

**DAV INSTITUTIONS, WEST BENGAL ZONE**

**BLUEPRINT FOR MID TERM EXAMINATION: 2025-2026**

**CLASS: XII    SUBJECT: ENGLISH    MAXIMUM MARKS: 80**

Name of the Section	Total marks Allotted	Typology of questions					Total No of Questions (Marks)
		Type 1 MCQ (1 mark)	Type 2 VSA (1mark)	Type 3 SA-I (2marks) (40-50words)	Type 4 (4marks)	Type 4 VLA (5marks)	
Reading Comprehension							
							Total= 22
Factual / descriptive/ literary passage	12	1x4	1x4	2x2		-	10 (12)
Case Based factual passage with verbal / visual inputs	10	1x4	1x2	2x2		-	8 (10)
Writing Skills							
							(Total=18)
Notice Writing ( In 50 words) (One out of two)	4	-	-	-	4×1		

<b>Invitation &amp; Reply (In 50 words) (One out of two)</b>	4	-	-	-	4x1		<b>4 ( 18)</b>
<b>Letter writing: Letter to Editor /Application for Job (120-150 words) (One out of two)</b>	5	-	-	-		5x1	
<b>Article / Report Writing (120-150 words) (One out of two)</b>	5	-	-	-		5x1	
<b>Literature Textbook &amp; Supplementary Reading Text</b>							<b>Total= 40</b>
<b>Reference to context Flamingo (Poetry) (One out of two)</b>	6	1x 2	1x4	-	-		<b>16 (16)</b>
<b>Reference to context Vistas (Prose) (One out of two)</b>	4	1x1	1x3	-	-		
<b>Reference to context Flamingo (Prose) (One out of two)</b>	6	1x2	1x4	-	-		
<b>Flamingo (Prose &amp; Poetry) Word limit 40-50 words (Five out of Six)</b>	10	-	-	2x5	-		<b>5 (10)</b>
<b>Vistas (Prose) (Two out of Three) Word limit 40-50 words</b>	4	-	-	2x2	-		<b>2 (4)</b>

<b>Flamingo (Prose &amp; Poetry, Word limit 120-150 words) (One out of two)</b>	<b>5</b>	-	-	-		<b>5x1</b>	<b>1 (5)</b>
<b>Vistas (Word limit 120-150 words) (One out of two)</b>	<b>5</b>	-	-	-		<b>5x1</b>	<b>1(5)</b>
<b>TOTAL</b>	<b>(80)</b>	<b>(13)</b>	<b>(17)</b>	<b>(22)</b>	<b>(8)</b>	<b>(20)</b>	<b>(80)</b>

### QUESTION PAPER DESIGN AS PER COMPETENCIES

Section	Competencies	Total marks
<b>Reading Skills</b>	Conceptual understanding, decoding, Analyzing, inferring, interpreting, appreciating, literary, conventions and vocabulary, summarizing and using appropriate format/s.	22
<b>Writing Skills</b>	Conceptual Understanding, application of rules, Analysis, Reasoning, appropriacy of style and tone, using appropriate format and fluency, inference, evaluation and creativity.	18
<b>Literature Text Books and Supplementary Reading Texts</b>	Recalling, reasoning, critical thinking, appreciating literary convention, inference, analysis, creativity with fluency.	40
	<b>TOTAL</b>	<b>80</b>

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

**CLASS –XII**

**SUBJECT – PHYSICS**

**MAX. MARKS - 70**

**TIME – 3 Hours**

Name of the Chapters	Typology of the Questions						Total Marks	Total no. of Questions
	MCQ (1 Mark)	Assertion & Reasoning (1 Mark)	SA (2 Marks)	SA (3 Marks)	LA (5 Marks)	Case Study/ Source Based		
Chapter. 1: Electric Charges and Fields	2	1	1	1	1*	-	13	6
Chapter. 2: Electrostatic Potential and Capacitance	2	1	1*	1	1*	-	13	6
Chapter. 3: Current Electricity	2	1	2	1*	-	-	10	6
Chapter. 9: Ray Optics and Optical Instruments	3	-	-	2	1*	1	18	7
Chapter. 12: Atoms	2	1	-	1	-	1	10	5
Chapter. 13: Nuclei	1	-	1*	1	-	-	6	3
<b>Total Marks</b>	<b>12</b>	<b>4</b>	<b>10</b>	<b>21</b>	<b>15</b>	<b>8</b>	<b>70</b>	<b>33</b>

**Note:**

i. Internal choice is represented by \*

ii. Internal choice is provided to 2 questions of 2 marks, 1 question of 3 marks, 3 questions of 5 marks.

iii. 2 case-based questions are there out of which one is MCQ(No internal choice to be given in the sub parts) based and the other is subjective (Marks format for subjective case 2+1+1=4).

