements	LESSON 4
1. Chemical Reactions 2. Acids	2. Bases & Salts (Continued) 3. Metals (Half)	3. Remaining part of Metals & Non-Metals	1. Periodic laws 2. Properties of elements according to group and period	4. Carbon & its Compounds
<b>BIOLOGY</b>	<b>BIOLOGY</b>	<b>BIOLOGY</b>	<b>BIOLOGY</b>	<b>BIOLOGY</b>
LESSON 6: LIFE PROCESSES	LESSON 6:	LESSON 7 & 8:	LESSON 8 & 9:	LESSON 15 & 16:
1. Nutrition in plants and animals 2. Respiration in plants and animals 3. Transportation in Plants & Animals	4. Excretion in Animals & Plants 5. Control & Co-ordination in Plants & Animals	6. Nervous System in Animals 7. Reproduction in Plants (a) Asexual Reproduction (b) Sexual Reproduction	8. Heredity & Evolution 9. Human Evolution	* Natural Resources * Our Environment
<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>
*WRITTEN TEST OF 20 [P 7, C 6, B 7] MARKS	*WRITTEN TEST OF 20 [P 7, C 6, B 7] MARKS	*WRITTEN TEST OF 80 MARKS REDUCED TO 40 MARKS	*WRITTEN TEST OF 40 MARKS	*WRITTEN TEST OF 80 MARKS (WHOLE SYLLUBUS: PERIODIC I, II, III & ANNUAL)
PERIODIC I (a) + I (b) = 40 MARKS		PERIODIC II = 40 MARKS	PERIODIC III = 40 MARKS	
AVERAGE OF BEST TWO OF PERIODIC TESTS REDUCED TO 10 MARKS + 5 MARKS FOR COPY + 5 MARKS FOR PRACTICAL = 20 MARKS				PERIODICS 20 MARKS + ANNUAL 80 MARKS = 100 MARKS

## SYLLABUS OF CLASS 10 (SCIENCE) 2017-18

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<b>LESSON 12: ELECTRICITY</b>	<b>LESSON 13: MAGNETIC EFFECT OF CURRENT</b>	<b>LESSON 10: LIGHT</b>	<b>LESSON 11:</b>	<b>LESSON 14: SOURCES OF ENERGY</b>
1. Ohm's Law 2. Heating effect	1. DC Motor 2. AC Generator	1. Reflection of Light 2. Refraction of Light	1. Human Eye & Colourful World	1. Conventional Sources 2. Alternative Sources
<b>CHEMISTRY</b>	<b>CHEMISTRY</b>	<b>CHEMISTRY</b>	<b>CHEMISTRY</b>	<b>CHEMISTRY</b>
<b>LESSON 1 &amp; 2</b>	<b>LESSON 2 &amp; 3:</b>	<b>LESSON 3:</b>	<b>LESSON 5:</b>	<b>LESSON 4</b>
1. Chemical Reactions 2. Acids	3. Bases & Salts Metals (Half)	3. Remaining part of Metals & Non-Metals	5. Classification of Metals	4. Carbon & its Compounds
<b>BIOLOGY</b>	<b>BIOLOGY</b>	<b>BIOLOGY</b>	<b>BIOLOGY</b>	<b>BIOLOGY</b>
<b>LESSON 6: LIFE PROCESSES</b>	<b>LESSON 6:</b>	<b>LESSON 7 &amp; 8:</b>	<b>LESSON 8 &amp; 9:</b>	<b>LESSON 15 &amp; 16:</b>
1. Nutrition in plants and animals 2. Respiration in plants and animals 3. Transportation in Plants & Animals	4. Excretion in Animals & Plants 5. Control & Co-ordination in Plants & Animals	6. Nervous System in Animals 7. Reproduction in Plants (a) Asexual Reproduction (b) Sexual Reproduction	8. Heredity & Evolution 9. Human Evolution	* Natural Resources * Our Environment
<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>ASSESSMENT</b>
*WRITTEN TEST OF 20 [P 7, C 6, B 7] MARKS	*WRITTEN TEST OF 20 [P 7, C 6, B 7] MARKS	*WRITTEN TEST OF 80 MARKS REDUCED TO 40 MARKS	*WRITTEN TEST OF 40 MARKS	*WRITTEN TEST OF 80 MARKS (WHOLE SYLLUBUS: PERIODIC I, II, III & ANNUAL)
PERIODIC I (a) + I (b) = 40 MARKS		PERIODIC II = 40 MARKS	PERIODIC III = 40 MARKS	
<b>AVERAGE OF BEST TWO OF PERIODIC TESTS REDUCED TO 10 MARKS + 5 MARKS FOR COPY + 5 MARKS FOR PRACTICAL = 20 MARKS</b>				<b>PERIODICS 20 MARKS + ANNUAL 80 MARKS = 100 MARKS</b>

