

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR HALF YEARLY EXAMINATION
(SESSION – 2025-2026)
CLASS – X
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 - II	3	3	6
2	Self-Management Skills-II	3	2	5
TOTAL QUESTIONS		6	5	11
NO.OF QUESTIONSTO 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	Unit -1-Revisiting AI Project Cycle & Ethical Frameworks for AI	8	1	2	11
2	Unit 2. Advanced concepts of Modeling in AI	8	3	2	13
4	Unit 3: Evaluating Models	8	2	1	11
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- X

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 ব্যঞ্জনসন্ধি, বিসর্গসন্ধি সমাস (দ্বন্দ্ব, কর্মধারয়, অব্যয়ীভাব) (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) জ্ঞানচক্ষু আলোবাবু (দুটি গল্প থেকে মোট 8 টি MCQ থাকবে যার মধ্যে 6 টির উত্তর	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

লিখতে হবে এবং পূর্ণমান ২ নম্বরের একটি এবং পূর্ণমান ৩ নম্বরের দুটি প্রশ্নের উত্তর দিতে হবে। 2+3 এই মানের 2 টি প্রশ্নের মধ্যে 1 টি করতে হবে।)								
4. সাহিত্য সম্বন্ধে (পদ্য) তিন পাহাড়ের কোলে আয় আরো বেঁধে বেঁধে থাকি (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. গল্পগুচ্ছ পোস্টমাস্টার কাবুলিওয়ালা (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. অনুচ্ছেদ রচনা (3 টির মধ্যে 1 টি লিখতে হবে।)					PART-B Question No.15 6x1=6			1
7. সম্পাদকীয় পত্র (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 – X

SUBJECT – COMMUNICATIVE ENGLISH (Code NO. 101)

MAX. MARKS -80

TIME – 3 Hours

Name of the Section	Total Marks Allotted	Typology of the questions							No. of questions To be attempted (out of total no. of questions)
		Type 1 (1 mark) VSAQ	Type 2 (1 mark) MCQ	Type 3 (2 marks) SAQ 30-40 words	Type 4 (3 marks)	Type 5 (4 marks)	Type 6 (7 marks)	Type 7 (8 marks)	
SECTION A Reading Two comprehension passages <i>The passages can have continuous and non-continuous texts inspired from the themes in prescribed books.</i> CONTINUOUS TEXT	22	1 x 2=2	1x4=4	2x3=6					17(17)
NON-CONTINUOUS TEXT <i>For non- continuous texts refer to Main Course Book (MCB)</i>		1 x 2=2	1x4=4	2x2=4					
SECTION B Writing	22				<i>Application for leave/change of subject /change of section/bus-timings or similar topics (50 words)</i>	Factual Description of a person/object (100 words)	One out of two formal letters thematically aligned to topics in MCB. (120 words)	One out of two articles based on verbal cues, thematically aligned to topics in MCB. (150 words)	4 (6)

SECTION C Grammar - Gap filling 1x3=3 marks - Editing or Omission 1x4=4marks - Sentences Reordering or Sentence Transformation in context 1x3=3 marks	10	1 x 4 = 4 <i>Editing or Omission</i> 1x1=1 <i>Sentence Re-ordering</i> 1x2=2 <i>Sentence Transformation in context</i>	1x3=3 <i>for Gap - Filling</i>						10 (10)
SECTION D 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) 5 questions out of 6				2x5 =10					5 (6)
LAQ (150 words) 1question out of 2 (Can be a passage-based question taken from a situation / plot from the texts)								8 x 1 = 8	1 (2)
TOTAL	80	19	11	20	3	4	7	16	45 (53)

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)	Up to 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)	Up to 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.	Up to 35%
	Total	100%

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
BLUEPRINT FOR PERIODIC TEST-II/ HALF YEARLY EXAMINATION
 CLASS: X 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.	रचना के आधार पर वाक्य-भेद (विकल्प सहित)	1×4=4	5	-----	-----	-----	5
4.	वाच्य (विकल्प सहित)	1×4=4	5	-----	-----	-----	5
5.	पदपरिचय (विकल्प सहित)	1×4=4	5	-----	-----	-----	5
6.	अलंकार- उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण (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-2 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-2 के काव्य खंड से 4 प्रश्न(शब्दसीमा 25-30)(विकल्प सहित)	2×3=6	-----	-----	2	2	4
11.	कृतिका-भाग-2 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.	स्ववृत्त-लेखन एवं औपचारिक ई-मेल- लेखन (शब्दसीमा 80) (वैकल्पिक)	5×1=5	-----	-----	-----	2	2
15.	विज्ञापन-लेखन एवं संदेश-लेखन (शब्दसीमा 40) (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: X

