# RASHTRIYA MILITARY SCHOOL (RMS CET) CLASS IX — MODEL PAPER SET 039

TYBA COACHING CENTRE, AJMER • Director: Narayan Prajapati • Helpline: 6367029449 • Class 8 NCERT Pattern

**Max Marks: 200**
Time: 2 Hr 30 Min

**Candidate Name:** _____ **Roll No:** _____ **Paper 1 (100M) + Paper 2 (100M)** **No Negative Marking**

**Official RMS CET Class IX Regulations (rashtriyamilitaryschools.edu.in):** 200 MCQs (Paper 1: Eng 50, Hin 20, SST 30; Paper 2: Math 50, Sci 50). Minimum 50% qualifying; Interview: 50 Marks. Tie-break: Math → Science → English → SST → Hindi.

## PAPER 1 — PART I: ENGLISH (50 QUESTIONS, 50 MARKS) Q001 – Q050

**Q001. Identify the tense of: 'Rahul has read a map.'**
(A) Present Continuous Tense (B) Present Perfect Tense
(C) Simple Future Tense (D) Simple Past Tense

**Q002. Change into Passive Voice: 'Pallavi built the report.'**
(A) The report were built by Pallavi. (B) The report is built by Pallavi.
(C) The report had built by Pallavi. (D) The report was built by Pallavi.

**Q003. Convert into Simple Future Tense: 'Nikhil wrote a diagram.'**
(A) Nikhil writes a diagram. (B) Nikhil has written a diagram.
(C) Nikhil is writing a diagram. (D) Nikhil will write a diagram.

**Q004. Change into Indirect Speech: "Nikhil has completed the project," said Rohan.**
(A) Rohan said that Nikhil had completed the project. (B) Rohan said that Nikhil has completed the project.
(C) Rohan said that Nikhil completed the project. (D) Rohan told that Nikhil was completing the project.

**Q005. Convert into Simple Future Tense: 'Karan prepared a theorem.'**
(A) Karan prepares a theorem. (B) Karan will prepare a theorem.
(C) Karan has prepared a theorem. (D) Karan is preparing a theorem.

**Q006. Identify the tense of: 'Neha has completed a poem.'**
(A) Simple Past Tense (B) Simple Future Tense
(C) Present Perfect Tense (D) Present Continuous Tense

**Q007. Convert into Simple Future Tense: 'Meera read an article.'**
(A) Meera is reading an article. (B) Meera has read an article.
(C) Meera will read an article. (D) Meera reads an article.

**Q008. Change into Passive Voice: 'Harsh designed the report.'**
(A) The report were designed by Harsh. (B) The report has designed by Harsh.
(C) The report was designed by Harsh. (D) The report is designed by Harsh.

**Q009. Change into Passive Voice: 'Tarun solved the essay.'**
(A) The essay is solved by Tarun. (B) The essay was solved by Tarun.
(C) The essay had solved by Tarun. (D) The essay were solved by Tarun.

**Q010. Choose the grammatically correct option: Scarcely had Rajesh reached the station ___ the train left.**
(A) when (B) while
(C) than (D) then

**Q011. Change into Passive Voice: 'Gaurav wrote the equation.'**
(A) The equation were written by Gaurav. (B) The equation was written by Gaurav.
(C) The equation is written by Gaurav. (D) The equation has written by Gaurav.

**Q012. Convert into Simple Future Tense: 'Tanvi completed a speech.'**
(A) Tanvi completes a speech. (B) Tanvi has completed a speech.
(C) Tanvi will complete a speech. (D) Tanvi is completing a speech.

**Q013. Change into Passive Voice: 'Aarti designed the model.'**
(A) The model was designed by Aarti. (B) The model is designed by Aarti.
(C) The model were designed by Aarti. (D) The model has designed by Aarti.

**Q014. Convert into Simple Future Tense: 'Divya read a summary.'**
(A) Divya is reading a summary. (B) Divya has read a summary.
(C) Divya reads a summary. (D) Divya will read a summary.

**Q015. Convert into Simple Future Tense: 'Deepak prepared a speech.'**
(A) Deepak will prepare a speech. (B) Deepak prepares a speech.
(C) Deepak is preparing a speech. (D) Deepak has prepared a speech.

**Q016. Identify the tense of: 'Ananya has read a speech.'**
(A) Present Continuous Tense (B) Simple Past Tense
(C) Present Perfect Tense (D) Simple Future Tense

**Q017. Choose the grammatically correct option: Sneha prefers classical music ___ pop music.**
(A) over (B) to
(C) than (D) from

**Q018. Change into Passive Voice: 'Sonal solved the essay.'**
(A) The essay were solved by Sonal. (B) The essay had solved by Sonal.
(C) The essay was solved by Sonal. (D) The essay is solved by Sonal.

**Q019. Identify the tense of: 'Rahul has studied a speech.'**
(A) Present Continuous Tense (B) Simple Past Tense
(C) Present Perfect Tense (D) Simple Future Tense

**Q020. Identify the tense of: 'Rahul has written a poem.'**
(A) Present Continuous Tense (B) Simple Future Tense
(C) Present Perfect Tense (D) Simple Past Tense

**Q021. Change into Passive Voice: 'Nisha designed the portrait.'**
(A) The portrait was designed by Nisha. (B) The portrait were designed by Nisha.
(C) The portrait has designed by Nisha. (D) The portrait is designed by Nisha.

**Q022. Change into Passive Voice: 'Gaurav designed the plan.'**
(A) The plan is designed by Gaurav. (B) The plan was designed by Gaurav.
(C) The plan were designed by Gaurav. (D) The plan has designed by Gaurav.

**Q023. Choose the grammatically correct option: Scarcely had Rekha reached the station ___ the train left.**
(A) when (B) than
(C) while (D) then

**Q024. Convert into Simple Future Tense: 'Priya completed a map.'**
(A) Priya completes a map. (B) Priya will complete a map.
(C) Priya is completing a map. (D) Priya has completed a map.

**Q025. Identify the tense of: 'Arjun has studied an article.'**
(A) Simple Past Tense (B) Present Perfect Tense
(C) Present Continuous Tense (D) Simple Future Tense

**Q026. Identify the tense of: 'Tanvi has written an article.'**
(A) Present Perfect Tense (B) Simple Future Tense
(C) Simple Past Tense (D) Present Continuous Tense

**Q027. Change into Passive Voice: 'Ananya solved the equation.'**
(A) The equation were solved by Ananya. (B) The equation had solved by Ananya.
(C) The equation is solved by Ananya. (D) The equation was solved by Ananya.

**Q028. Change into Passive Voice: 'Sneha wrote the model.'**
(A) The model has written by Sneha. (B) The model were written by Sneha.
(C) The model was written by Sneha. (D) The model is written by Sneha.

**Q029. Change into Passive Voice: 'Suresh built the portrait.'**
(A) The portrait had built by Suresh. (B) The portrait is built by Suresh.
(C) The portrait was built by Suresh. (D) The portrait were built by Suresh.

**Q030. Identify the tense of: 'Kavya has prepared a chart.'**
(A) Present Continuous Tense (B) Present Perfect Tense
(C) Simple Future Tense (D) Simple Past Tense

**Q031. Identify the tense of: 'Deepak has read a novel.'**
(A) Present Perfect Tense (B) Simple Past Tense
(C) Simple Future Tense (D) Present Continuous Tense

**Q032. Choose the grammatically correct option: Isha prefers classical music ___ pop music.**
(A) to (B) than
(C) from (D) over

**Q033. Change into Passive Voice: 'Pankaj solved the equation.'**
(A) The equation was solved by Pankaj. (B) The equation had solved by Pankaj.
(C) The equation were solved by Pankaj. (D) The equation is solved by Pankaj.