# HOLY CROSS SCHOOL

2017-2018

## ENGLISH

QUESTION PATTERN FOR CLASSES IX & X

PERIODIC TEST 1A & 1B (20 MARKS EACH)

SECTION – A (READING)	Q. NO.		MARKS
ONE PASSAGE	1.5X1	=	5
SECTION – B (WRITING)			
TWO COMPOSITIONS	2.2.5		
	3.2.5	=	5
SECTION – C (GRAMMAR)			
	4.3X1=3		
	5.2X1=2	=	5
SECTION – D (LITERATURE)			
ONE EXTRACT	6.2XI=2		
SHORT QUESTION	7.1		
SHORT QUESTION	8.1		
SHORT QUESTION	9.1	=	5
	TOTAL	=	20

PERIODIC 1A + PERIODIC 1B

$$20 + 20 = 40$$

PERIODIC II (HALF YEARLY) 80 MARKS REDUCED TO 40(BOARD PATTERN)

PERIODIC III = 40 MARKS

SECTION – A(READING)	Q. NO.		MARKS
ONE PASSAGE	1.5X2	=	10
(FOUR SHORT ANSWER QUESTIONS ,			
ONE QUESTION ON VOCABULARY)			

**SECTION—B (WRITING)**

TWO COMPOSITIONS	2.5		
	3.5	=	10
SECTION—C(GRAMMAR)	4.5X1=5		
	5.5X1=5	=	10
SECTION—D(LITERATURE)			
ONE EXTRACT	6.2X1=2		
SHORT QUESTION	7.2		
SHORT QUESTION	8.2		
SHORT QUESTION(NOVEL)	9.2		
VOCABULARY(SYNONYMS& ANTONYMS)	10.2	=	10
	TOTAL	=	40

PERIODIC 1A& 1B = 40

PERIODIC (HALF YEARLY) =40

PERIODIC III =40

BEST 2 OUT OF 3 TO BE SELECTED

40+40 =80 TO BE REDUCED TO 10

NOTEBOOK = 5 MARKS

ASL =5MARKS

WRITTEN TEST + NOTEBOOK + ASL

10 + 5 + 5

10 + 10 = 20 MARKS

ANNUAL EXAM = 80 MARKS (BOARD PATTERN)

WRITTEN (ANNUAL) 80 + WRITTEN (PERIODIC I, II, III) 10 + NOTEBOOK+ASL 10

80 + 20 = 100 MARKS

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## ENGLISH

2017-2018

### QUESTION PATTERN FOR PERIODIC II (HALF YEARLY) + ANNUAL EXAM

#### (IF NOTHING COMES FROM THE BOARD) CLASSES VI – X

**READING:-** 3 unseen passages (20 marks)

1. Poem - 4x1 = 4
2. Passage - 8x1 = 8
3. Passage - 8x1 = 8

**WRITING:-** (20marks)

4. Notice, Message, Guided Composition, E-mail, Autobiography, Biography, Poster (W.L.50) (5)
5. Letter writing, diary entry, report writing, article writing or Other forms of correspondence (W.L.120-150) (5)
6. Long composition –will draw on the thematic content of M.C.B. or composition based on visual stimulus ,picture, diagram, graph, map, flow chart, cartoon etc.(W.L.120-150) (10)

**GRAMMAR:-** (20marks)

7. Editing (6x½ = 03)
8. A variety of questions-gap filling (6x½ = 03)
9. Sentence formation, completion (4x1 = 04)
10. Reordering word groups in sentences (05)
11. Dialogue completion (05)