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. Real Numbers	2	-----	1*	1	-----	1	5
2. Polynomials	2	-----	1	1 + 1*	-----	-----	5
3. Pair of Linear Equations in Two Variables	3	-----	-----	1	1*	-----	5
4. Quadratic Equations	2	1	1*	-----	1	-----	5
5. Triangles	2	-----	-----	1*	1	-----	4
6. Coordinate Geometry	2	1	1	-----	-----	1	5
7. Introduction to Trigonometry	3	-----	-----	1	1*	-----	5
8. Probability	2	-----	1	-----	-----	1	4
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).

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

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

CLASS – X

SUBJECT – SANSKRIT

MAX. MARKS - 80

TIME – 180 MINUTES

[illegible]

‘ग’ – खण्डः (अनुप्रयुक्त- व्याकरणम्)	प्रत्ययाः (बहुविकल्पात्मकम्)	1x4	--	--	--	--	--	--	--	4	4
	वाच्यप्रकरणम् (लघूत्तरात्मकम्)	--	1x3	--	--	--	--	--	--	3	3
	समयलेखनम् (लघूत्तरात्मकम्)	--	1x3	--	--	--	--	--	--	3	3
	अव्ययपदानि (लघूत्तरात्मकम्)	--	1x4	--	--	--	--	--	--	4	4
	अशुद्धि-संशोधनकार्यम् (बहुविकल्पात्मकम्)	-	1x3	--	--	--	--	--	--	3	3
‘ग’ – भागः (पठित-अवबोधनम्)	वाङ्मयं तपः	½ x2	1x2	1x2	--	1x5	½x4		1x4	39	30
	नास्ति त्यागसमं सुखम्				--						
	रमणीया हि सृष्टिः एषा				--						
	आज्ञा गुरुणां हि अविचारणीया				--			½x8			
	TOTAL	17	38	9	1	5	2	4	4	97/9 2	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 –X

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)	
9	LIGHT: REFLECTION AND REFRACTION	1	1	-	-	-	-	1	2	1*	-	15 (6)
10	THE HUMAN EYE AND THE COLOURFUL WORLD	1	-	-	-	-	-	1*	1	-	1*	10 (4)
1	CHEMICAL REACTIONS AND EQUATIONS	3	1	-	-	-	--	-	1	1*	-	12 (6)
2	ACIDS, BASES AND SALTS	3	-	1	-	-	-	1	1*	-	1*	13 (7)
5	LIFE PROCESSES	1	1	1	-	1	-	2	1	1*	-	16 (8)
6	CONTROL AND COORDINATION	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

Sl 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 – X

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)	VSA (2 Marks)	SA (3 Marks)	LA (5 Marks)	Case Study/ Source Based (4 Marks)	Map Skill (1 Mark)	
GEOGRAPHY	Ch. 1 Resources and Development	1	-	-	-	1	-	1	2
	Ch. 2. Forest and Wildlife Resources	2	1	-	-	-	-	-	3
	Ch. 3. Water Resources	2	-	1	-	-	1	2	4
ECONOMICS	Ch. 1 Development	3	-	-	1	-	-	-	4
	Ch. 2. Sectors of the Economy	3	-	-	2	1	-	-	6
HISTORY	Ch:1- The Rise of Nationalism in Europe	1	-	1	-	-	1	-	3
	Ch 2: Nationalism in India	1	-	-	1	1	-	2	3
	Ch3: The making of a Global World	2	-	-	-	-	-	-	2
POLITICAL SCIENCE	Ch 1: Power Sharing	1	1	1	-	-	-	-	3
	Ch 2: Federalism	-	-	1	-	1	-	-	2
	Ch 4: Gender, Religion and Caste	2	-	-	1	-	1	-	4
	Map	-	-	-	-	-	-	-	1 (Geo 3+ Hist. 2)
Total no. of questions		18	2	4	5	4	3	1	37
Total Marks		18	02	08	15	20	12	5	80

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, Analyzing, 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.