LOYOLA CONVENT SCHOOL

Vidyalaya Marg, Dumardaga, Booty, Ranchi

An ISO 9001 : 2000 Certified School, Affiliated to CBSE, New Delhi

Session : 2021-22

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Syllabus of Class - IX

English Language & Literature (184)

Term wise Syllabus

Term - I
Reading- **Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:** **1. Discursive passage (400-450 words)** **2. Case based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words)**
Writing- **1. Descriptive paragraph (Person)** **2. Short Story (based on beginning line, outline, cues etc.)**
Grammar **1. Tenses** **2. Subject-Verb Concord** **3. Modals** **4. Determiners** **5. Reported Speech** **6. Commands and Requests** **7. Statements** **8. Questions**
Literature **Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.** **Moments** **1. The Lost Child** **2. The Adventures of Toto** **3. In the Kingdom of Fools** **4. The Happy Prince** **Beehive** **Prose** **1. The Fun They Had** **2. The Sound of Music** **3. The Little Girl** **4. A Truly Beautiful Mind** **5. My Childhood** **Poems-** **1. The Road Not Taken** **2. Wind** **3. Rain on The Roof** **4. A Legend of The Northland**

Term - II

Reading-

Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:

1. **Discursive passage (400-450 words)**
2. **Case based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words)**

Writing-

1. **Descriptive Paragraph (Diary)**
2. **Story writing (based on beginning line, outline, cues etc.)**

Grammar

1. **Tenses**
2. **Subject-Verb Concord**
3. **Modals**
4. **Determiners**
5. **Reported Speech**
6. **Commands and Requests**
7. **Statements**
8. **Questions**

Literature

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

Moments

1. **Weathering the Storm in Ersama**
2. **The Last Leaf**
3. **A House is not a Home**
4. **The Beggar**

Beehive

Prose

1. **Packing**
2. **Reach for The Top**
3. **The Bond of Love**
4. **If I were You**

Poems

1. **No Men Are Foreign**
2. **On killing a Tree**
3. **The Snake Trying**

Each Term

SECTION	WEIGHTAGE (IN MARKS)
READING	10
WRITING & GRAMMAR	10
LITERATURE	20
TOTAL	40
INTERNAL ASSESSMENT	10
GRAND TOTAL	50

HINDI (002)

हिंदी पाठ्यक्रम - अ (कोड सं. - 002) कक्षा 9वीं हिन्दी अ -परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2021-22

परीक्षा भार विभाजन प्रथम सत्र				
		विषयवस्तु	**उप भार**	**कुलभार**
1		निम्नलिखित से चिंतन क्षमता एवं अभिव्यक्ति कौशल पर आधारित बहुविकल्पी प्रश्न।		10
		एक अपठित गद्यांश 150 से 200 शब्दों का (1x5=5) विकल्प सहित	5	
		एक अपठित काव्यांश 150 से 200 शब्दों का (1x5=5) विकल्प सहित	5	
2		व्याकरण के लिए निर्धारित विषयों पर विषय-वस्तु का बोध, भाषिक बिंदु /संरचना आदि पर बीस में से सोलह बहुविकल्पी प्रश्नों का उत्तर देना होगा (1x16)		16
	1	शब्द निर्माण- उपसर्ग - 2 अंक, प्रत्यय - 2 अंक, समास - 4 अंक	8	
	2	अर्थ की दृष्टि से वाक्य भेद 4 अंक	4	
	3	अलंकार - (शब्दालंकार: अनुप्रास, यमक, श्लेष) (अर्थालंकार : उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण)	4	
3		पाठ्यपुस्तक क्षितिज भाग - 2		14
	अ	गद्य खंड	7	
	1	क्षितिज से निर्धारित पाठों में से गद्यांश के आधार पर विषय-वस्तु का ज्ञान बोध, अभिव्यक्ति आदि पर पाँच बहुविकल्पी प्रश्न पूछे जाएंगे। (1x5)	5	
	2	क्षितिज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं एवं अभिव्यक्ति का आकलन करने हेतु दो बहुविकल्पीय प्रश्न पूछे जाएंगे। (1x2)	2	
	ब	काव्य खंड	7	
	1	क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर पाँच बहुविकल्पीय प्रश्न पूछे जाएंगे (1x5)	5	
	2	क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्य बोध परखने हेतु दो बहुविकल्पीय प्रश्न पूछे जाएंगे। (1x2)	2	
		आंतरिक मूल्याङ्कन		10
	अ	**सामयिक आकलन**	2.5	
	ब	**बहुविध आकलन**	2.5	
	स	**पोर्टफोलियो**	2.5	
	द	**श्रवण एवं वाचन**	2.5	
		कुल		50

सत्र-1 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं – पाठ्यपुस्तक क्षितिज भाग -1

गद्य - खंड	काव्य - खंड
प्रेमचंद - दो बैलों की कथा	कबीर - साखियाँ और सबद (पद) 1 (मोकों कहाँ ढूँढे बंदे..)
राहुल सांकृत्यायन - ल्हासा की ओर	ललद्यद - वाख
	रसखान – सवैये