**Q034. Convert into Simple Future Tense: 'Aarav studied a poem.'**
(A) Aarav studies a poem. (B) Aarav is studying a poem.
(C) Aarav has studied a poem. (D) Aarav will study a poem.

**Q035. Convert into Simple Future Tense: 'Tanvi wrote a summary.'**
(A) Tanvi will write a summary. (B) Tanvi writes a summary.
(C) Tanvi is writing a summary. (D) Tanvi has written a summary.

**Q036. Change into Indirect Speech: "Harsh has completed the project," said Rohan.**
(A) Rohan said that Harsh had completed the project. (B) Rohan said that Harsh has completed the project.
(C) Rohan said that Harsh completed the project. (D) Rohan told that Harsh was completing the project.

**Q037. Change into Passive Voice: 'Priya built the model.'**
(A) The model is built by Priya. (B) The model was built by Priya.
(C) The model had built by Priya. (D) The model were built by Priya.

**Q038. Change into Indirect Speech: "Harsh is studying hard," said the teacher.**
(A) The teacher said that Harsh had study hard. (B) The teacher said that Harsh is studying hard.
(C) The teacher asked if Harsh was studying hard. (D) The teacher said that Harsh was studying hard.

**Q039. Convert into Simple Future Tense: 'Nikhil wrote a theorem.'**
(A) Nikhil has written a theorem. (B) Nikhil will write a theorem.
(C) Nikhil writes a theorem. (D) Nikhil is writing a theorem.

**Q040. Choose the grammatically correct option: Pankaj is capable ___ solving complex algebra problems.**
(A) for (B) of
(C) with (D) to

**Q041. Identify the tense of: 'Karan has written an article.'**
(A) Simple Future Tense (B) Present Continuous Tense
(C) Present Perfect Tense (D) Simple Past Tense

**Q042. Change into Passive Voice: 'Divya wrote the essay.'**
(A) The essay has written by Divya. (B) The essay was written by Divya.
(C) The essay were written by Divya. (D) The essay is written by Divya.

**Q043. Change into Passive Voice: 'Aarav wrote the chart.'**
(A) The chart has written by Aarav. (B) The chart were written by Aarav.
(C) The chart was written by Aarav. (D) The chart is written by Aarav.

**Q044. Identify the tense of: 'Rohan has read a map.'**
(A) Simple Future Tense (B) Simple Past Tense
(C) Present Continuous Tense (D) Present Perfect Tense

**Q045. Change into Passive Voice: 'Kavya solved the bridge.'**
(A) The bridge was solved by Kavya. (B) The bridge is solved by Kavya.
(C) The bridge were solved by Kavya. (D) The bridge had solved by Kavya.

**Q046. Change into Passive Voice: 'Riya wrote the model.'**
(A) The model were written by Riya. (B) The model has written by Riya.
(C) The model is written by Riya. (D) The model was written by Riya.

**Q047. Change into Indirect Speech: "Alka will win the medal," said the Principal.**
(A) The Principal said that Alka would win the medal. (B) The Principal told that Alka can win the medal.
(C) The Principal said that Alka will win the medal. (D) The Principal asked if Alka would win the medal.

**Q048. Identify the tense of: 'Neha has read a poem.'**
(A) Simple Past Tense (B) Present Continuous Tense
(C) Simple Future Tense (D) Present Perfect Tense

**Q049. Change into Passive Voice: 'Priya built the essay.'**
(A) The essay is built by Priya. (B) The essay was built by Priya.
(C) The essay had built by Priya. (D) The essay were built by Priya.

**Q050. Identify the tense of: 'Kabir has read a chart.'**
(A) Simple Past Tense (B) Present Perfect Tense
(C) Simple Future Tense (D) Present Continuous Tense

## PAPER 1 — PART II: हिन्दी / HINDI (20 QUESTIONS, 20 MARKS) Q051 – Q070

**Q051. [पर्यायवाची] निम्नलिखित (फूल, राजा, सोना, बादल) में से कौन-सा युग्म सही सुमेलित है?**
(A) फूल — पुष्प (B) बादल — नृप
(C) सोना — मेघ (D) राजा — कंचन

**Q052. [संधि-विच्छेद] निम्नलिखित (परमेश्वर, सूर्योदय, विद्यालय, निराशा) में से कौन-सा युग्म सही सुमेलित है?**
(A) सूर्योदय — विद्या + आलय (B) परमेश्वर — परम + ईश्वर
(C) विद्यालय — निः + आशा (D) निराशा — सूर्य + उदय

**Q053. [संधि-विच्छेद] निम्नलिखित (जगदीश, पवन, महेश, विद्यालय) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) जगदीश — पो + अन (B) पवन — पो + अन
(C) विद्यालय — विद्या + आलय (D) महेश — महा + ईश

**Q054. [विलोम] निम्नलिखित (आशा, यश, वरदान, अनुकूल) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) यश — अपयश (B) आशा — अपयश
(C) वरदान — अभिशाप (D) अनुकूल — प्रतिकूल

**Q055. [समास] निम्नलिखित (यथाशक्ति, चौराहा, राजपुत्र, नीलकमल) में से कौन-सा युग्म सही सुमेलित है?**
(A) नीलकमल — द्विगु समास (B) चौराहा — तत्पुरुष समास
(C) यथाशक्ति — अव्ययीभाव समास (D) राजपुत्र — कर्मधारय समास

**Q056. [संधि-विच्छेद] निम्नलिखित (नमस्ते, पावक, पवन, प्रत्येक) में से कौन-सा युग्म सही सुमेलित है?**
(A) प्रत्येक — पौ + अक (B) पवन — प्रति + एक
(C) नमस्ते — नमः + ते (D) पावक — पो + अन

**Q057. [संधि-विच्छेद] निम्नलिखित (सूर्योदय, महेश, विद्यालय, जगदीश) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) महेश — महा + ईश (B) जगदीश — जगत् + ईश
(C) विद्यालय — विद्या + आलय (D) सूर्योदय — महा + ईश

**Q058. [विलोम] निम्नलिखित (कठोर, उत्थान, अनुकूल, आयात) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) आयात — निर्यात (B) कठोर — पतन
(C) अनुकूल — प्रतिकूल (D) उत्थान — पतन

**Q059. [पर्यायवाची] निम्नलिखित (आँख, घर, बादल, सूर्य) में से कौन-सा युग्म सही सुमेलित है?**
(A) सूर्य — गृह (B) आँख — नेत्र
(C) घर — मेघ (D) बादल — दिनकर

**Q060. [समास] निम्नलिखित (पीतांबर, प्रतिदिन, नीलकमल, गंगाजल) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) प्रतिदिन — अव्ययीभाव समास (B) गंगाजल — तत्पुरुष समास
(C) नीलकमल — कर्मधारय समास (D) पीतांबर — अव्ययीभाव समास

**Q061. [विलोम] निम्नलिखित (सगुण, वरदान, क्रय, यश) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) क्रय — विक्रय (B) यश — अपयश
(C) सगुण — अभिशाप (D) वरदान — अभिशाप

**Q062. [संधि-विच्छेद] निम्नलिखित (जगदीश, स्वागत, पवन, पावक) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) पवन — पो + अन (B) स्वागत — सु + आगत
(C) जगदीश — सु + आगत (D) पावक — पौ + अक

**Q063. [पर्यायवाची] निम्नलिखित (आँख, जल, चन्द्रमा, सूर्य) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) चन्द्रमा — शशि (B) जल — नीर
(C) आँख — नीर (D) सूर्य — दिनकर

