

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR HALF YEARLY EXAMINATION
(SESSION – 2025-2026)
CLASS – IX
SUBJECT – ARTIFICIAL INTELLIGENCE (417)

MAX. MARKS – 50

TIME – 2Hours

PART A-EMPLOYABILITY SKILLS(10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - I	3	3	6
2	Self-Management Skills-I	3	2	5
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1x4=4	2x3=6	10 MARKS

PART B-SUBJECT SPECIFIC SKILLS(40 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	4 MARKS EACH	
1	AI Refection, Project Cycle & ethics	13	3	3	19
2	Data Literacy	8	2	1	11
3	Introduction to Python	3	1	1	5
TOTAL QUESTIONS		24	6	5	35
NO. OF QUESTIONS TO BE ANSWERED		Any 20	Any 4	Any 3	27
TOTAL MARKS		1x20=20	2x4=8	4x3 =12	40 MARKS

QUESTION PAPER DESIGN AS PER THE COMPETENCIES.

SI No.	Competencies	Total Marks	% Weightage
1	DEMONSTRATE	20	40
2	APPLICATION	20	40
3	FORMULATE	10	20

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR PERIODIC TEST - II/HALF YEARLY EXAMINATION

SESSION: 2025-26

CLASS- IX

MAX. MARKS – 80

SUBJECT- BENGALI

TIME – 3 HOURS

Name of the Chapters	Typology of the Questions							Total no. of Question
	MCQ (1 Mark)	(1 Mark)	SA-I (2 Marks)	SA-II (3 Marks)	LA (5 Marks)	Case Study/Source Based	Map Skill	
1. বোধপরীক্ষণ (3টি) (MCQ) প্রতিটি বোধপরীক্ষণ থেকে 4টি করে MCQ প্রশ্ন থাকবে। প্রতিটি বোধপরীক্ষণের চতুর্থ প্রশ্নটি ব্যাকরণগত হবে।)	PART A Question No. 1 (1x4)x3=12							12
2. ব্যাকরণ স্বরসন্ধি সমাস (দ্বিগু,তৎপুরুষ,বহুব্রীহি) (5 টি MCQ এর মধ্যে 3 টি করতে হবে। 14 টি প্রশ্ন থেকে 10 টির উত্তর করতে হবে।)	PART A Question No.2 (1x3)=03	PART B Question No.5 (1X4=4) Question No.6,7 (1X3)x2=06						13
3.সাহিত্য সঞ্চয়ন (গদ্য) ছুটি, চিঠি (দুটি গল্প থেকে মোট 8 টি MCQ থাকবে যার মধ্যে 6 টির উত্তর লিখতে হবে এবং পূর্ণমান ২	PART A Question No.3 (1x6)=6		PART B Question No.8 (2x1)=02	PART B Question No.9 (3x2)=06	PART B Question No.10 (2+3)=5			10

নম্বরের একটি এবং পূর্ণমান 3 নম্বরের দুটি প্রশ্নের উত্তর দিতে হবে। 2+3 এই মানের 2 টি প্রশ্নের মধ্যে 1 টি করতে হবে।)								
4. সাহিত্য সম্বন্ধে (পদ্য) খেয়া ব্যথার বাঁশি (2 টি কবিতা থেকে 2 টি সপ্রসঙ্গ ব্যাখ্যা দিতে হবে, 1 টি লিখতে হবে এবং 2 টি 2+3 এই মানের প্রশ্নের মধ্যে 1 টি করতে হবে।)					PART B Question No.11 (5x1)=5 Question No.12 (2+3)=5			2
5.আম আঁটির ভেঁপু(প্রথম থেকে অষ্টম অধ্যায়) (6 টি MCQ প্রশ্নের মধ্যে 4 টি করতে হবে। একটি 2+3 এই মানের প্রশ্নের উত্তর লিখতেই হবে এবং অপর 2+3 এই মানের দুটি প্রশ্নের মধ্যে 1 টি করতে হবে।)	PART A Question No.4 1x4=4				PART B Question No.13&14 (2+3)x2=10			6
6. বিজ্ঞপ্তি রচনা (2 টির মধ্যে 1 টি লিখতে হবে।)					PART-B Question No.15 6x1=6			1
7. প্রতিবেদন রচনা (2 টির মধ্যে 1 টি লিখতে হবে।)					PART-B Question No.16 6x1=6			1

Total Marks (16 Questions)	25	10	02	06	37			80

QUESTION PAPER DESIGN AS PER THE COMPETENCIES.