हिंदी पाठ्यक्रम - अ (कोड सं. - 002) कक्षा 9वीं हिन्दी अ परीक्षा भार विभाजन सत्र 2				
विषयवस्तु			उप भार	कुलभार
1	**पाठ्यपुस्तक क्षितिज भाग - 1 व पूरक पाठ्यपुस्तक कृतिका भाग - 1**			20
	अ	गद्य खंड		
	क्षितिज से निर्धारित पाठों के आधार पर विषय-वस्तु का ज्ञान बोध, अभिव्यक्ति आदि पर चार प्रश्न पूछे जाएंगे। (2x4)		8	
	ब	काव्य खंड		
	क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्य बोध परखने हेतु तीन प्रश्न पूछे जाएंगे। (2x3)		6	
	स	पूरक पाठ्यपुस्तक कृतिका भाग - 1		
	कृतिका के निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएंगे । (3x2)		6	
2	**लेखन**			20
	अ	विभिन्न विषयों और संदर्भों पर विद्यार्थियों के तर्कसंगत विचार प्रकट करने की क्षमता को परखने के लिए संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए विषयों में से किन्हीं तीन विषयों में से किसी एक विषय पर लगभग 150 शब्दों में अनुच्छेद| (5x1)	5	
	ब	अभिव्यक्ति की क्षमता पर केन्द्रित औपचारिक तथा अनौपचारिक विषयों में 120 शब्दों में से किसी एक विषय पर पत्र। (5x1)	5	
	स	किन्ही दो स्थितियों पर लगभग 40 शब्दों के दो संवाद लेखन (2.5 अंक x2 प्रश्न) (विकल्प सहित)	5	
	द	लघु-कथा लेखन लगभग 120 शब्दों में (विकल्प सहित)	5	
3	**आंतरिक मूल्याङ्कन**			10
	अ	**सामयिक आकलन**	2.5	
	ब	**बहुविध आकलन**	2.5	
	स	**पोर्टफोलियो**	2.5	

	द	**श्रवण एवं वाचन**	2.5	
कुल				50

निर्धारित पुस्तकें :

1. **क्षितिज, भाग-1,** एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
2. **कृतिका, भाग-1,** एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

सत्र-2 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

पाठ्यपुस्तक क्षितिज भाग -1

गद्य – खंड

1. जाबिर हुसैन - साँवले सपनों की याद
2. हरिशंकर परसाई - प्रेमचंद के फटे जूते

काव्य - खंड

3. माखनलाल चतुर्वेदी - कैदी और कोकिला
4. राजेश जोशी - बच्चे काम पर जा रहे हैं

अनुपूरक पाठ्यपुस्तक कृतिका भाग -1

सत्र -2 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

1. मृदुला गर्ग - मेरे संग की औरतें
2. विद्यासागर नौटियाल - माटी वाली
3. जगदीश चंद्र माथुर - रीढ़ की हड्डी

SANSKRIT (122)

संस्कृतपाठ्यक्रमः (कोड नं. 122)

कक्षा –नवमी (2021 - 22)

"कोरोना" इत्याख्य-विषाणोः कारणात् अस्मिन् वर्षे परीक्षा भागद्वये आयोजयिष्यते।

प्रथमसत्रीयायै परीक्षायै संशोधितः पाठ्यक्रमः

(बहुविकल्पात्मकाः प्रश्नाः)

अनुप्रयुक्त-व्याकरणम्	1. **सन्धिकार्यम्** स्वरसन्धिः-दीर्घः, गुण, अयादि व्यञ्जनसन्धिः – वर्गीयप्रथमवर्णस्य तृतीयवर्णे परिवर्तनम् , 'म्' स्थाने अनुस्वारः विसर्गसन्धिः – उत्वम् 2. **शब्दरूपाणि** ➢ अकारान्त-पुँल्लिङ्गशब्दाः- बालकवत् ➢ उकारान्त-पुँल्लिङ्गशब्दाः-साधुवत् ➢ आकारान्त-स्त्रीलिङ्गशब्दाः- लतावत् ➢ ईकारान्त-स्त्रीलिङ्गशब्दाः– नदीवत् ➢ सर्वनामशब्दाः – अस्मद्, युष्मद् 3. **धातुरूपाणि** ➢ पठ्, गम्, वद्, भू , क्रीड्, नी, दृश्, अस्, कृ, पा(पिब्) (पञ्चसु लकारेषु) ➢ सेव्, लभ् (लट्लकारे लृट्लकारे च) 4. **कारक-उपपद-विभक्तयः** ➢ **द्वितीया** –परितः, निकषा, प्रति, विना ➢ **तृतीया** – सह/ समम्/ सार्धम्, विना, अलम्, हीन ➢ **चतुर्थी** – रुच्, दा (यच्छ्), नमः, कुप् ➢ **पञ्चमी** – विना, बहिः , भी, रक्ष् ➢ **षष्ठी** – उपरि, अधः, पुरतः, पृष्ठतः ➢ **सप्तमी**- स्निह्, निपुणः, विश्वस् 5. **प्रत्ययाः** ➢ क्त्वा, तुमुन्, ल्यप्, क्तवतु 6. **सङ्ख्या** – 1-100 (1-4 **केवलं प्रथमा-विभक्तौ**) 7. **उपसर्गाः** ➢ आ, वि, प्रति, उप, अनु, निर्, प्र, अधि, अप, नि, अव

पठितावबोधनम्	8. वाक्येषु रेखाङ्कितपदानि अधिकृत्य पञ्चप्रश्नानां निर्माणम् 9. प्रसङ्गानुकूलं समुचितं शब्दार्थचयनम् 10. भाषिककार्याय तत्त्वानि (पाठाधारितानि) - ✓ वाक्ये कर्तृ – क्रिया पदचयनम् ✓ कर्तृ - क्रिया – अन्वितिः ✓ विशेषण – विशेष्यचयनम् ✓ पर्याय – विलोमपद – चयनम्

पुस्तकम् – 'शेमुषी' संस्कृतपुस्तकम् (नवमश्रेण्यै)

प्रथमसत्रीयायै परीक्षायै निर्धारिताः पाठाः –

पाठसङ्ख्या	पाठनाम
प्रथमः पाठः	भारतीवसन्तगीतिः
द्वितीयः पाठः	स्वर्णकाकः
तृतीयः पाठः	गोदोहनम्
पञ्चमः पाठः	सूक्तिमौक्तिकम्