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES.**

SI No.	Competencies	Total Marks	% Weightage
1	REMEMBERING & UNDERSTANDING	27	38%
2	APPLYING	22	32%

3	ANALYSING, EVALUATING & CREATING	21	30%
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**D.A.V. INSTITUTIONS, WEST BENGAL ZONE**  
**BLUEPRINT FOR HALF YEARLY EXAMINATION**  
**SESSION – 2025-2026**  
**CLASS –XII**

**SUBJECT –CHEMISTRY**

**MAX. MARKS - 70**

CH NO .	NAME OF THE CHAPTER	TYPOLOGIES										Total no. of questions (MARKS)
		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)	SOURCE BASED QUESTION (4 Marks)	LONG ANSWER (5 Marks)	
1	SOLUTIONS	1(3)	1(1)	-	1(1)	-	-	2(1)	3(1)	4(1+1*+2)		14(8)
2	ELECTROCHEMISTRY	1(2)	1(1)	-	-	-	1(1)	2(1)	3*(1)+3(1)	-	5*(1)	17(8)
6	HALOALKANES AND HALOARENES	1(2)	1(1)	-	-	-	-	2*(1)	3(1)	4(1*+1+2)	-	12(6)
7	ALCOHOLS, PHENOLS AND ETHERS	1(1)	1(1)	-	-	-	-	2(1)	3(1)	-	5*(1)	12(5)
8	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	1(1)	-	-	-	-	1(1)	2(1)	3(1)+3(1)	-	5*(1)	15(6)
	TOTAL	9(9)	4(4)	-	1(1)	-	2(2)	10(5)	21(7)	8(2)	15(3)	70(33)

**Note: Internal choices are being provided in one question of 2 marks, one question of 3 marks (three out of four sub-parts), three questions of 5 marks and one sub part question of 4 marks each indicated by (\*)**

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES:**

<b>Sl No.</b>	<b>Competencies</b>	<b>Total Marks</b>	<b>% Weight age</b>
1	Remembering and Understanding	28	40%
2	Applying	21	30%
3	Analysing, Evaluating and Creating	21	30%



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

**SUBJECT – MATHEMATICS (041)**

**MAX. MARKS - 80**

**TIME – 3 HOURS**

Name of the Chapters	Typology of the Questions							Total no. of Questions(Marks)
	MCQ (1 Mark)	Assertion & Reasoning (1 Mark)	SA (2 Marks)	SA (3 Marks)	LA (5 Marks)	Case Study/ Source Based (4 Marks)		
RELATIONS AND FUNCTIONS	3	1		1		1		6(11)
INVERSE TRIGONOMETRIC FUNCTION	3		1					4(5)
MATRICES & DETERMINANTS	3	1	1	2	1*	1		9(21)
CONTINUITY & DIFFERENTIABILITY	3		1*	1*	1			6(13)
APPLICATION OF DERIVATIVES	3		1	1*	1	1		7(17)
INDEFINITE INTEGRALS	3		1*	1*	1*			6(13)
<b>Total Marks</b>	18	2	10	18	20	12		38(80)

**NOTE: Internal choices to be given for \* marked questions**

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES.**

SI No.	Competencies	Total Marks	% Weightage
1	DEMONSTRATE	37	46%
2	APPLICATION	20	25%
3	FORMULATE	23	28%

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

**CLASS – XII**

**SUBJECT – BIOLOGY**

**MAX. MARKS - 70**

**TIME – 3 HOURS**

(i)The question paper has five sections and 33 questions. All questions are compulsory. (ii) Section–A has 16 questions of 1 mark each; Section–B has 5 questions of 2 marks each; Section– C has 7 questions of 3 marks each; Section– D has 2 case-based questions of 4 marks each; and Section–E has 3 questions of 5 marks each.

NAME OF THE CHAPTERS	Typology of the Questions						Total Marks and total no. of Questions
	VSA – MCQs ( 1 Mark )	Short Answer Assertion – Reasoning type questions.( 1 Mark)	Long Answer I ( 2 marks )	Long Answer II ( 3 marks )	Case based question ( 4 marks)	Long Answer Questions ( 5marks )	
Chapter-2: Sexual Reproduction in Flowering Plants	2	1	1(2) **	1(3)			5(8)
Chapter-3: Human Reproduction	2			1(3)**		1(5)**	4(10)
Chapter-4: Reproductive Health	1	1		1(3)	1(4)		4(9)
Chapter 5 : Principles of Inheritance and variation	2		1(2) **	1(3)		1(5)**	5(12)
Chapter 6: Molecular basis of inheritance	1	1	1(2)	1(3)		1(5)**	5(12)
Chapter-14: Ecosystem	1	1	1(2)	1(3)			4(7)
Chapter 15: Biodiversity and Conservation	1			1(3)	1(4)		3(8)
Chapter-10:: Microbes in Human Welfare	2		1(2) **				3(4)
	1x12	1x4	2x5	3x7	4x2	5x3	33(70)