Sl No.	Competencies	Total Marks	% Weightage
1	DEMONSTRATE	12	15%
2	APPLICATION	31	38.75%
3	FORMULATE	37	46.25%

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR HALF YEARLY EXAMINATION

SESSION – 2025-2026

CLASS – IX

SUBJECT – COMMUNICATIVE ENGLISH (Code NO. 101)

MAX. MARKS -80

TIME – 3 HOURS

[illegible]

Literature Textbook Extract Based Question 2 extracts out of 3 (from prose / poetry for reference to the context)	26	1x4=4 + 1x4=4								8(12)
SAQ (30-40 words) 6 questions out of 7				2x6 =12						6 (7)
LAQ (120 words) 1 question out of 2							6 x 1 = 6			1(2)
TOTAL	80	27	11	12	4	5	6	7	8	49 (56)

QUESTION PAPER DESIGN AS PER THE COMPETENCIES

SL. No.	Competencies	% Weightage
1	Demonstrative Knowledge + Understanding (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles or theories, identify, define, or recite, information, Comprehension – to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information)	Upto 30%
2	Conceptual Application (Use abstract information in concrete situation, to apply knowledge to new situations; use given content to interpret a situation, provide an example or solve a problem)	Upto 35%
3	Formulation Analysis, Evaluation and Creativity Analysis & Synthesis- classify, compare, contrast, or differentiate between different pieces of information; organize and/or integrate unique pieces of information from a variety of sources.	Upto 35%
	Total	100%

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR PERIODIC TEST-II/ HALF YEARLY EXAMINATION
CLASS: IX **SUBJECT: HINDI** **MAXIMUM MARKS: 80**

1. प्रश्नपत्र में चार खंड होंगे- खंड 'क', 'ख', 'ग' और 'घ'।
2. प्रश्नपत्र के चारों खंडों में प्रश्नों की संख्या 15 होगी, और सभी प्रश्न अनिवार्य होंगे।

क्रम संख्या	सामग्री	पूर्णांक	प्रश्न के प्रकार				कुल प्रश्न
			1 स्मरण / समझ पर आधारित	2 कथन-कारण	3 गवेषणा / स्रोत / निष्पादन/ अनुक्रमण आधारित समेकित प्रश्न	4 विश्लेषणात्मक / अनुप्रयोग / मूल्यांकन / रचनात्मक पर आधारित	
खंड-क अपठित बोध (14 अंक) (कुल प्रश्न-10) (अतिरिक्त प्रश्न-×)							
1.	एक अपठित गद्यांश (शब्दसीमा 250)	1×3=3 2×2=4	1	1	1	2+2	5
2.	एक अपठित काव्यांश (शब्दसीमा 120)	1×3=3 2×2=4	1	1	1	2+2	5
खंड-ख व्यावहारिक व्याकरण (16 अंक) (कुल प्रश्न-20) (अतिरिक्त प्रश्न-4)							
3.	उपसर्ग-प्रत्यय (विकल्प सहित)	1×2=2 1×2=2	5	-----	-----	-----	5
4.	समास (विकल्प सहित)	1×4=4	5	-----	-----	-----	5
5.	अर्थ के आधार पर वाक्य-भेद (विकल्प सहित)	1×4=4	5	-----	-----	-----	5
6.	अलंकार- अनुप्रास, यमक, श्लेष (विकल्प सहित)	1×4=4	5	-----	-----	-----	5
खंड-ग पाठ्य पुस्तक एवं पूरक पाठ्य पुस्तक (30 अंक) (कुल प्रश्न-21) (अतिरिक्त प्रश्न-3)							
7.	पठित गद्यांश पर आधारित 5 बहुविकल्पी प्रश्न	1×5=5	2	1	2	-----	5
8.	क्षितिज-भाग-1 के गद्य खंड से 4 प्रश्न(शब्दसीमा 25-30)(विकल्प सहित)	2×3=6	-----	-----	2	2	4