अवधातव्यम् -

अनुप्रयुक्तव्याकरणस्य अंशानां चयनं यथासम्भवं 'शेमुषी' पाठ्यपुस्तकात् करणीयम्। यदि ततः न सम्भवति तर्हि 'अभ्यासवान् भव - प्रथमो भागः' इत्यस्मात् कर्तुं शक्यम्।

प्रथमसत्रान्तर्गतम् आन्तरिक-मूल्याङ्कनम्

(10 अङ्काः)

<u>उद्देश्यानि</u>

- ❖ छात्राणां सृजनात्मकक्षमतायाः विकासः।
- ❖ श्रवण-भाषण-पठन-लेखनकौशलानां विकासः।
- ❖ चिन्तनक्षमतायाः आत्मविश्वासस्य च संवर्धनम्।

क्र. सं.	गतिविधयः	उदाहरणानि	अङ्काः	निर्देशाः	मूल्याङ्कनबिन्दवः
1.	**आवधिक-परीक्षाः (पीरियोडिक्-असैस्मैंट)**	लिखितपरीक्षा	2.5	विद्यालयेन समये समये लिखितपरीक्षाणाम् आयोजनं करणीयं भवति।	परीक्षासु यत्र विद्यार्थिनः श्रेष्ठाः अङ्काः स्युः तयोः द्वयोः परीक्षयोः एव अधिभारः ग्रहीतव्यः। अपि च आवधिकपरीक्षासु अपि प्रश्नेषु आन्तरिकविकल्पाः देयाः। मूल्याङ्कनसमये यदि छात्रः सर्वान् प्रश्नान् उत्तरति तर्हि छात्रहिताय यत्र अधिकाः अङ्काः सन्ति तेषाम् एव मूल्याङ्कनं करणीयम्।
2	**बहुविधमूल्याङ्कनम्**	❖ कक्षायां पाठितस्य पाठस्य लघुमूल्याङ्कनम् ❖ निर्गतपत्राणि ❖ प्रश्नोत्तरी ❖ मौखिकी परीक्षा ❖ प्रतियोगिताः ❖ प्रश्नमञ्चस्य आयोजनम्	2.5	कक्षायां पाठित-पाठस्य विषयस्य वा बहुविधं मूल्याङ्कनम् अपेक्षितम् अस्ति। अनेन विद्यार्थिनां विविधकौशलानां मूल्याङ्कनं भवेत्।	❖ मौलिकता ❖ विषयसम्बद्धता ❖ शुद्धता ❖ समयबद्धता ❖ प्रस्तुतीकरणम्
3.	**निवेशसूचिका (पोर्टफोलियो)**	❖ कक्षाकार्यम् ❖ सामूहिक-मूल्याङ्कनम् ❖ स्वमूल्याङ्कनम् ❖ विद्यार्थिनः विषयगताः उपलब्धयः	2.5	विद्यार्थिभिः कक्षायां कृतानां कार्याणाम् उपलब्धीनां च संरक्षणं संयोजनं च सञ्चिकायां पत्रावल्यां वा करणीयम्। एतेन समग्रं मूल्याङ्कनं प्रमाणिकत्वेन भवितुं शक्नोति।	❖ सुलेखः ❖ तथ्यात्मकता ❖ प्रामाणिकता ❖ समयबद्धता

4.	**भाषा-संवर्धनाय गतिविधयः** **(क) श्रवण-भाषण-कौशलम्**	❖ कथा ❖ संवादः / वार्तालापः ❖ भाषणम् ❖ नाटकम् ❖ वार्ताः ❖ आशुभाषणम् ❖ संस्कृतगीतानि ❖ श्लोकोच्चारणम्	2.5	❖ छात्राः कामपि कथां श्रावयितुं शक्नुवन्ति । ❖ शिक्षकः कमपि विषयं सूचयित्वा परस्परं संवादं कारयितुं शक्नोति। ❖ दूरदर्शने वार्तावली इत्याख्यः संस्कृत-कार्यक्रमः प्रसारितः भवति तं द्रष्टुं छात्राः प्रेरणीयाः। ❖ श्रवण-कौशल-मूल्याङ्कनाय शिक्षकः स्वयम् अपि कथां श्रावयित्वा ततः सम्बद्ध-प्रश्नान् प्रष्टुं शक्नोति ।	❖ उच्चारणम् ❖ शुद्धता ❖ समयबद्धता ❖ प्रस्तुतीकरणम् आरोहावरोह-गतियति-प्रयोगः
	(ख) लेखनकौशलम्	❖ विविधविषयान् आधृत्य मौलिकलेखनम् यथा– देशः, माता, पिता, गुरुः, विद्या पर्यावरणम्, योगः, समयस्य सदुपयोगः , शिक्षा, अनुशासनम् इत्यादयः। ❖ शैक्षिकभ्रमणस्य संस्कृतेन प्रतिवेदनलेखनम् । ❖ दैनन्दिनीलेखनम् । ❖ सङ्केताधारितं कथालेखनम् । ❖ भित्तिपत्रिकायाः निर्माणम्। ❖ श्रुतलेखः ❖ सूक्तिलेखनम्		❖ छात्राः यथाशक्यं कक्षायामेव लेखनकार्यं कुर्युः । ❖ टिप्पणी- पुस्तिकायाः निर्माणम्। ❖ वैयक्तिकपरीक्षणम्।	❖ विषय-सम्बद्धता ❖ शुद्धता (विशेषतः पञ्चमवर्णस्यप्रयोगः) ❖ समयबद्धता ❖ सुलेखः ❖ प्रस्तुतीकरणम्
	अवधातव्यम् –उपर्युक्त- गतिविधयश्च उदाहरणरूपेण प्रदत्ताः सन्ति। एतदतिरिच्य एतादृशाः अन्यविषयाः अपि भवितुमर्हन्ति।				