**Q064. 'परमेश्वर' शब्द का सही संधि-विच्छेद चुनिए:**
(A) परम + इशवर (B) परमा + ईश्वर
(C) परमे + श्वर (D) परम + ईश्वर

**Q065. [पर्यायवाची] निम्नलिखित (आकाश, सोना, घर, मित्र) में से कौन-सा युग्म सही सुमेलित है?**
(A) सोना — गृह (B) घर — सखा
(C) आकाश — नभ (D) मित्र — कंचन

**Q066. [विलोम] निम्नलिखित (यश, उपकार, सगुण, स्वतंत्र) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) यश — अपकार (B) उपकार — अपकार
(C) स्वतंत्र — परतंत्र (D) सगुण — निर्गुण

**Q067. [पर्यायवाची] निम्नलिखित (घर, नदी, आकाश, वृक्ष) में से कौन-सा युग्म सही सुमेलित है?**
(A) वृक्ष — सरिता (B) नदी — नभ
(C) आकाश — तरु (D) घर — गृह

**Q068. [समास] निम्नलिखित (दशानन, त्रिफला, प्रतिदिन, माता-पिता) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) त्रिफला — द्विगु समास (B) दशानन — द्विगु समास
(C) माता-पिता — द्वंद्व समास (D) प्रतिदिन — अव्ययीभाव समास

**Q069. [संधि-विच्छेद] निम्नलिखित (निराशा, नमस्ते, सूर्योदय, हिमालय) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) नमस्ते — नमः + ते (B) निराशा — नमः + ते
(C) हिमालय — हिम + आलय (D) सूर्योदय — सूर्य + उदय

**Q070. [पर्यायवाची] निम्नलिखित (मित्र, सूर्य, घर, बादल) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) सूर्य — दिनकर (B) बादल — मेघ
(C) मित्र — दिनकर (D) घर — गृह

## PAPER 1 — PART III: SOCIAL SCIENCE (30 QUESTIONS, 30 MARKS) Q071 – Q100

**Q071. [Class 8 Geography — Resources & Crops] Which of the following pairs (Rabi Crop, Zaid Crop, Coal & Petroleum, Silicon Valley of India) is NOT correctly matched?**
(A) Silicon Valley of India — Bengaluru (B) Coal & Petroleum — Non-Renewable Fossil Fuels
(C) Zaid Crop — Watermelon & Cucumber (D) Rabi Crop — Watermelon & Cucumber

**Q072. [Class 8 History — Movements & Leaders] Which of the following pairs (Arya Samaj (1875), Satyashodhak Samaj (1873), Subsidiary Alliance System, Ryotwari System in South India) is NOT correctly matched?**
(A) Satyashodhak Samaj (1873) — Jyotirao Phule (B) Ryotwari System in South India — Thomas Munro
(C) Subsidiary Alliance System — Lord Wellesley (D) Arya Samaj (1875) — Jyotirao Phule

**Q073. [Class 8 Geography — Resources & Crops] Which of the following pairs (Coal & Petroleum, Silicon Valley of India, TISCO (1907) Steel Plant, Kharif Crop) is NOT correctly matched?**
(A) Kharif Crop — Paddy (Rice) & Maize (B) TISCO (1907) Steel Plant — Jamshedpur (Sakchi)
(C) Coal & Petroleum — Bengaluru (D) Silicon Valley of India — Bengaluru

**Q074. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Supreme Court of India Location, Article 21A of Indian Constitution, Maximum Strength of Lok Sabha (elected), Protection of Women from Domestic Violence Act) is NOT correctly matched?**
(A) Article 21A of Indian Constitution — Right to Free & Compulsory Education (6–14 yrs) (B) Protection of Women from Domestic Violence Act — 2005
(C) Maximum Strength of Lok Sabha (elected) — 543 members (D) Supreme Court of India Location — Right to Free & Compulsory Education (6–14 yrs)

**Q075. [Class 8 Geography — Resources & Crops] Which of the following pairs (Alluvial Soil, Shifting Cultivation in North-East India, TISCO (1907) Steel Plant, Black Soil (Regur Soil)) is NOT correctly matched?**
(A) Black Soil (Regur Soil) — Cotton cultivation (B) Alluvial Soil — Jhumming
(C) Shifting Cultivation in North-East India — Jhumming (D) TISCO (1907) Steel Plant — Jamshedpur (Sakchi)

**Q076. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Minimum Age for President of India, 73rd Constitutional Amendment, Guardian of the Indian Constitution, 74th Constitutional Amendment) is CORRECTLY matched?**
(A) Minimum Age for President of India — 35 years (B) 74th Constitutional Amendment — Panchayati Raj System
(C) 73rd Constitutional Amendment — Supreme Court (D) Guardian of the Indian Constitution — Municipalities (Urban Local Bodies)

**Q077. [Class 8 History — Events & Years] Which of the following pairs (Dandi March (Civil Disobedience Movement), Formation of Indian National Congress, Chauri Chaura Incident, Non-Cooperation Movement) is CORRECTLY matched?**

(A) Chauri Chaura Incident — 1920
(B) Dandi March (Civil Disobedience Movement) — 1930
(C) Non-Cooperation Movement — 1885
(D) Formation of Indian National Congress — 1922

**Q078. [Class 8 History — Movements & Leaders] Which of the following pairs (Azad Hind Fauj (INA), Ryotwari System in South India, Permanent Settlement (Zamindari System), Subsidiary Alliance System) is NOT correctly matched?**

(A) Azad Hind Fauj (INA) — Thomas Munro
(B) Subsidiary Alliance System — Lord Wellesley
(C) Permanent Settlement (Zamindari System) — Lord Cornwallis
(D) Ryotwari System in South India — Thomas Munro

**Q079. [Class 8 History — Events & Years] Which of the following pairs (Formation of Muslim League, Formation of Indian National Congress, Chauri Chaura Incident, Permanent Settlement in Bengal) is NOT correctly matched?**

(A) Formation of Muslim League — 1885
(B) Permanent Settlement in Bengal — 1793
(C) Formation of Indian National Congress — 1885
(D) Chauri Chaura Incident — 1922

**Q080. [Class 8 Geography — Resources & Crops] Which of the following pairs (Coal & Petroleum, Bauxite Ore, Manchester of India, Kharif Crop) is NOT correctly matched?**

(A) Kharif Crop — Paddy (Rice) & Maize
(B) Coal & Petroleum — Aluminium
(C) Bauxite Ore — Aluminium
(D) Manchester of India — Ahmedabad

**Q081. [Class 8 History — Movements & Leaders] Which of the following pairs (Subsidiary Alliance System, Khudai Khidmatgar Movement, Champaran Satyagraha (1917), Brahmo Samaj (1828)) is CORRECTLY matched?**

(A) Subsidiary Alliance System — Lord Wellesley
(B) Brahmo Samaj (1828) — Khan Abdul Ghaffar Khan
(C) Khudai Khidmatgar Movement — Mahatma Gandhi
(D) Champaran Satyagraha (1917) — Raja Ram Mohan Roy

**Q082. [Class 8 History — Events & Years] Which of the following pairs (Battle of Plassey, Abolition of Sati, Adoption of the Indian Constitution, Formation of Muslim League) is CORRECTLY matched?**

(A) Abolition of Sati — 1949
(B) Adoption of the Indian Constitution — 1906
(C) Formation of Muslim League — 1829
(D) Battle of Plassey — 1757

**Q083. [Class 8 History — Movements & Leaders] Which of the following pairs (Brahmo Samaj (1828), Permanent Settlement (Zamindari System), Doctrine of Lapse, Champaran Satyagraha (1917)) is CORRECTLY matched?**

(A) Permanent Settlement (Zamindari System) — Lord Dalhousie
(B) Doctrine of Lapse — Mahatma Gandhi
(C) Champaran Satyagraha (1917) — Lord Cornwallis
(D) Brahmo Samaj (1828) — Raja Ram Mohan Roy