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES.**

SI No.	Competencies	Total Marks	% Weightage
1	Demonstrate Knowledge and Understanding	35	50%
2	Application of Knowledge / Concepts	21	30%
3	Analyse, Evaluate and Create	14	20%

**\*\*● Internal choice of approximately 33% would be provided.**

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE**  
**BLUEPRINT FOR HALF YARLY EXAMINATION**  
**SESSION – 2025-2026**  
**CLASS – XII**

**SUBJECT – COMPUTER SCIENCE**

**MAXIMUM MARKS -70**

**TIME – 3 HOURS**

Name of the Chapters	Typology of the Questions							Total no. of Questions
	(MCQ)	VSA	Assertion & Reasoning	Short Answer 2 Marks	Long Answer-1 3 Marks	Long Answer-2 4 Marks	Long Answer-3 5 Marks	
Revision of Python topics covered in Class XI	6	1	-	3	1 (OR)	-	-	11 (16 Marks)
Functions in Python	2	1	1	1 (OR)	1 (OR)	-	1	7 (14 Marks)
Exception Handling	1	1	-	1	-	-	-	3 (4 Marks)
Data File Handling (Text and CSV File Only)	3	1	-	1 (OR)	1 (OR)	1	1	8 (18 Marks)
Database Management System and SQL with Python and MySql Connectivity	3	-	1	1 (OR)	-	3 (1 OR + 1 Connectivity)	-	8 (18 Marks)
<b>Total Marks</b>	<b>1X15=15</b>	<b>1X4=4</b>	<b>1X2=2</b>	<b>2X7=14</b>	<b>3X3=9</b>	<b>4X4=16</b>	<b>5X2=10</b>	<b>37 (70 Marks)</b>

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES.**

Sl. No.	Competencies	Total Marks	% Weightage
1	Remembering and Understanding:	20	28.57
2	Applying, Analyze, Output and Evaluating:	20	28.57
3	Formulating, Creating and Coding:	30	42.86

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

**CLASS –XII**

**SUBJECT – ECONOMICS**

**MAX. MARKS - 80**

**TIME – 3 HOURS**

Name of the Chapters	TYPOLOGY OF QUESTIONS						
	Competency based MCQ (1 Mark)	Assertion & Reasoning/ Statement based MCQ (1 Mark)	SA (3 Marks)	SA (4 Marks)	LA (6 Marks)	TOTAL NO. OF QUESTIONS	TOTAL MARKS
<b>PART A</b>							
● Introduction & Basic concepts of Macroeconomics.	1	-	1		-	2	4
● National Income and related aggregates.	1	1	1*		-	3	5
● Methods of calculating National Income.	1	1	-	1	1*	4	12
● Money and Banking.	2	1			1	4	9
● Government Budget	1	1		2*		4	10
<b>PART B</b>							
● Indian Economy on the eve of independence.	1	1	-	1	-	3	6
● Indian Economy 1950- 1990.	1	1	1	-	1*	4	11
● Liberalization, Privatization and Globalization: An appraisal.	2	1	1*	1	-	5	10
● Human Capital Formation	2	1	-	1*	1	5	13
<b>TOTAL</b>	12(12 Qs)	8(8 Qs)	12(4 Qs)	24(6 Qs)	24(4Qs)	<b>34</b>	<b>80</b>

\*(INTERNAL CHOICE QUESTION)

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES.**

<b>Sl No.</b>	<b>Competencies</b>	<b>Total Marks</b>	<b>% Weightage</b>
1	<b>Remembering and Understanding</b>	44	55
2	<b>Applying</b>	18	22.5
3	<b>Analysing, Evaluating and Creating:</b>	18	22.5

**NOTE-** Incorporate case/source/extract-based questions across all typologies (MCQs, Short and long Answer type questions) as per latest sample paper issued (2025-26) by CBSE

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

**CLASS: XII**

**SUBJECT: PSYCHOLOGY**

**MAX. MARKS: 70**

**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-I (3 Marks)	SA-II (4 Marks)	LA (6 Marks)	Case Study/ Source Based	
<b>Chapter-1: Variations in Psychological Attributes</b>	4	1	1 OR	1	1	1 OR	1 Mark 2 Marls	<b>23</b>
<b>Chapter-2: Self and Personality</b>	4	1	2	2	1 OR		1 Mark 2 Marls	<b>22</b>
<b>Chapter-4: Psychological Disorders</b>	4		2	1 OR	2	1 OR		<b>25</b>
<b>Total Marks</b>	1×12=12	1×2=2	2×5=10	3×4=12	4×4=16	6×2=12	1×2=2 2×2=4	<b>70</b>