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संस्कृतपाठ्यक्रमः (कोड नं. 122)

कक्षा –नवमी (2021- 22)

वार्षिकपरीक्षायै संशोधितः पाठ्यक्रमः

(वर्णनात्मकाः प्रश्नाः)

अपठित – अवबोधनम्	1. **एकः गद्यात्मकः खण्डः** 80-100 शब्दपरिमितः गद्यांशः, सरलकथा, वर्णनं वा ➢ एकपदेन पूर्णवाक्येन च अवबोधनात्मकं कार्यम् ➢ शीर्षकलेखनम् ➢ अनुच्छेद – आधारितं भाषिकं कार्यम् भाषिककार्याय तत्त्वानि - ✓ वाक्ये कर्तृ – क्रिया पदचयनम् ✓ विशेषण – विशेष्य चयनम् ✓ पर्याय – विलोमपद – चयनम्
रचनात्मकं कार्यम्	2. **सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकं पत्रलेखनम्** (मञ्जूषायाः सहायतया पूर्णं पत्रं लेखनीयम्) 3. **चित्राधारितं वर्णनम् अथवा अनुच्छेदलेखनम्** 4. **हिन्दीभाषायाम् आङ्ग्लभाषायां वा लिखितानां पञ्चसरलवाक्यानां संस्कृतभाषायाम् अनुवादः**
पठित – अवबोधनम्	5. **गद्यांशम् अधिकृत्य अवबोधनात्मकं कार्यम्** प्रश्नप्रकाराः – एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि । 6. **पद्यांशम् अधिकृत्य अवबोधनात्मकं कार्यम्** प्रश्नप्रकाराः – एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि । 7. **नाट्यांशम् अधिकृत्य अवबोधनात्मकं कार्यम्** प्रश्नप्रकाराः – एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि । 8. **एकस्य श्लोकस्य अन्वयः/** **एकस्य श्लोकस्य संस्कृतेन भावार्थः (मञ्जूषायाः सहायतया)** 9. **घटनाक्रमानुसारं कथालेखनम्**

पुस्तकम् – 'शेमुषी' संस्कृतपुस्तकम् (नवमश्रेण्यै)

वार्षिक-परीक्षायै निर्धारिताः पाठाः –

पाठसङ्ख्या	पाठनाम
षष्ठः पाठः	भ्रान्तो बालः
नवमः पाठः	सिकतासेतुः
दशमः पाठः	जटायोः शौर्यम्
एकादशः पाठः	पर्यावरणम्

निर्धारित – पाठ्यपुस्तकानि –

1. '**शेमुषी**'- प्रथमो भागः, पाठ्यपुस्तकम् , **संशोधितसंस्करणम्** (प्रकाशनम् – रा.शै.अनु.प्र.परि. द्वारा)
2. '**अभ्यासवान् भव**' - प्रथमो भागः – व्याकरणपुस्तकम् (प्रकाशनम् – रा.शै.अनु.प्र.परि. द्वारा)
3. '**व्याकरणवीथिः**'- व्याकरणपुस्तकम् (प्रकाशनम् – रा.शै.अनु.प्र.परि. द्वारा)

वार्षिकपरीक्षान्तर्गतम् आन्तरिक-मूल्याङ्कनम्

(10 अङ्काः)

<u>उद्देश्यानि</u>

- ❖ छात्राणां सृजनात्मकक्षमतायाः विकासः।
- ❖ श्रवण-भाषण-पठन-लेखनकौशलानां विकासः।
- ❖ चिन्तनक्षमतायाः आत्मविश्वासस्य च संवर्धनम्।

क्र. सं.	गतिविधयः	उदाहरणानि	अङ्काः	निर्देशाः	मूल्याङ्कनबिन्दवः
1.	**आवधिक-परीक्षाः (पीरियोडिक्-असैस्मैंट)**	लिखितपरीक्षा	2.5	विद्यालयेन समये समये लिखितपरीक्षाणाम् आयोजनं करणीयं भवति।	परीक्षासु यत्र विद्यार्थिनः श्रेष्ठाः अङ्काः स्युः तयोः द्वयोः परीक्षयोः एव अधिभारः ग्रहीतव्यः। अपि च आवधिकपरीक्षासु अपि प्रश्नेषु आन्तरिकविकल्पाः देयाः। मूल्याङ्कनसमये यदि छात्रः सर्वान् प्रश्नान् उत्तरति तर्हि छात्रहिताय यत्र अधिकाः अङ्काः सन्ति तेषाम् एव मूल्याङ्कनं करणीयम्।
2	**बहुविधमूल्याङ्कनम्**	❖ कक्षायां पाठितस्य पाठस्य लघुमूल्याङ्कनम् ❖ निर्गतपत्राणि ❖ प्रश्नोत्तरी ❖ मौखिकी परीक्षा ❖ प्रतियोगिताः ❖ प्रश्नमञ्चस्य आयोजनम्	2.5	कक्षायां पाठित-पाठस्य विषयस्य वा बहुविधं मूल्याङ्कनम् अपेक्षितम् अस्ति। अनेन विद्यार्थिनां विविधकौशलानां मूल्याङ्कनं भवेत्।	❖ मौलिकता ❖ विषयसम्बद्धता ❖ शुद्धता ❖ समयबद्धता ❖ प्रस्तुतीकरणम्
3.	**निवेशसूचिका (पोर्टफोलियो)**	❖ कक्षाकार्यम् ❖ सामूहिक-मूल्याङ्कनम् ❖ स्वमूल्याङ्कनम् ❖ विद्यार्थिनः विषयगताः उपलब्धयः	2.5	विद्यार्थिभिः कक्षायां कृतानां कार्याणाम् उपलब्धीनां च संरक्षणं संयोजनं च सञ्चिकायां पत्रावल्यां वा करणीयम्। एतेन समग्रं मूल्याङ्कनं प्रमाणिकत्वेन भवितुं शक्नोति।	❖ सुलेखः ❖ तथ्यात्मकता ❖ प्रामाणिकता ❖ समयबद्धता

