

RIMC MODEL PAPER — ANSWER SHEET

The Volume Education Academy, Dehradun

Roll No: _____ | Name: _____ | Date: _____

Roll No:		Name:	
School:		Date:	
Centre:		Invigilator Sign:	

INSTRUCTIONS: Fill the circle of the correct option (A/B/C/D) using blue/black pen. Do NOT use pencil. Do NOT overwrite. Answer short-answer questions in the space provided.

PART A — OMR BUBBLES | SECTION 1 — MATHEMATICS (Q 1–20)

Q1 ☐ A ☐ B ☐ C ☐ D	Q2 ☐ A ☐ B ☐ C ☐ D	Q3 ☐ A ☐ B ☐ C ☐ D	Q4 ☐ A ☐ B ☐ C ☐ D	Q5 ☐ A ☐ B ☐ C ☐ D
Q6 ☐ A ☐ B ☐ C ☐ D	Q7 ☐ A ☐ B ☐ C ☐ D	Q8 ☐ A ☐ B ☐ C ☐ D	Q9 ☐ A ☐ B ☐ C ☐ D	Q10 ☐ A ☐ B ☐ C ☐ D
Q11 ☐ A ☐ B ☐ C ☐ D	Q12 ☐ A ☐ B ☐ C ☐ D	Q13 ☐ A ☐ B ☐ C ☐ D	Q14 ☐ A ☐ B ☐ C ☐ D	Q15 ☐ A ☐ B ☐ C ☐ D
Q16 ☐ A ☐ B ☐ C ☐ D	Q17 ☐ A ☐ B ☐ C ☐ D	Q18 ☐ A ☐ B ☐ C ☐ D	Q19 ☐ A ☐ B ☐ C ☐ D	Q20 ☐ A ☐ B ☐ C ☐ D

Part A Score: _____ / 40

PART A — OMR BUBBLES | SECTION 2 — ENGLISH (Q 21–40)

Q21 ☐ A ☐ B ☐ C ☐ D	Q22 ☐ A ☐ B ☐ C ☐ D	Q23 ☐ A ☐ B ☐ C ☐ D	Q24 ☐ A ☐ B ☐ C ☐ D	Q25 ☐ A ☐ B ☐ C ☐ D
Q26 ☐ A ☐ B ☐ C ☐ D	Q27 ☐ A ☐ B ☐ C ☐ D	Q28 ☐ A ☐ B ☐ C ☐ D	Q29 ☐ A ☐ B ☐ C ☐ D	Q30 ☐ A ☐ B ☐ C ☐ D
Q31 ☐ A ☐ B ☐ C ☐ D	Q32 ☐ A ☐ B ☐ C ☐ D	Q33 ☐ A ☐ B ☐ C ☐ D	Q34 ☐ A ☐ B ☐ C ☐ D	Q35 ☐ A ☐ B ☐ C ☐ D

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Q36 ☐ A ☐ B ☐ C ☐ D	Q37 ☐ A ☐ B ☐ C ☐ D	Q38 ☐ A ☐ B ☐ C ☐ D	Q39 ☐ A ☐ B ☐ C ☐ D	Q40 ☐ A ☐ B ☐ C ☐ D
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Part A Score: _____ / 40

PART A — OMR BUBBLES | SECTION 3 — GENERAL KNOWLEDGE (Q 41–55)

Q41 ☐ A ☐ B ☐ C ☐ D	Q42 ☐ A ☐ B ☐ C ☐ D	Q43 ☐ A ☐ B ☐ C ☐ D	Q44 ☐ A ☐ B ☐ C ☐ D	Q45 ☐ A ☐ B ☐ C ☐ D
Q46 ☐ A ☐ B ☐ C ☐ D	Q47 ☐ A ☐ B ☐ C ☐ D	Q48 ☐ A ☐ B ☐ C ☐ D	Q49 ☐ A ☐ B ☐ C ☐ D	Q50 ☐ A ☐ B ☐ C ☐ D
Q51 ☐ A ☐ B ☐ C ☐ D	Q52 ☐ A ☐ B ☐ C ☐ D	Q53 ☐ A ☐ B ☐ C ☐ D	Q54 ☐ A ☐ B ☐ C ☐ D	Q55 ☐ A ☐ B ☐ C ☐ D

