

RAMAKRISHNA VIVEKANANDA MISSION  
CLASS:X ENGLISH MEDIUM SYLLABUS- 2024

**SUBJECT:- ENGLISH**

**FIRST SUMMATIVE EXAM: 40 MARKS**  
**INTERNAL FORMAL EVALUATION: 10 MARKS**

Textual Pieces:

1. Father's Help
2. Fable
3. The Passing away of Bapu

WRITING SKILL:

Processing  
Letter writing  
Report writing

WORKSHOP: Picture study.

**SECOND SUMMATIVE EXAM: 40 MARKS**  
**INTERNAL FORMAL EVALUATION: 10 MARKS**

Textual Pieces

1. My Own True Family
2. Our Runaway Kite
3. Sea Fever

WRITING SKILL:- Story Writing  
Report Writing  
Paragraph

WORKSHOP:- Story writing based on points.

**THIRD SUMMATIVE EXAM: 90 MARKS**  
**INTERNAL FORMAL EVALUATION: 10 MARKS**

Textual Pieces

1. The Cat
2. The Snail.  
(Including the textual pieces, read in the 1st and 2nd  
Summative Evaluation.)

Writing: (All other kinds of writing commonly set in Madhyamik, including those which have already been given in 1st and 2nd Summative Evaluation.)

WORK SHOP:- Dialogues between Pupils on some social awareness.  
Grammar should be practised according to the classroom teaching.

## **Mathematics:-**

**1<sup>st</sup> Summative Examination:- (40 marks)**

**Internal Assesment:- (10 marks)**

1. Quadratic equation with one variable.
2. Simple interest
3. Theorems related to circle
4. Rectangular Parallelopiped or Cuboid
5. Ratio or Proportion
6. Compound interest and uniform rate of increase or decrease.
7. Theorems related to Angles in a circle.
8. Right circular cylinder.
9. Quadratic Surds.
10. Theorem related to cyclic Quadrilaterals.

WORKSHOP:- Ratio and Proportion

**2<sup>nd</sup> Summative Evaluation:- (40 marks)**

**Internal Assesment:- (10 marks)**

11. Quadratic equation with one variable.
12. Construction of circumcircle and incircle of a triangle.
13. Sphere
14. Variation
15. Partnership Business
16. Theorems related to tangent to a circle.
17. Right circular cone.
18. Similarity.

WORKSHOP:- Similarity.

**3<sup>rd</sup> Summative Evaluation:- (90 marks)**

**Internal Assesment:- (10 marks)**

19. Construction of tangent to a circle.
20. Real life problems related to different solid object.
21. Trigonometry concept of Measurement of Angles
22. Construction: Determination of Mean Proportional.
23. Pythagorous Theorem.
24. Trigonometric Ratios and Trigonometric Identity
25. Trigonometric ratios of complementary angles
26. Application of Trigonometric Ratios Height and Distance.
27. Statistics Mean, Median, Ogive, Mode.

WORKSHOP:- Determination of Mean proportional.

(Full syllabus of 1<sup>st</sup> and 2<sup>nd</sup> Summative Evaluation will also be included with 3<sup>rd</sup> Summative Evaluation.)

## **HISTORY**

### **1<sup>st</sup> Summative Examination:- (40 marks)**

#### **Internal Assessment (10 marks)**

1. Chapter 1: Ideas of History
2. Chapter 2: Reform: Characteristic and Observations
3. Chapter 3: Resistance and Rebellion: characteristic and analysis

WORKSHOP ON:- Louis Henry Vivian Derozio and Young Bengal.

### **2<sup>nd</sup> Summative Examination:- (40 marks)**

#### **Internal Assessment:- (10 marks)**

1. Chapter 4: Early stages of collective Action: Characteristic analysis
2. Chapter 5: Alternative ideas and Initiatives (From mid 19<sup>th</sup> century to the Early 20<sup>th</sup> Century: Characteristics and Observations.
3. Chapter 6: Present working class and left movement in 20<sup>th</sup> Century India: Characteristics and observations.

WORKSHOP ON:- Development of Science and Technical Education in Bengal.

### **3<sup>rd</sup> Summative Examination:- (90 marks)**

#### **Internal Assessment (10 marks)**

1. Chapter 7: Movement organized by women, students and Marginal people in 20<sup>th</sup> Century of India: characteristics and analysis.
2. Chapter 8: Post colonial India: Second Half of the 20<sup>th</sup> Century (1947-1964)

WORKSHOP ON:- Nature of woman's role in the armed revolutionary struggles.

Note:- Chapter prescribed in 1<sup>st</sup> and 2<sup>nd</sup> Summative Evaluations are also to be included in the 3<sup>rd</sup> Summative Evaluation.

## **GEOGRAPHY**

### **1<sup>st</sup> Summative Evaluation:- (40 marks)**

#### **Internal Assessment :-(10 marks)**

1. Exogenetic processes and resultant landforms.
2. India- Introduction, Physical Environment

WORKSHOP:- Works of Glacier

### **2<sup>nd</sup> Summative Evaluation:- (40 marks)**

#### **Internal Assessment:- (10 marks)**

1. Atmosphere
2. Hydrosphere
3. India- Economic Development

WORKSHOP:- Different types of rainfall.