**Q084. [Class 8 History — Events & Years] Which of the following pairs (Partition of Bengal, Enforcement of the Indian Constitution (Republic Day), Formation of Indian National Congress, Non-Cooperation Movement) is NOT correctly matched?**

(A) Enforcement of the Indian Constitution (Republic Day) — 1950
(B) Non-Cooperation Movement — 1920
(C) Formation of Indian National Congress — 1885
(D) Partition of Bengal — 1950

**Q085. [Class 8 Geography — Resources & Crops] Which of the following pairs (Rabi Crop, Coal & Petroleum, Black Soil (Regur Soil), Manchester of India) is CORRECTLY matched?**

(A) Rabi Crop — Wheat & Mustard
(B) Coal & Petroleum — Cotton cultivation
(C) Black Soil (Regur Soil) — Ahmedabad
(D) Manchester of India — Non-Renewable Fossil Fuels

**Q086. [Class 8 Geography — Resources & Crops] Which of the following pairs (Rabi Crop, Manchester of India, Zaid Crop, Bauxite Ore) is NOT correctly matched?**

(A) Zaid Crop — Watermelon & Cucumber
(B) Manchester of India — Ahmedabad
(C) Rabi Crop — Ahmedabad
(D) Bauxite Ore — Aluminium

**Q087. [Class 8 History — Movements & Leaders] Which of the following pairs (Bardoli Satyagraha (1928), Doctrine of Lapse, Arya Samaj (1875), Khudai Khidmatgar Movement) is CORRECTLY matched?**

(A) Doctrine of Lapse — Swami Dayananda Saraswati
(B) Arya Samaj (1875) — Khan Abdul Ghaffar Khan
(C) Bardoli Satyagraha (1928) — Sardar Vallabhbhai Patel
(D) Khudai Khidmatgar Movement — Lord Dalhousie

**Q088. [Class 8 Civics — Constitution & Polity] Which of the following pairs (73rd Constitutional Amendment, Article 17 of Indian Constitution, First President of Constituent Assembly, Protection of Women from Domestic Violence Act) is CORRECTLY matched?**

(A) Article 17 of Indian Constitution — Dr. Rajendra Prasad
(B) Protection of Women from Domestic Violence Act — Abolition of Untouchability
(C) 73rd Constitutional Amendment — Panchayati Raj System
(D) First President of Constituent Assembly — 2005

**Q089. [Class 8 History — Movements & Leaders] Which of the following pairs (Abolition of Sati (1829), Doctrine of Lapse, Subsidiary Alliance System, Satyashodhak Samaj (1873)) is NOT correctly matched?**

(A) Abolition of Sati (1829) — Lord Dalhousie
(B) Doctrine of Lapse — Lord Dalhousie
(C) Subsidiary Alliance System — Lord Wellesley
(D) Satyashodhak Samaj (1873) — Jyotirao Phule

**Q090. [Class 8 Geography — Resources & Crops] Which of the following pairs (Coal & Petroleum, Manchester of India, TISCO (1907) Steel Plant, Kharif Crop) is CORRECTLY matched?**

(A) Manchester of India — Jamshedpur (Sakchi)
(B) TISCO (1907) Steel Plant — Paddy (Rice) & Maize
(C) Coal & Petroleum — Non-Renewable Fossil Fuels
(D) Kharif Crop — Ahmedabad

**Q091. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Guardian of the Indian Constitution, Maximum Strength of Lok Sabha (elected), Supreme Court of India Location, Right to Information (RTI) Act) is NOT correctly matched?**

(A) Right to Information (RTI) Act — 2005
(B) Guardian of the Indian Constitution — 543 members
(C) Supreme Court of India Location — New Delhi
(D) Maximum Strength of Lok Sabha (elected) — 543 members

**Q092. [Class 8 Geography — Resources & Crops] Which of the following pairs (Black Soil (Regur Soil), Coal & Petroleum, Manchester of India, TISCO (1907) Steel Plant) is CORRECTLY matched?**

(A) Manchester of India — Jamshedpur (Sakchi)
(B) Coal & Petroleum — Ahmedabad
(C) TISCO (1907) Steel Plant — Non-Renewable Fossil Fuels
(D) Black Soil (Regur Soil) — Cotton cultivation

**Q093. [Class 8 Geography — Resources & Crops] Which of the following pairs (Hematite & Magnetite, Rabi Crop, Solar & Wind Energy, Bauxite Ore) is CORRECTLY matched?**

(A) Solar & Wind Energy — Aluminium
(B) Bauxite Ore — Wheat & Mustard
(C) Hematite & Magnetite — Iron Ore
(D) Rabi Crop — Renewable Resources

**Q094. [Class 8 History — Movements & Leaders] Which of the following pairs (Champaran Satyagraha (1917), Satyashodhak Samaj (1873), Subsidiary Alliance System, Doctrine of Lapse) is CORRECTLY matched?**

(A) Subsidiary Alliance System — Lord Dalhousie
(B) Doctrine of Lapse — Jyotirao Phule
(C) Champaran Satyagraha (1917) — Mahatma Gandhi
(D) Satyashodhak Samaj (1873) — Lord Wellesley

**Q095. [Class 8 Civics — Constitution & Polity] Which of the following pairs (73rd Constitutional Amendment, Right to Information (RTI) Act, First President of Constituent Assembly, Supreme Court of India Location) is NOT correctly matched?**

(A) 73rd Constitutional Amendment — 2005
(B) Supreme Court of India Location — New Delhi
(C) Right to Information (RTI) Act — 2005
(D) First President of Constituent Assembly — Dr. Rajendra Prasad

**Q096. [Class 8 Geography — Resources & Crops] Which of the following pairs (Solar & Wind Energy, Coal & Petroleum, Shifting Cultivation in North-East India, Kharif Crop) is CORRECTLY matched?**

(A) Solar & Wind Energy — Renewable Resources
(B) Shifting Cultivation in North-East India — Paddy (Rice) & Maize
(C) Coal & Petroleum — Jhumming
(D) Kharif Crop — Non-Renewable Fossil Fuels

**Q097. [Class 8 History — Movements & Leaders] Which of the following pairs (Permanent Settlement (Zamindari System), Brahmo Samaj (1828), Satyashodhak Samaj (1873), Abolition of Sati (1829)) is NOT correctly matched?**

(A) Brahmo Samaj (1828) — Raja Ram Mohan Roy
(B) Permanent Settlement (Zamindari System) — Raja Ram Mohan Roy
(C) Satyashodhak Samaj (1873) — Jyotirao Phule
(D) Abolition of Sati (1829) — Lord William Bentinck

**Q098. [Class 8 History — Events & Years] Which of the following pairs (Chauri Chaura Incident, Jallianwala Bagh Massacre, Abolition of Sati, Enforcement of the Indian Constitution (Republic Day)) is NOT correctly matched?**

(A) Chauri Chaura Incident — 1919
(B) Jallianwala Bagh Massacre — 1919
(C) Abolition of Sati — 1829
(D) Enforcement of the Indian Constitution (Republic Day) — 1950

**Q099. [Class 8 History — Movements & Leaders] Which of the following pairs (Arya Samaj (1875), Bardoli Satyagraha (1928), Ryotwari System in South India, Khudai Khidmatgar Movement) is NOT correctly matched?**

(A) Arya Samaj (1875) — Sardar Vallabhbhai Patel
(B) Khudai Khidmatgar Movement — Khan Abdul Ghaffar Khan
(C) Ryotwari System in South India — Thomas Munro
(D) Bardoli Satyagraha (1928) — Sardar Vallabhbhai Patel