4.	**भाषा-संवर्धनाय गतिविधयः** **(क) श्रवण-भाषण-कौशलम्**	❖ कथा ❖ संवादः / वार्तालापः ❖ भाषणम् ❖ नाटकम् ❖ वार्ताः ❖ आशुभाषणम् ❖ संस्कृतगीतानि ❖ श्लोकोच्चारणम्	2.5	❖ छात्राः कामपि कथां श्रावयितुं शक्नुवन्ति । ❖ शिक्षकः कमपि विषयं सूचयित्वा परस्परं संवादं कारयितुं शक्नोति। ❖ दूरदर्शने वार्तावली इत्याख्यः संस्कृत-कार्यक्रमः प्रसारितः भवति तं द्रष्टुं छात्राः प्रेरणीयाः। ❖ श्रवण-कौशल-मूल्याङ्कनाय शिक्षकः स्वयम् अपि कथां श्रावयित्वा ततः सम्बद्ध-प्रश्नान् प्रष्टुं शक्नोति ।	❖ उच्चारणम् ❖ शुद्धता ❖ समयबद्धता ❖ प्रस्तुतीकरणम् आरोहावरोह-गतियति-प्रयोगः
	(ख) लेखनकौशलम्	❖ विविधविषयान् आधृत्य मौलिकलेखनम् यथा– देशः, माता, पिता, गुरुः, विद्या पर्यावरणम्, योगः, समयस्य सदुपयोगः , शिक्षा, अनुशासनम् इत्यादयः। ❖ शैक्षिकभ्रमणस्य संस्कृतेन प्रतिवेदनलेखनम् । ❖ दैनन्दिनीलेखनम् । ❖ सङ्केताधारितं कथालेखनम् । ❖ भित्तिपत्रिकायाः निर्माणम्। ❖ श्रुतलेखः ❖ सूक्तिलेखनम्		❖ छात्राः यथाशक्यं कक्षायामेव लेखनकार्यं कुर्युः । ❖ टिप्पणी- पुस्तिकायाः निर्माणम्। ❖ वैयक्तिकपरीक्षणम्।	❖ विषय-सम्बद्धता ❖ शुद्धता (विशेषतः पञ्चमवर्णस्यप्रयोगः) ❖ समयबद्धता ❖ सुलेखः ❖ प्रस्तुतीकरणम्
	अवधातव्यम् –उपर्युक्त- गतिविधयश्च उदाहरणरूपेण प्रदत्ताः सन्ति। एतदतिरिच्य एतादृशाः अन्यविषयाः अपि भवितुमर्हन्ति।				

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MATHEMATICS (041)

COURSE STRUCTURE

CLASS –IX (2021-22)

FIRST TERM

One Paper

90 Minutes

NO.	UNIT NAME	MARKS
I	NUMBER SYSTEMS	8
II	ALGEBRA	5
III	COORDINATE GEOMETRY	4
IV	GEOMETRY	13
V	MENSURATION	4
VI	STATISTICS & PROBABILITY	6
	Total	40
	INTERNAL ASSESSMENT	10
	TOTAL	50

UNIT- NUMBER SYSTEMS

1. **NUMBER SYSTEM**

   Review of representation of natural numbers, integers, rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.

   1. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as , $\sqrt{2}$,$\sqrt{3}$ and their representation on the number
   2. Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{\sqrt{y}}}$ (and their combinations) where x and y are natural number and a and b are integers.
   3. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)

UNIT-ALGEBRA

2. LINEAR EQUATIONS IN TWO VARIABLES

Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type ax+by+c=0. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line. Graph of linear equations in two variables. Examples, problems from real life with algebraic and graphical solutions being done simultaneously

UNIT-COORDINATE GEOMETRY

3. COORDINATE GEOMETRY

The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane.

UNIT-GEOMETRY

4. LINES AND ANGLES

1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180˚ and the converse.

2. (Prove) If two lines intersect, vertically opposite angles are equal.

3. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines.

4. (Motivate) Lines which are parallel to a given line are parallel.

5. (Prove) The sum of the angles of a triangle is 180˚.

6. (Motivate) If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles.

5. TRIANGLES

1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).

2. (Motivate) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).

3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).

4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)

5. (Prove) The angles opposite to equal sides of a triangle are equal.

6. (Motivate) The sides opposite to equal angles of a triangle are equal.

7. (Motivate) The sides opposite to equal angles of a triangle are equal.

UNIT-MENSURATION

6. HERON'S FORMULA

Area of a triangle using Heron's formula (without proof)

UNIT-STATISTICS & PROBABILITY

7. STATISTICS

Introduction to Statistics: Collection of data, presentation of data — tabular form, ungrouped / grouped, bar graphs, histograms

INTERNAL ASSESSMENT	MARKS	TOTAL MARKS
Periodic Tests	3	10
Multiple Assessments	2	
Portfolio	2	
Student Enrichment Activities-practical work	3	

SECOND TERM

No.	UNIT NAME	MARKS
I	ALGEBRA(Cont.)	12
II	GEOMETRY(Cont.)	15
III	MENSURATION(Cont.)	9
IV	STATISTICS & PROBABILITY(Cont)	4
	Total	40
	INTERNAL ASSESSMENT	10
	TOTAL	50

UNIT-ALGEBRA

1. POLYNOMIALS

Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem.