**LITERATURE:-** (20marks)

- 12.01 extract from the poem (1x5=5)
- 13.03 questions based on prose/drama (3x2=6)
14. Value based question on prose (1x4=4)
15. Extended question based on prose to test Global comprehension & extrapolation (1x5=5)  
(W.L.100-120)

Class X English  
Syllabus – 2017-18

**PERIODIC TEST 1A - [29<sup>th</sup> June 2017] (48 Days)**

**Literature**

- F.1. Two Gentlemen of Verona (Prose)  
F.2. Mrs. Packletide's Tiger (Prose)  
P.1. The Frog and the Nightingale (Poem)  
P.2. Mirror (Poem)  
D.1. The Dear Departed (Play)

**Novel [The Story of My Life. By – Helen Keller]**

Chapters 1,2,3,4

**M.C.B**

Unit 1. Health and Medicine

Unit 2. Education

**Grammar**

1. Narration
2. Subject- Verb Agreement
3. Voice

**Writing Skills**

1. Letter Writing
2. Notice
3. Message
4. Diary Entry

**Written Test -20 Marks**

**PERIODIC TEST 1B– [17<sup>th</sup> August 2017] (33 Days)**

**Literature**

- F.3. The Letter (Prose )  
P.3. Not Marble nor the gilded Monuments (Poem)  
P.4. Ozymandias (Poem)  
F.4. A Shady Plot (Prose )

**Novel**

Chapter s - 5,6,7,8

**M.C.B**

3. Science

**Grammar**

1. Tenses
2. Determiners
3. Articles
4. Narration
5. Infinitive , Gerund and Participle

### **Writing Skills**

1. Bio –Sketch
2. Data Interpretation
3. Speech
4. Article
5. Notice

### **Written Test - 20 Marks**

**Periodic Test I A (20) + Periodic Test I B ( 20) = 40 MARKS**

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## **PERIODIC TEST II ( HALF YEARLY) [ 15thSeptember (18 Days) ]**

### **Literature**

- P.5 . Rime of Ancient Mariner (Poem)  
F.6. Virtually True (Prose)  
F.1. Two Gentlemen of Verona (Prose)  
F.3. The Letter (Prose )

### **Novel**

Chapters 9,10,11, 12,13,14,15

### **Writing Skills**

1. Electronic Mail
2. Story Writing
3. Speech
4. Letter of placing order
5. Letter of Inquiry

**Written Test – 80 Marks – Reduced to 40.**

**The portion of Periodic Test – I A and I B to be included in Periodic Test II**

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## **PERIODIC TEST III – [4<sup>th</sup> December , 2017] (36 Days)**

### **Literature**

- F.5. Patol Babu, A Film Star (Prose)  
P.6. Snake (Poem)  
F.2. Mrs. Packletide's Tiger (Prose)  
P.3. Not Marble nor the gilded Monuments (Poem)

P.2. Mirror

(Poem)

