



DELHI PUBLIC SCHOOL, ROURKELA
BLUE PRINT HALF YEARLY EXAMINATION - CLASS VII



1. MATHEMATICS (Maximum Marks: 80)

Section-wise Question Distribution:

SECTION-A (MCQ)	1×20	20 MARKS
SECTION-B (VSA)	2×5	10 MARKS
SECTION-C (SA)	3×6	18 MARKS
SECTION-D (LA)	5×4	20 MARKS
SECTION-E (CASE-STUDY)	4×3	12 MARKS
TOTAL	38 Questions	80

Topic-wise Marks Distribution:

Topic	MCQ (1) Sec-A	VSA (2) Sec-B	SA (3) Sec-C	LA (5) Sec-D	Case Study (4) Sec-E	Total Marks
1. Large Numbers Around Us	3	2	-	-	4	9
2. Arithmetic Expressions	3	2	3	-	-	8
3. A Peek Beyond the Point	3	2	-	-	4	9
4. Expressions using Letter-Numbers	3	2	3	5	-	13
5. Parallel and Intersecting Lines	3	-	3	5	-	11
6. Number Play	1	2	3	-	4	10
7. A Tale of Three Intersecting Lines	1	-	3	5	-	9
8. Working with Fractions	3	-	3	5	-	11
Total Marks (Questions)	20 (20)	10 (5)	18 (6)	20 (4)	12 (3)	80 (38)

2. SCIENCE (Maximum Marks: 80)

Chapter Name	MCQ (1M)	VSA (2M)	SA (3M)	Case Based (4M)	LA (5M)	Total Marks
Ch 2: Exploring Substances: Acidic, Basic, and Neutral	5	1 (2M)	2 (6M)	1 (4M)	1 (5M)	22

Ch 9: Life Processes in Animals	5	2 (4M)	1 (3M)	1 (4M)	1 (5M)	21
Ch 10: Life Processes in Plants	3	1 (2M)	2 (6M)	-	-	11
Ch 3: Electricity: Circuits and their Components	4	1 (2M)	1 (3M)	1 (4M)	-	13
Ch 7: Heat Transfer in Nature	3	1 (2M)	1 (3M)	-	1 (5M)	13
Total Questions / Marks	20 (20M)	6 (12M)	7 (21M)	3 (12M)	3 (15M)	80

3. SOCIAL SCIENCE (Maximum Marks: 80 | History: 20, Geography: 20, Civics: 20, Economics: 20)

Section / Subject	MCQ (1M)	VSQ (2M)	SAQ / Map (3M)	CBQ (1M)	LAQ (5M)	Total Marks
Geography	4 (4M)	2 (4M)	3 (Map: 3M)	4 (4M)	1 (5M)	20
History	4 (4M)	2 (4M)	3 (Map: 3M)	4 (4M)	1 (5M)	20
Civics	4 (4M)	2 (4M)	1 (3M)	4 (4M)	1 (5M)	20
Economics	4 (4M)	2 (4M)	1 (3M)	4 (4M)	1 (5M)	20
Total	16 (16M)	8 (16M)	8 (12M)	16 (16M)	4 (20M)	80

Note: Geography and History include 3 marks each for map-based questions.

4. HINDI - 3RD LANGUAGE (Maximum Marks: 40)

Sections	Topics	Type of Questioning	No. of Questions	Total Marks
A: Unseen	Unseen Passage & Unseen Poem	MCQs (Short answer)	5 + 5 = 10	10
B: Grammar	विलोम, लिंग, वचन, पर्यायवाची, अनेकार्थी शब्द, अनेक शब्दों के लिए एक शब्द	Multiple choice question answers, Fill in the blanks etc.	12	12
C: Course Book	मिठास – 4	Short & long answer questions	1 × 4 = 4 2 × 3 = 6	10
D: Writing Skills	अनुच्छेद लेखन, पत्र लेखन, कहानी लेखन, चित्र वर्णन	Long answers	4 × 2 = 8	08
TOTAL				40

5. ODIA - 3RD LANGUAGE (Maximum Marks: 40)

Sl No.	Assessment / Topic	Question Type & Marks	Total Marks
1	ମୁକ୍ତାକ୍ଷର	Very Short Answer (0.5 × 6)	3
2	MCQ Picture	Short Answer (1 × 8)	8
3	Animals / Fruits / Numbers	Very Short Answer (0.5 × 18)	9
4	Vocabulary	Short Answer (1 × 20)	20
Total	VSA: 12 Marks SA: 28 Marks	-	40 Marks

6. ART (Maximum Marks: 50)

Q. No.	Topic / Particulars	Marks Allocated
Q.1	Draw and Colour a Landscape (Hill station with waterfall / Rainy Season / Cityscape)	25
Q.2	Draw and Shade a Still Life (Flower pot with Fruits / Utensils)	25