Recall of algebraic expressions and identities. Verification of identities

$$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$$
$$(x \pm y)^3 = x^3 \pm y^3 \pm 3xy\,(x \pm y)$$
$$x^3 \pm y^3 = (x \pm y)\,(x^2 \mp xy + y^2$$

and their use in factorization of polynomials.

UNIT-GEOMETRY

2. QUADRILATERALS

1. (Prove) The diagonal divides a parallelogram into two congruent triangles.

2. (Motivate) In a parallelogram opposite sides are equal, and conversely.

3. (Motivate) In a parallelogram opposite angles are equal, and conversely.

4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.

5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.

6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.

3. CIRCLES

Through examples, arrive at definition of circle and related concepts-radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle.

1. (Prove) Equal chords of a circle subtend equal angles at the centre and (motivate) its converse.
2. (Motivate) The perpendicular from the centre of a circle to a chord bisects the chord and conversely, the line drawn through the centre of a circle to bisect a chord is perpendicular to the chord.
3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the centre (or their respective centres) and conversely.
4. (Motivate) The angle subtended by an arc at the centre is double the angle subtended by it at any point on the remaining part of the circle.
5. (Motivate) Angles in the same segment of a circle are equal.
6. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.

4. CONSTRUCTIONS

1. Construction of bisectors of line segments and angles of measure 60˚, 90˚, 45˚ etc., equilateral triangles.

2. Construction of a triangle given its base, sum/difference of the other two sides and one base angle.

UNIT-MENSURATION

5. SURFACE AREAS AND VOLUMES

Surface areas and volumes of cubes, cuboids, spheres (including hemispheres) and right circular cylinders/cones.

UNIT-STATISTICS & PROBABILITY

6. PROBABILITY

History, Repeated experiments and observed frequency approach to probability. Focus is on empirical probability. (A large amount of time to be devoted to group and to individual activities to motivate the concept; the experiments to be drawn from real - life situations, and from examples used in the chapter on statistics).

INTERNAL ASSESSMENT	MARKS	TOTAL MARKS
Periodic Tests	3	10 marks for the term
Multiple Assessments	2	
Portfolio	2	
Student Enrichment Activities-practical work	3	

SCIENCE (086)

COURSE STRUCTURE

CLASS IX

EVALUATION SCHEME		
Theory		
Units	**Term- I**	**Marks**
I	Matter-Its Nature and Behaviour: Chapter - 2	09
II	Organization in the Living World: Chapter - 5 and 6	18
III	Motion, Force and Work: Chapter - 8 and 9	13
Units	**Term - II**	**Marks**
I	Matter-Its Nature and Behaviour: Chapter 3 and 4	18
II	Organization in the Living World: Chapter -13	08
III	Motion, Force and Work: 10 and 11	14
Total Theory (Term I+II)		**80**
Internal Assessment: Term I		**10**
Internal Assessment: Term II		**10**
Grand Total		**100**

TERM – I

Theme: Materials

Unit I: Matter- It's Nature and Behaviour

<u>Chapter – 2 Is matter around us Pure</u>

Nature of matter: Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions.

Theme: The World of the Living

Unit II: Organization in the Living World

<u>Chapter – 5 The Fundamental Unit of Life</u>

Cell - Basic Unit of life: Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.

<u>Chapter – 6 Tissues</u>

Tissues, Organs, Organ System, Organism:

Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).

Theme: Moving Things, People and Ideas

Unit III: Motion, Force and Work

Chapter – 8 Motion

Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, derivation of equations of motion by graphical method; elementary idea of uniform circular motion.

Chapter – 9 Force and Laws of Motion

Force and Newton's laws: Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of Momentum.

TERM - II

Theme: Materials

Unit I: Matter- It's Nature and Behaviour

Chapter – 3 Atoms and Molecules

Particle nature and their basic units: Atoms and molecules, Law of constant proportions, Atomic and molecular masses. Mole concept: Relationship of mole to mass of the particles and numbers.

Chapter – 4 Structure of Atom

Structure of atoms: Electrons, protons and neutrons, valency, chemical formula of common compounds. Isotopes and Isobars.

Theme: Moving Things, People and Ideas

Unit III: Motion, Force and Work

Chapter – 10 Gravitation

Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.

Chapter – 11 Work and Energy

Work, energy and power: Work done by a Force, Energy, power; Kinetic and Potential energy; Law of conservation of energy.

Theme: The World of the Living

Unit II: Organization in the Living World

Chapter – 13 Why do we fall ill

Health and Diseases: Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation.Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention; Principles of treatment and prevention. Pulse Polio programmes.

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ONLY FOR INTERNAL ASSESSMENT

Note*: *Learners are assigned to read the below listed part of Unit IV. They can be encouraged to prepare a brief write up on any one concept of this Unit in their Portfolio. This may be an assessment for Internal Assessment and credit may be given (Periodic assessment/Portfolio). This portion of the Unit is not to be assessed in the year-end examination.

Theme: Natural Resources: Balance in nature

Unit IV: Our Environment

Chapter -14 Natural Resources

Physical resources: Air, Water, Soil. Air for respiration, for combustion, for moderating temperatures; movements of air and its role in bringing rains across India.

Air, water and soil pollution (brief introduction).Holes in ozone layer and the probable damages.

Bio-geo chemical cycles in nature: Water, Oxygen, Carbon and Nitrogen.

PRACTICALS

Practicals should be conducted alongside the concepts taught in theory classes.