**Q100. [Class 8 History — Events & Years] Which of the following pairs (Permanent Settlement in Bengal, Battle of Plassey, Battle of Buxar, Formation of Muslim League) is NOT correctly matched?**

(A) Battle of Plassey — 1757
(B) Formation of Muslim League — 1906
(C) Battle of Buxar — 1764
(D) Permanent Settlement in Bengal — 1757

**Q101. If 20 notebooks cost ₹90, how much will 100 notebooks cost?**
(A) ₹500 (B) ₹450
(C) ₹140 (D) ₹410

**Q102. Find the square root of 71,289.**
(A) 269 (B) 267
(C) 268 (D) 266

**Q103. Simplify in exponential form: (5^6 × 5^5) ÷ 5^9**
(A) 5^4 (B) 5^1
(C) 5^2 (D) 5^20

**Q104. Using algebraic identity ($a^2 - b^2$), evaluate: $73^2 - 42^2$**
(A) 3,555 (B) 3,585
(C) 3,565 (D) 961

**Q105. Find the area of a trapezium whose parallel sides are 23 cm and 40 cm and height is 8 cm.**
(A) 252 sq.cm (B) 504 sq.cm
(C) 240 sq.cm (D) 267 sq.cm

**Q106. Simplify in exponential form: (3^6 × 3^6) ÷ 3^8**
(A) 3^6 (B) 3^20
(C) 3^3 (D) 3^4

**Q107. Solve the linear equation for x: 14x + 17 = 101**
(A) x = 10 (B) x = 5
(C) x = 6 (D) x = 8

**Q108. Using algebraic identity ($a^2 - b^2$), evaluate: $66^2 - 58^2$**
(A) 982 (B) 992
(C) 1,012 (D) 64

**Q109. Using algebraic identity ($a^2 - b^2$), evaluate: $113^2 - 43^2$**
(A) 10,940 (B) 10,910
(C) 10,920 (D) 4,900

**Q110. Solve the linear equation for x: 9x + 14 = 140**
(A) x = 13 (B) x = 14
(C) x = 16 (D) x = 18

**Q111. Simplify in exponential form: (8^9 × 8^7) ÷ 8^3**
(A) 8^13 (B) 8^15
(C) 8^12 (D) 8^19

**Q112. Solve the linear equation for x: 4x + 25 = 113**
(A) x = 26 (B) x = 24
(C) x = 22 (D) x = 21

**Q113. If 6 notebooks cost ₹180, how much will 54 notebooks cost?**
(A) ₹1,580 (B) ₹270
(C) ₹1,620 (D) ₹1,670

**Q114. A bag contains 12 red, 11 blue, and 11 green balls. Find the probability of drawing a red ball.**
(A) 6/17* (B) 6/17
(C) 11/34 (D) 13/35

**Q115. Using algebraic identity ($a^2 - b^2$), evaluate: $97^2 - 38^2$**
(A) 7,985 (B) 7,955
(C) 3,481 (D) 7,965

**Q116. If 20 notebooks cost ₹270, how much will 40 notebooks cost?**
(A) ₹500 (B) ₹540
(C) ₹290 (D) ₹590

**Q117. If 13 notebooks cost ₹250, how much will 130 notebooks cost?**
(A) ₹2,550 (B) ₹2,500
(C) ₹350 (D) ₹2,460

**Q118. Using algebraic identity ($a^2 - b^2$), evaluate: $100^2 - 41^2$**
(A) 8,339 (B) 8,309
(C) 8,319 (D) 3,481

**Q119. Find the area of a trapezium whose parallel sides are 22 cm and 23 cm and height is 10 cm.**
(A) 213 sq.cm (B) 225 sq.cm
(C) 240 sq.cm (D) 450 sq.cm

**Q120. Find the square root of 122,500.**
(A) 352 (B) 350
(C) 349 (D) 351

**Q121. If 18 notebooks cost ₹200, how much will 144 notebooks cost?**
(A) ₹1,650 (B) ₹1,560
(C) ₹1,600 (D) ₹280

**Q122. Find the square root of 42,849.**
(A) 207 (B) 206
(C) 209 (D) 208

**Q123. Find the area of a trapezium whose parallel sides are 22 cm and 38 cm and height is 10 cm.**
(A) 315 sq.cm (B) 600 sq.cm
(C) 300 sq.cm (D) 288 sq.cm

**Q124. A bag contains 7 red, 11 blue, and 6 green balls. Find the probability of drawing a red ball.**
(A) 11/24 (B) 7/24
(C) 6/24 (D) 8/25

**Q125. Solve the linear equation for x: 2x + 20 = 48**
(A) x = 13 (B) x = 18
(C) x = 14 (D) x = 16

**Q126. Using algebraic identity ($a^2 - b^2$), evaluate: $90^2 - 77^2$**
(A) 2,161 (B) 2,191
(C) 2,171 (D) 169

**Q127. If 19 notebooks cost ₹180, how much will 114 notebooks cost?**
(A) ₹1,080 (B) ₹240
(C) ₹1,130 (D) ₹1,040

**Q128. A bag contains 5 red, 10 blue, and 11 green balls. Find the probability of drawing a red ball.**
(A) 10/26 (B) 11/26
(C) 6/27 (D) 5/26

**Q129. If $y + 1/y = 9$, find the value of $y^2 + 1/y^2$.**
(A) 79 (B) 75
(C) 83 (D) 81

**Q130. Solve the linear equation for x: 4x + 14 = 110**
(A) x = 26 (B) x = 28
(C) x = 23 (D) x = 24

**Q131. Simplify in exponential form: (5^5 × 5^8) ÷ 5^8**
(A) 5^5 (B) 5^4
(C) 5^21 (D) 5^7

**Q132. Find the area of a trapezium whose parallel sides are 17 cm and 27 cm and height is 28 cm.**
(A) 631 sq.cm (B) 1232 sq.cm
(C) 616 sq.cm (D) 604 sq.cm

**Q133. Solve the linear equation for x: 14x + 29 = 379**
(A) x = 25 (B) x = 24
(C) x = 27 (D) x = 29

**Q134. Find the area of a trapezium whose parallel sides are 22 cm and 37 cm and height is 10 cm.**
(A) 590 sq.cm (B) 310 sq.cm
(C) 295 sq.cm (D) 283 sq.cm

**Q135. Using algebraic identity ($a^2 - b^2$), evaluate: $48^2 - 24^2$**
(A) 1,748 (B) 576
(C) 1,718 (D) 1,728

**Q136. Find the square root of 24,336.**
(A) 156 (B) 157
(C) 155 (D) 158

**Q137. Find the area of a trapezium whose parallel sides are 28 cm and 38 cm and height is 38 cm.**
(A) 2508 sq.cm (B) 1269 sq.cm
(C) 1242 sq.cm (D) 1254 sq.cm

**Q138. Solve the linear equation for x: 9x + 18 = 207**
(A) x = 25 (B) x = 20
(C) x = 23 (D) x = 21

**Q139. Simplify in exponential form: (2^3 × 2^6) ÷ 2^2**
(A) 2^7 (B) 2^6
(C) 2^11 (D) 2^9

**Q140. If 16 notebooks cost ₹180, how much will 32 notebooks cost?**
(A) ₹320 (B) ₹360
(C) ₹410 (D) ₹200

**Q141. A bag contains 7 red, 10 blue, and 2 green balls. Find the probability of drawing a red ball.**
(A) 10/19 (B) 2/19
(C) 8/20 (D) 7/19

**Q142. Find the area of a trapezium whose parallel sides are 29 cm and 15 cm and height is 20 cm.**
(A) 440 sq.cm (B) 880 sq.cm
(C) 455 sq.cm (D) 428 sq.cm