9.	पठित काव्यांश पर आधारित 5 बहुविकल्पी प्रश्न	1×5=5	2	1	2	-----	5
10.	क्षितिज-भाग-1 के काव्य खंड से 4 प्रश्न(शब्दसीमा 25-30)(विकल्प सहित)	2×3=6	-----	-----	2	2	4
11.	कृतिका-भाग-1 से 3 प्रश्न (शब्दसीमा 50-60) (विकल्प सहित)	4×2=8	-----	-----	2	1	3
खंड-घ रचनात्मक लेखन (20 अंक) (कुल प्रश्न-9) (अतिरिक्त प्रश्न-5)							
12.	अनुच्छेद-लेखन (शब्दसीमा 120) (विकल्प सहित)	6×1=6	-----	-----	-----	3	3
13.	औपचारिक एवं अनौपचारिक पत्र (शब्दसीमा 100) (वैकल्पिक)	5×1=5	-----	-----	-----	2	2
14.	औपचारिक वा अनौपचारिक ई-मेल- लेखन एवं लघुकथा-लेखन (शब्दसीमा 100) (वैकल्पिक)	5×1=5	-----	-----	-----	2	2
15.	संवाद-लेखन एवं सूचना-लेखन (शब्दसीमा 80) (वैकल्पिक)	4×1=4	-----	-----	2	-----	2
TOTAL		80	26	4	14	16	60

DAV INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR HALF YEARLY EXAMINATION

SESSION – 2025-2026

CLASS: IX

SUBJECT: MATHEMATICS

MAXIMUM MARKS: 80

TIME: 3 HRS

Name of the Chapters	Typology of Questions						Total Number of Questions
	MCQ (1 mark)	Assertion & Reasoning (1 mark)	SA-I (2 marks)	SA-II (3 marks)	LA (5 marks)	Case Study (4 marks)	
1. Number System	4	1	1	1*	1	-----	8
2. Polynomials	3	-----	1*	1	1*	1	7
3. Lines and Angles	2	-----	1	1 + 1*	-----	1	6
4. Introduction to Euclid's Geometry	2	-----	-----	1	-----	-----	3
5. Triangles	3	1	1	1	1*	-----	7
6. Heron's Formula	4	-----	1*	-----	1	1	7
Total	18	02	05	06	04	03	80 (38)

Note: 1. Internal choice are indicated by “*”.

2. Each case study will contain three questions as sub-parts having two questions of 1 mark and one question of 2 marks (with an internal choice in 2 marks question).

3. The portions which are included for formative assessments, must not be included in Half-Yearly Examination. Please see **Curriculum / Reading Materials provided by CBSE.**

QUESTION PAPER DESIGN AS PER THE COMPETENCIES:

Sl. No.	Competencies	Total Marks	% Weightage
1.	Demonstrate	43	54
2.	Application	19	24
3.	Formulate	18	22

‘ग’ – खण्डः (अनुप्रयुक्त- व्याकरणम्)	(बहुविकल्पात्मकम्)										
	शब्दरूपाणि (बहुविकल्पात्मकम्)	1x4								4	4
	धातुरूपाणि (बहुविकल्पात्मकम्)	1x4								4	4
	प्रत्ययाः (बहुविकल्पात्मकम्)	1x3								3	3
	अव्ययपदानि (लघुत्तरात्मकम्)		½ x4							4	2
	संख्या (लघुत्तरात्मकम्)		½ x4							4	2
‘ग’ – भागः (पठित-अवबोधनम्)	अविवेक परमापदां पदम्	½ x 2	1x2	1x2		1x5	½x4	½ x8	1x4	39	30
	विजयतां स्वदेशः										
	विद्यया भान्ति सद्गुणाः / पाथेयम्										
	TOTAL	26	29	9	1	5	2	4	4	103/98	80

QUESTION PAPER DESIGN AS PER THE CBSE SAMPLE QUESTION PAPER.