TERM-I

LIST OF EXPERIMENTS

1. Preparation of:
   a) a true solution of common salt,sugar and alum
   b) a suspension of soil, chalk powder and fine sand in water
   c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of
      - transparency
      - filtration criterion
      - stability**Unit-I: (Chapter -2)**
2. Preparation of
   a) A mixture
   b) A compound

   using iron filings and sulphur powder and distinguishing between these on the basis of:
   i. appearance, i.e., homogeneity and heterogeneity
   ii. behaviour towards a magnet

iii. behaviour towards carbon disulphide as a solvent

iv. effect of heat**Unit-I:(Chapter-2)**

3. Perform the following reactions and classify them as physical or chemical changes

   a) Iron with copper sulphate solution in water

   b) Burning of magnesium ribbon in air

   c) Zinc with dilute sulphuric acid

   d) Heating of copper sulphate crystals

   e) Sodium sulphate with barium chloride in the form of their solutions in water.

Unit-I:(Chapter-2)

4. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams. **Unit-II**:**(Chapter-5)**

5. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams. **Unit-II:(Chapter-6)**

TERM-II

LIST OF EXPERIMENTS

1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. **Unit-III:(Chapter–10)**

2. Establishing the relation between the loss in weight of a solid when fully immersed in

   a) Tap water

   b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.**Unit-III:(Chapter–10)**

3. Verification of the law of conservation of mass in a chemical reaction.**Unit-I:(Chapter–3)**

SOCIAL SCIENCE (087)

COURSE STRUCTURE
CLASS IX (2021-22)

TERM- I

			M. MARKS: 40
No.	**Units**	**No. of Periods**	**Marks**
I	India and the Contemporary World -1	17	10
II	Contemporary India – I	14	10
III	Democratic Politics – I	20	10
IV	Economics	20	10
	Total	**71**	**40**

TERM- II

			M. MARKS: 40
No.	**Units**	**No. of Periods**	**Marks**
I	India and the Contemporary World -1	34	10
II	Contemporary India – I	24	10
III	Democratic Politics – I	18	10
IV	Economics	10	10
	Total	**86**	**40**

COURSE CONTENT- IX

TERM- I	
Unit 1: India and the Contemporary World – I	
Themes	**Learning Objectives**
Section 1: Events and Processes: (Theme one) **I. The French Revolution** • French Society during the late eighteenth century • The Outbreak of the Revolution • France abolishes Monarchy and Becomes a Republic • Did Women have a Revolution? • The Abolition of Slavery • The Revolution and Everyday Life	*In this theme students would get familiarized with distinct ideologies, extracts of speeches, political declarations, as well as the politics of caricatures, posters and engravings. Students would learn how to interpret these kinds of historical evidences.* • Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it. • Know the use of written, oral and visual material to recover the history of revolutions.
Unit 2: Contemporary India – I	
Themes	**Learning Objectives**
1. India • Size and Location • India and the World • India's Neighbours **2. Physical Features of India** • Major Physiographic Divisions	• Identify the location of India in the Indian subcontinent. • Understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types.
Unit 3: Democratic Politics – I	
Themes	**Learning Objectives**
1. What is Democracy? Why Democracy? • What is Democracy? • Features of Democracy • Why Democracy?	• Develop conceptual skills of defining democracy. • Understand how different historical processes and forces have promoted democracy.

• Broader Meaning of Democracy **2. Constitutional Design** • Why do we need a Constitution? • Making of the Indian Constitution • Guiding Values of the Indian Constitution	• Develop a sophisticated defence of democracy against common prejudices. • Develop a historical sense of the choice and nature of democracy in India. • Understand the process of Constitution making. • Develop respect for the Constitution and appreciation for Constitutional values. • Recognize Constitution as a dynamic and living document.
Unit 4: Economics	
Themes	**Learning Objectives**
1. The Story of Village Palampur • Overview • Organization of production • Farming in Palampur • Non-farm activities of Palampur **2. People as Resource** • Overview • Economic activities by men and women • Quality of Population • Unemployment	• Familiarize with basic economic concepts through an imaginary story of a village. • Understand the demographic concepts. • Understand how population can be an asset or a liability for a nation.

LIST OF MAP ITEMS
CLASS IX (2021-22)

TERM – I

SUBJECT - HISTORY

Chapter-1: The French Revolution

Outline Political Map of France

- Bordeaux
- Nantes
- Paris
- Marseilles

SUBJECT – GEOGRAPHY

Chapter -1: India-Size and Location

- India-States with Capitals, Tropic of Cancer, Standard Meridian

Chapter -2: Physical Features of India

- **Mountain Ranges:** The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats
- **Mountain Peaks** – K2, Kanchan Junga, Anai Mudi
- **Plateau -** Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- **Coastal Plains -** Konkan, Malabar, Coromandel & Northern Circar

COURSE CONTENT - IX

TERM II	
Unit 1: India and the Contemporary World – I	
Themes	**Learning Objectives**
Section 1: Events and Processes: (Theme two and three)	*In each of these two themes in this unit students would get familiarized with distinct ideologies, extracts of speeches, political declarations, as well as the politics of caricatures, posters and engravings. Students would learn how to interpret these kinds of historical evidences.*
II. Socialism in Europe and the Russian Revolution • The Age of Social Change • The Russian Revolution • The February Revolution in Petrograd • What Changed after October? • The Global Influence of the Russian Revolution and the USSR	• Explore the history of socialism through the study of Russian Revolution. • Familiarize with the different types of ideas that inspired the revolution.
III. Nazism and the Rise of Hitler • Birth of the Weimar Republic • Hitler's Rise to Power • The Nazi Worldview • Youth in Nazi Germany • Ordinary People and the Crimes Against Humanity	• Discuss the critical significance of Nazism in shaping the politics of modern world. • Get familiarized with the speeches and writings of Nazi Leaders.
Unit 2: Contemporary India – I	
Themes	**Learning Objectives**
3. Drainage • Major rivers and tributaries • Lakes • Role of rivers in the economy • Pollution of rivers *Note: Only Map Items as given in the Map List from this chapter to be evaluated in Examination.*	• Identify the river systems of the country and explain the role of rivers in the human society.
4. Climate • Concept • Climatic Controls • Factors influencing India's climate • The Indian Monsoon • Distribution of Rainfall • Monsoon as a unifying bond **5. Natural Vegetation and Wild Life** • Factors affecting Vegetation	• Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of people. • Explain the importance and unifying role of monsoons.