Part A Score: _____ / 30

PART A — OMR BUBBLES | SECTION 4 — INTELLIGENCE TEST (Q 56–70)

Q56 ☐ A ☐ B ☐ C ☐ D	Q57 ☐ A ☐ B ☐ C ☐ D	Q58 ☐ A ☐ B ☐ C ☐ D	Q59 ☐ A ☐ B ☐ C ☐ D	Q60 ☐ A ☐ B ☐ C ☐ D
Q61 ☐ A ☐ B ☐ C ☐ D	Q62 ☐ A ☐ B ☐ C ☐ D	Q63 ☐ A ☐ B ☐ C ☐ D	Q64 ☐ A ☐ B ☐ C ☐ D	Q65 ☐ A ☐ B ☐ C ☐ D
Q66 ☐ A ☐ B ☐ C ☐ D	Q67 ☐ A ☐ B ☐ C ☐ D	Q68 ☐ A ☐ B ☐ C ☐ D	Q69 ☐ A ☐ B ☐ C ☐ D	Q70 ☐ A ☐ B ☐ C ☐ D

Part A Score: _____ / 30

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Roll No: _____ | Name: _____ | Date: _____

SHORT ANSWER — MATHEMATICS (Part B)

QM1. [4 Marks] Find the value of x : $2x + 5 = 3x - 7$

QM2. [4 Marks] A cylinder has radius 7 cm and height 10 cm. Find its volume. ($\pi = 22/7$)

QM3. [5 Marks] Find compound interest on Rs. 8000 at 10% p.a. for 2 years.

QM4. [4 Marks] Angles of a triangle are in ratio 2:3:4. Find each angle.

QM5. [5 Marks] A boat goes 15 km upstream in 3 hrs and 15 km downstream in 1.5 hrs. Find speed of boat in still water.

Part B Score: _____ / 22

SHORT ANSWER — ENGLISH (Part B)

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QE1. [8 Marks] Write a paragraph (5-6 sentences) on: MY IDEAL SOLDIER

QE2. [6 Marks] Make meaningful sentences using: (a) Courage (b) Discipline (c) Honour

QE3. [4 Marks] Rewrite in reported speech: Ram said, 'I am going to school.'

QE4. [2 Marks] Write degrees of comparison: BRAVE → Comparative → Superlative

QE5. [2 Marks] Correct the sentence: 'He have completed his homework yesterday.'

Part B Score: _____ / 22

SHORT ANSWER — GENERAL KNOWLEDGE (Part B)

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Roll No: _____ | Name: _____ | Date: _____

QG1. [6 Marks] Name any THREE recipients of the Param Vir Chakra.

QG2. [4 Marks] What does DRDO stand for? Name ONE product developed by DRDO.

QG3. [6 Marks] Name the three services of Indian Armed Forces and their chiefs' designations.

QG4. [4 Marks] Why is 16 December celebrated as Vijay Diwas?

QG5. [2 Marks] Name India's first indigenously built aircraft carrier.

Part B Score: _____ / 22

SHORT ANSWER — INTELLIGENCE TEST (Part B)

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Roll No: _____ | Name: _____ | Date: _____

Q11. [5 Marks] A tank is $\frac{1}{3}$ full. After adding 80 litres it becomes $\frac{3}{4}$ full. Find the total capacity of the tank.

Q12. [4 Marks] In a row of soldiers, Rajan is 15th from the left and 10th from the right. How many soldiers are there in the row?

Q13. [4 Marks] A watch gains 5 minutes every hour. If correctly set at 9 AM, what time will it show at 1 PM?

Q14. [4 Marks] Find the missing number: Row 1: 2 4 8 Row 2: 3 9 27 Row 3: 4 16 ____

Q15. [5 Marks] A man is facing North. He turns 90° clockwise, then 180° anticlockwise. Which direction is he now facing?

Part B Score: _____ / 22

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TOTAL SCORE SUMMARY

Section	Part A (MCQ)	Part B (S/A)	Total	Examiner Sign
Mathematics	/ 40	/ 22	/ 62	
English	/ 40	/ 22	/ 62	
General Knowledge	/ 30	/ 22	/ 52	
Intelligence Test	/ 30	/ 22	/ 52	
GRAND TOTAL			/ 228	

Signature of Student: _____ Signature of Teacher: _____