- Question Paper Font will be SANSKRIT TEXT
- Font Size will be 14

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUE PRINT FOR HALF YEARLY EXAMINATION
SESSION – 2025-2026
CLASS –IX

SUBJECT – SCIENCE

MAX. MARKS - 80

CH NO.	NAME OF THE CHAPTER	TYPOLOGIES										Total Marks (total no. Of Question)
		Simple MCQ (1 Mark)	MCQ Assertion/ Reasoning (1 Mark)	MCQ Correct/ Incorrect (1 Mark)	MCQ Match the following (1 Mark)	MCQ Graph/ Data/Map Based (1 Mark)	MCQ Arranging / Sequencing (1 Mark)	Short Answer (2 Marks)	SHORT ANSWER (3 Marks)	LONG ANSWER (5 Marks)	Case Based/ Source Based (4 Marks)	
7	MOTION	-	1	-	-	-	-	1	1	1*	-	11 (4)
8	FORCE AND LAWS OF MOTION	1	-	-	-	-	-	1*	1	-	1*	10 (4)
9	GRAVITATION (UPTO MASS AND WEIGHT)	1	-	-	-	-	-	1	1	-	-	6(3)
1	MATTER IN OUR SURROUNDINGS	3	1	-	-	-	-	-	1	1*	-	12 (6)
2	IS MATTER AROUND US PURE?	3	-	1	-	-	-	1	1*	-	1*	13 (7)
5	THE FUNDAMENTAL UNIT OF LIFE	1	1	1	-	1	-	1	1	1*	-	14 (7)
6	TISSUES	1	1	-	1	1	1	1*	1	-	1*	14(8)
	Total Marks (Total no. Of Question)	10 (10)	4 (4)	2 (2)	1 (1)	2(2)	1 (1)	12 (6)	21 (7)	15 (3)	12 (3)	80(39)

Note: Internal choices are being provided in two questions of 2 marks, one question of 3 marks, three questions of 5 marks and one sub part question of 4 marks indicated by (*).

The question paper should strictly be framed according to the latest sample paper issued by the CBSE (2025-26).

QUESTION PAPER DESIGN AS PER THE COMPETENCIES

SI No.	Competencies	Total Marks	% Weight age
1	Demonstrate Knowledge and Understanding	40	50%
2	Application of Knowledge/Concepts	24	30%
3	Formulate, Analyze, Evaluate and Create	16	20%

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR HALF YEARLY EXAMINATION
(SESSION – 2025-2026)

CLASS – IX

SUBJECT – SOCIAL SCIENCE

MAX. MARKS - 80

TIME – 3 HOURS

Name of the Chapters		Typology of the Questions							Total no. of Questions
		MCQ (1 Mark)	Assertion & Reasoning (1 Mark)	SA (2 Marks)	SA (3 Marks)	LA (5 Marks)	Case Study/ Source Based (4 Marks)	Map Skill (1 Mark)	
HISTORY	The French Revolution	2	-	-	-	1 Internal choice	-	2	4 (2 Qs from map)
	Socialism in Europe and the Russian Revolution	2	-	1 Internal choice	1	-	1	-	6
POL SC	What is democracy? Why democracy?	1	1	1	1	-	-	-	4
	Constitutional design	2	-	1	-	1 Internal choice	1	-	5
GEOGRAPHY	India-Size and location	1	-	-	-	-	-	1	1(1 Qs from map)
	Physical features of India	2	1	1	-	1 Internal choice	-	1	5(1 Qs from map)
	Drainage	2	-	-	-	-	1	1	3 (1 Qs from map)
ECONMICS	People as Resource	4	2	-	3 (Internal choice in any one)	1 Internal choice	-	-	10
Total Marks		16	4	8	15	20	12	5	80 (36+1 map)

QUESTION PAPER DESIGN AS PER THE COMPETENCIES.

Sl No.	Competencies	Total Marks	% Weightage
1	Remembering & Understanding	24	30
2	Applying	11	13.25
3	Formulating, Analysing, Evaluating & Creating	40	50
4	Map Skill	5	6.25

Note: Prepare the question paper according to the separate sections (History/Geography/Political Science/Economics) as per the latest Sample Paper (2025-2026) issued by CBSE.