• Vegetation types • Wild Life Conservation	• Explain the nature of diverse flora and fauna as well as their distribution. • Develop concern about the need to protect the biodiversity of our country.
Unit 3: Democratic Politics – I	
Themes	**Learning Objectives**
3. Electoral Politics • Why Elections? • What is our System of Elections? • What makes elections in India democratic? **4. Working of Institutions** • How is the major policy decision taken? • Parliament • Political Executive • Judiciary	• Understand representative democracy via competitive party politics. • Familiarize with Indian electoral system. • Reason out for the adoption of present Indian Electoral System. • Develop an appreciation of citizen's increased participation in electoral politics. • Recognize the significance of the Election Commission. • Get an overview of central governmental structures. • Identify the role of Parliament and its procedures. • Distinguish between political and permanent executive authorities and functions. • Understand the parliamentary system of executive's accountability to the legislature. • Understand the working of Indian Judiciary.
Unit 4: Economics	
Themes	**Learning Objectives**
3. Poverty as a Challenge • Two typical cases of poverty • Poverty as seen by Social Scientists • Poverty Estimates • Vulnerable Groups • Interstate disparities • Global Poverty Scenario • Causes of Poverty • Anti-poverty measures • The Challenges Ahead	• Understand poverty as a challenge. • Identify vulnerable group and interstate disparities. • Appreciate the initiatives of the government to alleviate poverty.

LIST OF MAP ITEMS
CLASS IX (2021-22)
TERM- II

SUBJECT - HISTORY

Chapter-2: Socialism in Europe and the Russian Revolution

Outline Political Map of World (For locating and labeling / Identification)

- **Major countries of First World War**

(Central Powers and Allied Powers)

Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire)

Allied Powers - France, England, Russia, U.S.A.

Chapter-3: Nazism and Rise of Hitler

Outline Political Map of World (For locating and labeling / Identification)

- **Major countries of Second World War**

Axis Powers – Germany, Italy, Japan

Allied Powers – UK, France, Former USSR, USA

- **Territories under German expansion** (Nazi Power)

Austria, Poland, Czechoslovakia (only Slovakia shown in the map), Denmark, Lithuania, France, Belgium

SUBJECT – GEOGRAPHY (Outline Political Map of India)

Chapter -3: Drainage

- Rivers: (Identification only)
    - *The Himalayan River Systems*-The Indus, The Ganges, and The Satluj
    - *The Peninsular rivers*-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi
- Lakes: Wular, Pulicat, Sambhar, Chilika

Chapter - 4: Climate

- Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)

Chapter - 5: Natural Vegetation and Wild Life

- Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only
- National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas
- Bird Sanctuaries: Bharatpur and Ranganthitto
- Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)

INTERNAL ASSESSMENT

	Marks	Description
Periodic Assessment	10 Marks	Pen Paper Test — 5 marks Assessment using multiple strategies For example, Quiz, Debate, Role Play, Viva, Group Discussion, Visual Expression, Interactive Bulletin Boards, Gallery Walks, Exit Cards, Concept Maps, Peer Assessment, Self-Assessment, etc. — 5 marks
Portfolio	5 Marks	• Classwork and Assignments • Any exemplary work done by the student • Reflections, Narrations, Journals, etc. • Achievements of the student in the subject throughout the year • Participation of the student in different activities like Heritage India Quiz
Subject Enrichment Activity	5 Marks	• Project Work
TOTAL	**20 MARKS**	

PROJECT WORK

CLASS IX (2021-22)

05 Marks

1. Every student has to compulsorily undertake one project on Disaster Management.
2. **Objectives**: The main objectives of giving project work on Disaster Management to the students are to:
   a. create awareness in them about different disasters, their consequences and management
   b. prepare them in advance to face such situations
   c. ensure their participation in disaster mitigation plans
   d. enable them to create awareness and preparedness among the community.
3. The project work should also help in enhancing the Life Skills of the students.
4. If possible, ***different forms of art*** may be integrated in the project work.

5. In order to realize the expected objectives completely, it would be required of the Principals / Teachers to muster support from various local authorities and organizations like the Disaster Management Authorities, Relief, Rehabilitation and the Disaster Management Departments of the States, Office of the District Magistrate/ Deputy Commissioners, Fire Service, Police, Civil Defense etc. in the area where the schools are located.
6. The distribution of marks over different aspects relating to Project Work is as follows:

S. No.	Aspects	Marks
a.	Content accuracy, originality and analysis	**2**
b.	Presentation and creativity	**2**
c.	Viva Voce	**1**

7. The project carried out by the students should subsequently be shared among themselves through interactive sessions such as exhibitions, panel discussions, etc.
8. All documents pertaining to assessment under this activity should be meticulously maintained by the schools.
9. A Summary Report should be prepared highlighting:
    a. objectives realized through individual work and group interactions
    b. calendar of activities
    c. innovative ideas generated in the process (like comic strips, drawings, illustrations, script play etc.);
    d. list of questions asked in viva voce.
10. It is to be noted here by all the teachers and students that the projects and models prepared should be made from eco-friendly products without incurring too much expenditure.
11. The Project Report should be handwritten by the students themselves.
12. The record of the project work (internal assessment) should be kept for a period of three months for verification, if any.

Note: Please procure latest reprinted edition of prescribed NCERT textbooks.