**Q143. Solve the linear equation for x: 4x + 39 = 47**
(A) x = 1 (B) x = 6
(C) x = 2 (D) x = 4

**Q144. If 17 notebooks cost ₹90, how much will 170 notebooks cost?**
(A) ₹900 (B) ₹190
(C) ₹860 (D) ₹950

**Q145. If 8 notebooks cost ₹220, how much will 56 notebooks cost?**
(A) ₹1,590 (B) ₹1,500
(C) ₹290 (D) ₹1,540

**Q146. Find the Compound Interest on ₹18,000 at 20% per annum for 2 years compounded annually.**
(A) ₹25,920 (B) ₹7,200
(C) ₹8,020 (D) ₹7,920

**Q147. Solve the linear equation for x: 10x + 14 = 264**
(A) x = 27 (B) x = 24
(C) x = 25 (D) x = 29

**Q148. Find the square root of 60,516.**
(A) 248 (B) 245
(C) 246 (D) 247

**Q149. Solve the linear equation for x: 6x + 36 = 132**
(A) x = 18 (B) x = 15
(C) x = 16 (D) x = 20

**Q150. Using algebraic identity ($a^2 - b^2$), evaluate: $117^2 - 46^2$**
(A) 11,563 (B) 5,041
(C) 11,593 (D) 11,573

## PAPER 2 — PART II: SCIENCE (50 QUESTIONS, 50 MARKS) Q151 – Q200

**Q151. [Class 8 Biology] Which of the following pairs (Mitochondria, Rhizobium bacteria, Penicillin (1928), Thyroxine) is NOT correctly matched?**
(A) Penicillin (1928) — First antibiotic discovered by Alexander Fleming (B) Rhizobium bacteria — Nitrogen fixation in leguminous plant roots
(C) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine) (D) Mitochondria — Nitrogen fixation in leguminous plant roots

**Q152. [Class 8 Physics] Which of the following pairs (90° Angle between two plane mirrors, Retina, Decibel (dB), Lightning Conductor) is NOT correctly matched?**
(A) Decibel (dB) — Unit used to measure loudness of sound (B) Lightning Conductor — Copper rod protecting tall buildings from lightning
(C) 90° Angle between two plane mirrors — Light-sensitive screen at the back of the human eye (D) Retina — Light-sensitive screen at the back of the human eye

**Q153. [Class 8 Chemistry] Which of the following pairs (Electroplating, Carbon Dioxide ($CO_2$), Acid Rain, CNG (Compressed Natural Gas)) is NOT correctly matched?**
(A) Acid Rain — Caused by oxides of Sulphur and Nitrogen (B) Carbon Dioxide ($CO_2$) — Gas used in fire extinguishers for electrical fires
(C) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane) (D) Electroplating — Gas used in fire extinguishers for electrical fires

**Q154. [Class 8 Physics] Which of the following pairs (Newton (N), Static Friction, Frequency of Vibration, Ball Bearings) is NOT correctly matched?**
(A) Frequency of Vibration — Determines the pitch (shrillness) of sound (B) Static Friction — Greater than sliding and rolling friction
(C) Newton (N) — Greater than sliding and rolling friction (D) Ball Bearings — Used to convert sliding friction into rolling friction

**Q155. [Class 8 Biology] Which of the following pairs (Adrenaline, Amoeba, Lactobacillus, Cell Wall) is NOT correctly matched?**
(A) Amoeba — Reproduces asexually by Binary Fission (B) Adrenaline — Reproduces asexually by Binary Fission
(C) Lactobacillus — Conversion of milk into curd (D) Cell Wall — Rigid outer covering present only in plant cells

**Q156. [Class 8 Biology] Which of the following pairs (Cell Wall, Thyroxine, Adrenaline, Hydra & Yeast) is CORRECTLY matched?**
(A) Thyroxine — Emergency hormone secreted by Adrenal glands (B) Adrenaline — Reproduce asexually by Budding
(C) Cell Wall — Rigid outer covering present only in plant cells (D) Hydra & Yeast — Hormone secreted by Thyroid gland (requires Iodine)

**Q157. [Class 8 Chemistry] Which of the following pairs (Coal Tar, Graphite, Bromine, Diamond) is CORRECTLY matched?**
(A) Bromine — Hardest natural allotrope of Carbon (B) Diamond — Non-metal that conducts electricity
(C) Graphite — Only non-metal that is liquid at room temperature (D) Coal Tar — Thick black liquid used to make naphthalene balls

**Q158. [Class 8 Physics] Which of the following pairs (Braille System, 20 Hz to 20,000 Hz, Static Friction, 90° Angle between two plane mirrors) is CORRECTLY matched?**
(A) 90° Angle between two plane mirrors — Audible frequency range for human ear (B) 20 Hz to 20,000 Hz — Greater than sliding and rolling friction
(C) Braille System — Tactile reading system for visually impaired persons (D) Static Friction — Forms 3 images (360/90 – 1)

**Q159. [Class 8 Chemistry] Which of the following pairs (Electroplating, Mercury, Coal Tar, Carbon Dioxide ($CO_2$)) is NOT correctly matched?**
(A) Carbon Dioxide ($CO_2$) — Gas used in fire extinguishers for electrical fires (B) Coal Tar — Thick black liquid used to make naphthalene balls
(C) Electroplating — Only metal that is liquid at room temperature (D) Mercury — Only metal that is liquid at room temperature

**Q160. [Physics Numerical] A force of 390 N acts on an area of 2 $m^2$. Calculate the pressure exerted.**
(A) 195 Pa (B) 780 Pa
(C) 200 Pa (D) 192 Pa

**Q161. [Class 8 Biology] Which of the following pairs (Amoeba, Lactobacillus, Rhizobium bacteria, Hydra & Yeast) is CORRECTLY matched?**
(A) Lactobacillus — Nitrogen fixation in leguminous plant roots (B) Rhizobium bacteria — Reproduce asexually by Budding
(C) Amoeba — Reproduces asexually by Binary Fission (D) Hydra & Yeast — Conversion of milk into curd

**Q162. [Class 8 Biology] Which of the following pairs (Nucleus, Plasmodium (Malaria), Amoeba, Edward Jenner) is NOT correctly matched?**
(A) Amoeba — Reproduces asexually by Binary Fission (B) Nucleus — Transmitted by female Anopheles mosquito
(C) Plasmodium (Malaria) — Transmitted by female Anopheles mosquito (D) Edward Jenner — Discovery of Smallpox Vaccine

**Q163. [Class 8 Chemistry] Which of the following pairs (Copper Sulphate + Zinc, Diamond, Gold & Platinum, Acid Rain) is CORRECTLY matched?**
(A) Gold & Platinum — Caused by oxides of Sulphur and Nitrogen (B) Acid Rain — Hardest natural allotrope of Carbon
(C) Copper Sulphate + Zinc — Zinc displaces Copper (Displacement Reaction) (D) Diamond — Least reactive noble metals used in jewellery

**Q164. [Class 8 Biology] Which of the following pairs (Mitochondria, Cell Wall, Lactobacillus, Amoeba) is CORRECTLY matched?**
(A) Lactobacillus — Reproduces asexually by Binary Fission (B) Amoeba — Rigid outer covering present only in plant cells
(C) Mitochondria — Powerhouse of the Cell (ATP synthesis) (D) Cell Wall — Conversion of milk into curd

**Q165. [Class 8 Physics] Which of the following pairs (20 Hz to 20,000 Hz, Decibel (dB), Hertz (Hz), Pascal (Pa)) is NOT correctly matched?**
(A) Pascal (Pa) — SI unit of Pressure (Force / Area) (B) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)
(C) 20 Hz to 20,000 Hz — Unit used to measure loudness of sound (D) Decibel (dB) — Unit used to measure loudness of sound