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES:**

Sl. No.	Competencies	Total Marks	% Weightage
1	Remembering and Understanding	25	35
2	Applying	31	45
3	Formulating, Analysing, Evaluating and Creating	14	20

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE**  
**HALF YEARLY EXAMINATION (Session 2025-26)**

Subject : Health care

Classes : XI & XII

Max. Time: 3 Hours

Max. Marks: 60

**General Instructions:**

1. Please read the instructions carefully.
2. This Question Paper consists of **24 questions** in two sections–Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (6+18=)24 questions , a candidate has to answer (6+11=)17 questions in the allotted(maximum) time of 3 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A- OBJECTIVE TYPE QUESTIONS (30MARKS):**
  - i. This section has 06 questions.
  - ii. There is no negative marking.
  - iii. Do as per the instructions given.
  - iv. Marks allotted are mentioned against each question/part.
7. **SECTION B –SUBJECTIVE TYPE QUESTIONS (30MARKS):**
  - i. This section contains 18 questions.
  - ii. A candidate has to do 11 questions.
  - iii. Do as per the instructions given.
  - iv. Marks allotted are mentioned against each question/par

**SECTION A: OBJECTIVE TYPE QUESTIONS**

<b>Q.1</b>	<b>Answer any 4 out of the given 6 questions on Employability Skills (1 x4=4 marks)</b>
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<b>Q.2</b>	<b>Answer any 5 out of the given 7 questions (1x5= 5 marks)</b>
<b>Q.3</b>	<b>Answer any 6 out of the given 7 questions (1x6= 6 marks)</b>

<b>Q.4</b>	<b>Answer any 5 out of the given 6 questions (1x5= 5 marks)</b>
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<b>Q.5</b>	<b>Answer any 5 out of the given 6 questions (1x5= 5 marks)</b>
<b>Q 6.</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>

## **SECTION B:SUBJECTIVE TYPE QUESTIONS**

**Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks) Answer each question in 20–30 words.**

**(Q7 to Q 11)**

**Answer any3 out of the given 5 questions in 20–30 words each (2 x3 =6marks)**

**(Q 12 to Q 16)**

**Answer any 2 out of the given 3 questions in30–50 words each (3x2=6marks)**

**(Q17 to Q19)**

**Answer any 3 out of the given5 questions in50–80 words each (4x3=12 marks)**

**(Q20 to Q24)**

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**BLUEPRINT FOR HALF YEARLY EXAMINATION**  
**(SESSION – 2025-2026)**  
**CLASS – XII**

**SUBJECT – PAINTING**

**MAX. MARKS -30**

**TIME – 2 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 (6 Marks)	Case Study/ Source Based	Map Skill	-
UNIT 1 – (A) Rajasthani schools of miniature painting	1	1	1	-	1	-	-	4
UNIT 1 – (B) Pahari schools of miniature painting	1	-	1	-	-	-	-	2
UNIT 2 – (A) Mughal schools of miniature painting	2	1	1	-	1	-	-	5
UNIT 2 – (B) Deccan schools of miniature painting	1	-	1	-	-	-	-	2
UNIT 3 – (A) National Flag of India and the symbolic significance of its forms and the colours	1	-	1	-	-	-	-	2
<b>Total Marks</b>	6	2	10	-	12	-	-	30

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES.**

SI No.	Competencies	Total Marks	% Weightage
1	<b>DEMONSTRATE</b>	12	40%
2	<b>APPLICATION</b>	10	35%
3	<b>FORMULATE</b>	8	25%

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

**CLASS – XII**

**SUBJECT PHYSICAL EDUCATION**

**MAX MARKS- 70**

**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	Map Skill	
<b>Unit 1</b> Management of sporting events	3		2	3	5			<b>06</b>
<b>Unit 2</b> Children and women in sports	3	1	2	3	5	4		<b>08</b>
<b>Unit 3</b> Yoga as preventive measure for lifestyle disease	3		2	3		4		<b>06</b>
<b>Unit 4</b> Physical education and sports for CWSN.	3	1	2	3		4		<b>07</b>
<b>Unit 5</b> Sports and Nutrition	4		2	3	5			<b>07</b>
<b>Total Marks</b>	<b>16</b>	<b>02</b>	<b>10</b>	<b>15</b>	<b>15</b>	<b>12</b>		<b>34</b>

**QUESTION PAPER DESIGN AS PER THE COMPETENCIES.**

SI No.	Competencies	Total Marks	% Weightage
1	<b>DEMONSTRATE</b>	20	30%
2	<b>APPLICATION</b>	40	55%
3	<b>FORMULATE</b>	10	15%

**NOTE:** *Alternative questions to be given in Section –B Section-C & Section-E (One in each section)*