7. SANSKRIT (MAXIMUM MARKS:40)

SL No.	Question	Mark
1	अधः प्रदत्तानां प्रश्नानाम् एकपदेन पदद्वयेन वा उत्तरं लिखन्तु) -केवलं षड्प्रश्नाः(	(1×6=6)
2	अधः प्रदत्तानां प्रश्नानां पूर्णवाक्येन उत्तरं लिखन्तु) -केवलं प्रश्नत्रयम्(	(2×3=6)
3	रेखाङ्कितानि पदानि आश्रित्य उदाहरणानुसारं प्रश्ननिर्माणं कुर्वन्तु) -केवलं प्रश्नचतुष्टयम्(	(1×4=4)
4	अधोलिखितानां शब्दानाम् उदाहरणानुसारं पर्यायपदानि लिखन्तु) -केवलं प्रश्नत्रयम्(	(½×3=1½)
5	समुचितं मेलनं कुरुत।)केवलं पञ्चप्रश्नाः(	(½×5=2½)
6	मञ्जूषातः उचितं पदं चित्वा रिक्तस्थानानि पूरयत ।)केवलं प्रश्नत्रयम्(	(1×3=3)
7	अधोलिखितप्रश्नानाम् उत्तराणि अधोदत्तेषु वर्णेषु उचितं वर्णं चित्वा लिखत।)केवलं प्रश्नत्रयम्(	(1×3=3)
8	पर्याय पदानि लिखत) -केवलं पञ्चप्रश्नाः(	(1×5=5)
9	विपर्याय पदानि लिखत - (केवलं पञ्चप्रश्नाः(	(1×5=5)

10	संख्या शब्दैः लिखत) -केवलं प्रश्नचतुष्टयम्(	(1×4=4)
TOTAL		40

8.GENERAL KNOWLEDGE (MAXIMUM MARKS: 25)

Question pattern	No. of questions	Marks per question	Total marks
1. Choose the correct option	05	1	05
2. Name the following/answer in one word/picture based	15	1	15
3. Fill in the blanks	05	1	05
TOTAL			25

9. ARTIFICIAL INTELLIGENCE (MAXIMUM MARKS :50)

Sl. No.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS 1 MARK EACH	SHORT ANSWERS TYPE QUESTIONS 2 MARKS EACH	LONG ANSWERS TYPE QUESTIONS 4 MARKS EACH	TOTAL QUESTIONS
1	Number Systems	6	2	1	9
2	Charts in MS Excel	6	1		7
3	Lists and Tables in HTML5	6	2	1	9
4	Introduction to Python	6	2	1	9
TOTAL QUESTIONS		24	7	3	34
TOTAL MARKS		1 * 24 = 24	2 * 7 = 14	4 * 3 = 12	50

10. SUBJECT-HINDI 2ND LANGUAGE (MARKS-80)

खंड (Section)	विषयवस्तु (Topic)	प्रश्नों के प्रकार	प्रश्नों की संख्या	कुछ अंक
खंड 'क'(अपठित - बोध)	अपठित गद्यांश और अपठित पद्यांश	बहुविकल्पीय प्रश्न (MCQs)/लघु उत्तरीय(Short answers)	5+5=10	10
खंड 'ख' (व्याकरण)	वर्ण-विचार,शब्द-विचार,उपसर्ग,प्रत्यय, संधि, समास,विलोम पर्यायवाची, वाक्यांशों के लिए एक शब्द, श्रुतिसमभिन्नार्थक शब्द,अनेकार्थी शब्द।	बहुविकल्पीय प्रश्न, रिक्त स्थान/ अभ्यास-कार्य प्रश्न आदि।	20	20
खंड 'ग'(पठित बोध पाठ्यपुस्तक)	मल्हार-अभ्यास-पुस्तिका (प्रश्न-उत्तर,शब्दार्थ, पठित पद्यांश।	लघु और दीर्घ उत्तरीय प्रश्न /अति दीर्घ उत्तरीय प्रश्न	1×5=5 2×5=10 3×5=15 5×1=5	35
खंड 'घ'(लेखन-कौशल)	रचनात्मक-लेखन (अनुच्छेद लेखन, पत्र लेखन, संवाद लेखन।	दीर्घ उत्तरीय	5×3=15	15
कुल अंक	-	-	-	80

11. ODIA (2nd language) MAXIMUM MARKS:80

Sl. no	Section	Very short answer 1 mark	Short answer 2 marks	Long answer 5 marks	Long answer 6 marks	Total
1	A Reading		10 marks (2×5)			10
2	B Writing				12 (2×6)	12
3	C Grammar	6 marks (2×3)	4 marks (2×2)			10
4	D Literature	MCQ 20 Marks (1×20)	12 marks (2×6)	10marks (2×5)		42
	Story	6 marks (1×6)				6
	Total	32	26	10	12	80

12.ENGLISH (MAXIMUM MARKS:80)

Section	Area of Assessment	Marks	Question Types
A	Reading	20	Two unseen passage – 20 marks (2×10)
B	Writing	12	Choose any two out of three Questions (2×6) Letter Writing (Formal) Email Writing Notice Writing
C	Grammar	15	Fill in the blanks (1×4) Do as directed (1×6) MCQs (1×5)
D	Literature	33	Extract based questions – 5 marks (1×5) Short Questions – Choose 5 out of 6 questions- 10 marks (2×5) Long Questions- Choose 4 out of 6 questions -12 marks (3×4) Value based Questions-Choose 1 out of 2 questions -6 marks (1×6)
Total		80 Marks	
Section	Area of Assessment	Marks	Question Types
A	Reading	20	Two unseen passage – 20 marks (2×10)
B	Writing	12	Choose any two out of three Questions (2×6) Letter Writing (Formal) Email Writing Notice Writing

C	Grammar	15	Fill in the blanks (1×4) Do as directed (1×6) MCQs (1×5)
D	Literature	33	Extract based questions – 5 marks (1×5) Short Questions – Choose 5 out of 6 questions- 10 marks (2×5) Long Questions- Choose 4 out of 6 questions -12 marks (3×4) Value based Questions-Choose 1 out of 2 questions -6 marks (1×6)
Total		80 Marks	