**3<sup>rd</sup> Summative Evaluation:- (90 marks)**

**Internal Assessment:- (10 marks)**

Map- India (10 marks)

1. Waste Management
2. Satellite Imagery and topographical Map

WORKSHOP:- Waste Management.

N.B: Topics prescribed for the first and second summative evaluation are also to be included in the third summative evaluation.

**LIFE SCIENCE**

**1<sup>st</sup> Summative Evaluation:- (40 marks)**

**Internal Assessment (10 marks)**

1. Control and co-ordinate in Living Organism
2. Continuity of Life- i)Cell division and cell cycle.
3. Workshop:- Structure of Neurone and its function.

**2<sup>nd</sup> Summative Evaluation:- (40 marks)**

**Internal Assessment:- (10 marks)**

1. Continuity of Life i)Reproduction, ii)Sexual reproduction in flowering plants  
iii)Growth and Development.
2. Heredity and some common genetic diseases
3. Evolution and Adaptation.
4. Workshop: Structure and function of DNA.

**3<sup>rd</sup> Summative Evaluation:- (90 marks)**

**Internal Assessment:- (10 marks)**

1. Environment, its resources and their conservation.
2. Full syllabus of 1<sup>st</sup> Summative and 2<sup>nd</sup> Summative Evaluation.
3. Nitrogen Cycle and its significans.

**PHYSICAL SCIENCE AND ENVIRONMENT:**

Syllabus based workshop will be conducted tentatively two weeks before the Commencement of the written examination. The date for the workshop will be announced during the academic session.

**1<sup>st</sup> Summative Examination:- (40 marks)**

**Internal Assessment:- (10 marks)**

1. Concern about our environment
2. Behaviours ogf gases
3. Light
4. Periodic table and Periodity of the properties
5. Ionic and coualent bonding.

Type of workshop:- Behaviour of gases.

**2<sup>nd</sup> Summative Examination:- (40 marks)**

**Internal Assesment:- (10 marks)**

1. Chemical calculation
2. Thermal phenomena
3. Current electricity
4. Electricity and chemical reactions.
5. Inorganic chemistry in the laboratory and in industry
6. Metallurgy.

Type of workshop:- Thermal phenomena

**3<sup>rd</sup> Summative Examination:- (90 marks)**

**Internal Assesment:- (10 marks)**

1. Atomic nucleus
2. Organic Chemistry

N.B:- Themes of 1<sup>st</sup> and 2<sup>nd</sup> Summatives are also included.

**COMPUTER**

1.Ethics and Safety Measures in Computing

2.Images, Links and Frames in HTML

Theory=50 Marks

Practical=50 Marks

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Full Marks=100

## বিষয় বাংলা:-

প্রথম পর্যায়ক্রমিক মূল্যায়ন

পূর্ণমান-৪০ + প্রকল্প-১০

পাঠ্যপুস্তক: আয় আরো বেঁধে বেঁধে থাকি, জ্ঞানচক্ষু, আফ্রিকা, হারিয়ে যাওয়া কালি কলম, অসুখী একজন।

ব্যকরণ:- কারক অকারক সম্পর্ক।

নির্মিতি:- অনুবাদ

সহায়ক পাঠ:- কোনি (প্রথম থেকে ষষ্ঠ অধ্যায়)

বীরবানী:- ১ থেকে ১২ পাতা।

কর্মশালা:- মতি নন্দীর সাহিত্য ও সাংবাদিকতা।

দ্বিতীয় পর্যায়ক্রমিক মূল্যায়ন

পূর্ণমান-৪০ + প্রকল্প-১০

পাঠ্যপুস্তক: বহুরূপী, অভিষেক, সিরাজদৌল্লা, প্রলয়োদ্ভাস, পথের দাবী।

ব্যকরণ:- সমাস

নির্মিতি:- প্রতিবেদন।

সহায়ক পাঠ:- কোনি (সপ্তম থেকে দশম অধ্যায়)।

বীরবানী:- ৩৫ থেকে ৫০ পাতা।

কর্মশালা:- বহুরূপীদের জীবনের যন্ত্রনা।

তৃতীয় পর্যায়ক্রমিক মূল্যায়ন

পূর্ণমান-৯০ + প্রকল্প-১০

পাঠ্যপুস্তক: সিঙ্কুতীরে, অদলবদল, অস্ত্রের বিরুদ্ধে গান, বাংলা ভাষায় বিজ্ঞান, নদীর বিদ্রোহ এবং প্রথম ও দ্বিতীয় পর্যায়ক্রমিক মূল্যায়নের পুনরালোচনা।

ব্যকরণ:- বাক্য-বাচ্য এবং প্রথম ও দ্বিতীয় পর্যায়ক্রমিক মূল্যায়নের পুনরালোচনা।

নির্মিতি:- সংলাপ, প্রবন্ধ এবং প্রথম ও দ্বিতীয় পর্যায়ক্রমিক মূল্যায়নের পুনরালোচনা।

সহায়ক পাঠ:- কোনি সম্পূর্ণ বই।

বীরবানী:- ১২৩ থেকে ১৪৩ পাতা এবং প্রথম ও দ্বিতীয় পর্যায়ক্রমিক মূল্যায়নের পুনরালোচনা।

কর্মশালা:- বাংলা সাহিত্যে বিবেকানন্দের প্রভাব।