**Novel**

Chapters 15,16,17,18,19

**M.C.B**

Unit 4. Environment

Unit 5. Travel and Tourism

**Grammar**

1. Preposition

2. Modals

3. Voice

**Writing Skills**

1. Dialogue Writing

2. Report Writing

3. Data Interpretation

**Written Test - 40 Marks**

**BEST 2 OUT OF 3 FROM PERIODIC TEST I, II, III WILL BE TAKEN.**

**40+ 40= 80(The average of both on 80 by dividing by 2 to be found. This will give marks out of 40)**

**40 MARKS TO BE FURTHER REDUCED TO 10 MARKS**

**Written Test = 10 Marks**

**ANNUAL EXAM [3<sup>rd</sup> January, 2018] (15Days)**

**Literature**

D.2. Julius Caesar

**Novel**

Chapters 20,21,22,23

**M.C.B**

Unit6. National Integration

**Grammar**

1. Avoiding Repetition

2. Comparisons

3. Nominalization

**Writing Skills**

1. Itinerary Writing

**ASL – 5 MARKS**

**ASSIGNMENT and COPIES - 5 MARKS**



## **PARAMETERS FOR ASSESSMENT**

**ASL – 5 Marks**

**Language - 1 Marks**

**Fluency - 1 Marks**

**Clarity- 1 Marks**

**Pronunciation- 1 Marks**

**Interactive Competence and Accuracy- 1 Marks**

**NOTEBOOK – 5 Mark**

**Neatness – 2 Marks**

**Regularity– 2 Marks**

**Handwriting– 1 Marks**

**.. 5 + 5 = 10 Marks**

**.. Written of Periodic Test I, II, III +( ASL +Copies) =20 Marks**

**.. Annual Exam to be conducted out of 80 Marks.**

**.. Annual (80 Marks) +.. Written of Periodics (10 Marks) + ASL +Copies (10 Marks) = 100 Marks**

**MATHEMATICS**

**SYLLABUS, STD X**

**2017-18**

Periodic 1 (A) 01.05.17 (26 days)	Period 1 (B) (10.07.2017) (26 days)	Period 2 Half yearly exam 15.09.17 (44 days)	Period 3 06.11.17 (16days)
* Linear equations in two variables including word problems.	* Trigonometric identities	* Similar Triangles b) Characteristics properties of similar triangles	* Tangents to a circle
* Probability	* Complementary angles		* Constructions
* Similar Triangles	* Polynomial		* Probability
a) Thales Theorem problems on Thales Theorem	* Measure of central tendency ( mean, median & mode) Graphical method to find median	c) Pythagoras Theorem	* Co- ordinate geometry (section formula)
* Trigonometric ratios		* Quadratic equation	
		* Areas related to circle	
		* Co-ordinate geometry (distance formula)	

**NOTE:-**

- 1) PT- 1 (40 marks)  
20+20= 40 marks
- 2) PT- 2 (half yearly)[ Written test of 80 marks reduced to 40 marks]
- 3) PT -3 (40 marks written)
- 4) Sum of the best of the two (i.e., 40+40=80) reduced to 10 marks
- 5) 5 marks for notebook:-
  - a. 2 marks for content
  - b. 2 marks for regularity in submission
  - c. 1 mark for neatness
- 6) Maths Practical (10 marks reduced to 5 marks)
  - a. Performance of activity (5 marks)
  - b. File record of activity performed (3 marks)
  - c. Viva (2 marks)
- 7) Model Exam (80 marks)
- 8) Total Marks = 100
  - a. Periodic test = 10
  - b. Notebook= 5
  - c. Maths Practical = 5
  - d. Model exam = 80

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# Question pattern 2017-18

## Marking scheme

### For Class IX-X

- A. Periodic Test – I (A)  
(written test- 20 marks)  
1 x 4 = 4 marks  
2 x 4 = 8 marks  
4 x 2 = 8 marks (total number of questions – 10)
- B. Periodic Test – I (B)  
(written Test –20 marks)  
1 x 4 = 4 marks  
2 x 4 = 8 marks  
4 x 2 = 8 marks (total number of questions – 10)
- C. Periodic Test – II (Half-yearly Examination)  
(written Test –80 marks)  
1 x 6 = 6 marks  
2 x 6 = 12 marks  
3 x 10 = 30 marks  
4 x 8 = 32 marks ( total number of questions 32)  
**80 marks to be reduced to 40 marks.**
- D. Periodic Test- III (40 marks)  
(written test- 40 marks)  
2 x 4 = 8 marks  
4 x 4 = 16 marks  
8x 2 = 16 marks (total number of questions – 10)  
Sum of the best of 2 periodic tests  
40 + 40 = 80 marks to be reduced to 10 marks
- E. Mathematics practical – 10 marks  
(Subject Enrichment)  
i. Performance of activity – 5 marks  
ii. File record of activity performed – 3 marks  
iii. Viva - 2 marks  
10 marks to be reduced to 5 marks
- F. Note book – 5 marks  
i. For contents – 2 marks  
ii. For regularity in submission – 2 marks  
iii. For neatness – 1mark  
Summer Holidays Assignments – 5 marks  
(30 questions will be given )

Marks obtained = $\frac{\text{number of total questions done}}{6}$
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5 + 5 = 10 to be reduced to 5

**ANNUAL EXAMS (80 marks).**

Periodic test –	10 marks
Annual Exam –	80 marks
Note books –	5 marks
Subject enrichment (maths practical)	5 marks
<hr/> Total –	100 marks