**Q166. [Class 8 Biology] Which of the following pairs (Louis Pasteur, Hydra & Yeast, Edward Jenner, Insulin) is CORRECTLY matched?**
(A) Insulin — Reproduce asexually by Budding (B) Louis Pasteur — Discovery of Fermentation & Pasteurization
(C) Hydra & Yeast — Discovery of Smallpox Vaccine (D) Edward Jenner — Hormone secreted by Pancreas to control blood sugar

**Q167. [Class 8 Physics] Which of the following pairs (Frequency of Vibration, Newton (N), Hertz (Hz), Decibel (dB)) is NOT correctly matched?**
(A) Decibel (dB) — Unit used to measure loudness of sound (B) Frequency of Vibration — SI unit of Force
(C) Newton (N) — SI unit of Force (D) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)

**Q168. [Class 8 Biology] Which of the following pairs (Cell Wall, Mitochondria, Thyroxine, Penicillin (1928)) is NOT correctly matched?**
(A) Mitochondria — Powerhouse of the Cell (ATP synthesis) (B) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)
(C) Penicillin (1928) — First antibiotic discovered by Alexander Fleming (D) Cell Wall — Powerhouse of the Cell (ATP synthesis)

**Q169. [Class 8 Chemistry] Which of the following pairs (Acid Rain, Coal Tar, Diamond, Gold & Platinum) is CORRECTLY matched?**
(A) Gold & Platinum — Thick black liquid used to make naphthalene balls (B) Coal Tar — Hardest natural allotrope of Carbon
(C) Acid Rain — Caused by oxides of Sulphur and Nitrogen (D) Diamond — Least reactive noble metals used in jewellery

**Q170. [Class 8 Chemistry] Which of the following pairs (Acid Rain, Sodium & Potassium, Mercury, Carbon Dioxide ($CO_2$)) is CORRECTLY matched?**
(A) Acid Rain — Caused by oxides of Sulphur and Nitrogen (B) Carbon Dioxide ($CO_2$) — Highly reactive metals stored in kerosene
(C) Sodium & Potassium — Only metal that is liquid at room temperature (D) Mercury — Gas used in fire extinguishers for electrical fires

**Q171. [Class 8 Chemistry] Which of the following pairs (Acid Rain, Electroplating, Bromine, Gold & Platinum) is NOT correctly matched?**
(A) Gold & Platinum — Least reactive noble metals used in jewellery (B) Electroplating — Coating Chromium on iron to prevent rusting
(C) Bromine — Only non-metal that is liquid at room temperature (D) Acid Rain — Coating Chromium on iron to prevent rusting

**Q172. [Class 8 Chemistry] Which of the following pairs (Mercury, Carbon Dioxide ($CO_2$), Gold & Platinum, Acid Rain) is NOT correctly matched?**
(A) Mercury — Gas used in fire extinguishers for electrical fires (B) Gold & Platinum — Least reactive noble metals used in jewellery
(C) Carbon Dioxide ($CO_2$) — Gas used in fire extinguishers for electrical fires (D) Acid Rain — Caused by oxides of Sulphur and Nitrogen

**Q173. [Class 8 Physics] Which of the following pairs (Pascal (Pa), Angle of Incidence = Angle of Reflection, Ball Bearings, Lightning Conductor) is NOT correctly matched?**
(A) Angle of Incidence = Angle of Reflection — First Law of Reflection of Light (B) Pascal (Pa) — First Law of Reflection of Light
(C) Lightning Conductor — Copper rod protecting tall buildings from lightning (D) Ball Bearings — Used to convert sliding friction into rolling friction

**Q174. [Class 8 Biology] Which of the following pairs (Insulin, Mitochondria, Amoeba, Edward Jenner) is CORRECTLY matched?**
(A) Mitochondria — Reproduces asexually by Binary Fission (B) Amoeba — Discovery of Smallpox Vaccine
(C) Insulin — Hormone secreted by Pancreas to control blood sugar (D) Edward Jenner — Powerhouse of the Cell (ATP synthesis)

**Q175. [Class 8 Physics] Which of the following pairs (Decibel (dB), Ball Bearings, Static Friction, Retina) is CORRECTLY matched?**
(A) Retina — Used to convert sliding friction into rolling friction (B) Ball Bearings — Greater than sliding and rolling friction
(C) Decibel (dB) — Unit used to measure loudness of sound (D) Static Friction — Light-sensitive screen at the back of the human eye

**Q176. [Class 8 Biology] Which of the following pairs (Rhizobium bacteria, Thyroxine, Edward Jenner, Hydra & Yeast) is NOT correctly matched?**

(A) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)
(B) Rhizobium bacteria — Hormone secreted by Thyroid gland (requires Iodine)
(C) Edward Jenner — Discovery of Smallpox Vaccine
(D) Hydra & Yeast — Reproduce asexually by Budding

**Q177. [Class 8 Biology] Which of the following pairs (Chloroplast, Nucleus, Adrenaline, Plasmodium (Malaria)) is CORRECTLY matched?**

(A) Nucleus — Emergency hormone secreted by Adrenal glands
(B) Plasmodium (Malaria) — Control centre of the cell containing chromosomes
(C) Chloroplast — Photosynthesis in green plant cells
(D) Adrenaline — Transmitted by female Anopheles mosquito

**Q178. [Class 8 Biology] Which of the following pairs (Hydra & Yeast, Mitochondria, Chloroplast, Plasmodium (Malaria)) is NOT correctly matched?**

(A) Plasmodium (Malaria) — Transmitted by female Anopheles mosquito
(B) Hydra & Yeast — Powerhouse of the Cell (ATP synthesis)
(C) Chloroplast — Photosynthesis in green plant cells
(D) Mitochondria — Powerhouse of the Cell (ATP synthesis)

**Q179. [Class 8 Chemistry] Which of the following pairs (Blue Zone (Outer Zone), Diamond, Mercury, CNG (Compressed Natural Gas)) is CORRECTLY matched?**

(A) CNG (Compressed Natural Gas) — Hardest natural allotrope of Carbon
(B) Blue Zone (Outer Zone) — Hottest part of a candle flame (complete combustion)
(C) Diamond — Only metal that is liquid at room temperature
(D) Mercury — Cleanest gaseous fossil fuel (mainly Methane)

**Q180. [Physics Numerical] A force of 160 N acts on an area of 5 m². Calculate the pressure exerted.**

(A) 37 Pa
(B) 29 Pa
(C) 800 Pa
(D) 32 Pa

**Q181. [Class 8 Physics] Which of the following pairs (Angle of Incidence = Angle of Reflection, 60° Angle between two plane mirrors, Newton (N), Decibel (dB)) is NOT correctly matched?**

(A) Decibel (dB) — Unit used to measure loudness of sound
(B) Angle of Incidence = Angle of Reflection — Forms 5 images (360/60 – 1)
(C) Newton (N) — SI unit of Force
(D) 60° Angle between two plane mirrors — Forms 5 images (360/60 – 1)

**Q182. [Class 8 Physics] Which of the following pairs (Hertz (Hz), Frequency of Vibration, Static Friction, Angle of Incidence = Angle of Reflection) is CORRECTLY matched?**

(A) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)
(B) Angle of Incidence = Angle of Reflection — Determines the pitch (shrillness) of sound
(C) Static Friction — First Law of Reflection of Light
(D) Frequency of Vibration — Greater than sliding and rolling friction

**Q183. [Class 8 Chemistry] Which of the following pairs (Sulfurous Acid ($H_2SO_3$), Mercury, Acid Rain, Electroplating) is NOT correctly matched?**

(A) Mercury — Only metal that is liquid at room temperature
(B) Acid Rain — Caused by oxides of Sulphur and Nitrogen
(C) Sulfurous Acid ($H_2SO_3$) — Only metal that is liquid at room temperature
(D) Electroplating — Coating Chromium on iron to prevent rusting

**Q184. [Class 8 Chemistry] Which of the following pairs (Phosphorus, CNG (Compressed Natural Gas), Carbon Dioxide ($CO_2$), Coal Tar) is NOT correctly matched?**

(A) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(B) Carbon Dioxide ($CO_2$) — Gas used in fire extinguishers for electrical fires
(C) Phosphorus — Cleanest gaseous fossil fuel (mainly Methane)
(D) Coal Tar — Thick black liquid used to make naphthalene balls

**Q185. [Class 8 Physics] Which of the following pairs (Frequency of Vibration, 90° Angle between two plane mirrors, Retina, 20 Hz to 20,000 Hz) is CORRECTLY matched?**

(A) 90° Angle between two plane mirrors — Light-sensitive screen at the back of the human eye
(B) 20 Hz to 20,000 Hz — Forms 3 images (360/90 – 1)
(C) Retina — Audible frequency range for human ear
(D) Frequency of Vibration — Determines the pitch (shrillness) of sound

**Q186. [Physics Numerical] A force of 270 N acts on an area of 5 m². Calculate the pressure exerted.**

(A) 51 Pa
(B) 59 Pa
(C) 1350 Pa
(D) 54 Pa

**Q187. [Class 8 Biology] Which of the following pairs (Chloroplast, Lactobacillus, Insulin, Penicillin (1928)) is NOT correctly matched?**

(A) Insulin — Hormone secreted by Pancreas to control blood sugar
(B) Penicillin (1928) — First antibiotic discovered by Alexander Fleming
(C) Chloroplast — Conversion of milk into curd
(D) Lactobacillus — Conversion of milk into curd

**Q188. [Class 8 Chemistry] Which of the following pairs (Bromine, CNG (Compressed Natural Gas), Graphite, Sodium & Potassium) is NOT correctly matched?**

(A) Graphite — Non-metal that conducts electricity
(B) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(C) Sodium & Potassium — Highly reactive metals stored in kerosene
(D) Bromine — Cleanest gaseous fossil fuel (mainly Methane)

**Q189. [Class 8 Chemistry] Which of the following pairs (Phosphorus, Diamond, Sulfurous Acid ($H_2SO_3$), Carbon Dioxide ($CO_2$)) is CORRECTLY matched?**

(A) Phosphorus — Non-metal stored in water to prevent ignition in air
(B) Sulfurous Acid ($H_2SO_3$) — Gas used in fire extinguishers for electrical fires
(C) Diamond — Formed when non-metal oxide $SO_2$ dissolves in water
(D) Carbon Dioxide ($CO_2$) — Hardest natural allotrope of Carbon

**Q190. [Class 8 Biology] Which of the following pairs (Thyroxine, Cell Wall, Hydra & Yeast, Chloroplast) is CORRECTLY matched?**

(A) Hydra & Yeast — Photosynthesis in green plant cells
(B) Chloroplast — Rigid outer covering present only in plant cells
(C) Cell Wall — Reproduce asexually by Budding
(D) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)

**Q191. [Class 8 Chemistry] Which of the following pairs (Blue Zone (Outer Zone), Carbon Dioxide ($CO_2$), Sulfurous Acid ($H_2SO_3$), Electroplating) is CORRECTLY matched?**

(A) Carbon Dioxide ($CO_2$) — Formed when non-metal oxide $SO_2$ dissolves in water
(B) Blue Zone (Outer Zone) — Hottest part of a candle flame (complete combustion)
(C) Sulfurous Acid ($H_2SO_3$) — Coating Chromium on iron to prevent rusting
(D) Electroplating — Gas used in fire extinguishers for electrical fires

**Q192. [Class 8 Chemistry] Which of the following pairs (Graphite, Coal Tar, Mercury, Blue Zone (Outer Zone)) is NOT correctly matched?**

(A) Graphite — Thick black liquid used to make naphthalene balls
(B) Coal Tar — Thick black liquid used to make naphthalene balls
(C) Blue Zone (Outer Zone) — Hottest part of a candle flame (complete combustion)
(D) Mercury — Only metal that is liquid at room temperature

**Q193. [Class 8 Chemistry] Which of the following pairs (Phosphorus, Diamond, Blue Zone (Outer Zone), Carbon Dioxide ($CO_2$)) is NOT correctly matched?**

(A) Blue Zone (Outer Zone) — Hottest part of a candle flame (complete combustion)
(B) Diamond — Hardest natural allotrope of Carbon
(C) Carbon Dioxide ($CO_2$) — Gas used in fire extinguishers for electrical fires
(D) Phosphorus — Hardest natural allotrope of Carbon

**Q194. [Class 8 Chemistry] Which of the following pairs (Graphite, CNG (Compressed Natural Gas), Copper Sulphate + Zinc, Mercury) is CORRECTLY matched?**

(A) Copper Sulphate + Zinc — Only metal that is liquid at room temperature
(B) Mercury — Cleanest gaseous fossil fuel (mainly Methane)
(C) Graphite — Non-metal that conducts electricity
(D) CNG (Compressed Natural Gas) — Zinc displaces Copper (Displacement Reaction)

**Q195. [Class 8 Chemistry] Which of the following pairs (Gold & Platinum, Sulfurous Acid ($H_2SO_3$), Sodium & Potassium, Electroplating) is NOT correctly matched?**

(A) Gold & Platinum — Formed when non-metal oxide $SO_2$ dissolves in water
(B) Sulfurous Acid ($H_2SO_3$) — Formed when non-metal oxide $SO_2$ dissolves in water
(C) Electroplating — Coating Chromium on iron to prevent rusting
(D) Sodium & Potassium — Highly reactive metals stored in kerosene

**Q196. [Class 8 Biology] Which of the following pairs (Mitochondria, Louis Pasteur, Hydra & Yeast, Amoeba) is CORRECTLY matched?**

(A) Louis Pasteur — Reproduce asexually by Budding
(B) Amoeba — Discovery of Fermentation & Pasteurization
(C) Mitochondria — Powerhouse of the Cell (ATP synthesis)
(D) Hydra & Yeast — Reproduces asexually by Binary Fission

**Q197. [Class 8 Biology] Which of the following pairs (Adrenaline, Penicillin (1928), Plasmodium (Malaria), Hydra & Yeast) is NOT correctly matched?**

(A) Penicillin (1928) — First antibiotic discovered by Alexander Fleming
(B) Hydra & Yeast — Reproduce asexually by Budding
(C) Plasmodium (Malaria) — Transmitted by female Anopheles mosquito
(D) Adrenaline — First antibiotic discovered by Alexander Fleming

**Q198. [Class 8 Chemistry] Which of the following pairs (Coal Tar, Sodium & Potassium, Graphite, Copper Sulphate + Zinc) is CORRECTLY matched?**

(A) Sodium & Potassium — Non-metal that conducts electricity
(B) Copper Sulphate + Zinc — Highly reactive metals stored in kerosene
(C) Graphite — Zinc displaces Copper (Displacement Reaction)
(D) Coal Tar — Thick black liquid used to make naphthalene balls

**Q199. [Class 8 Biology] Which of the following pairs (Insulin, Mitochondria, Rhizobium bacteria, Edward Jenner) is NOT correctly matched?**

(A) Insulin — Powerhouse of the Cell (ATP synthesis)
(B) Rhizobium bacteria — Nitrogen fixation in leguminous plant roots
(C) Edward Jenner — Discovery of Smallpox Vaccine
(D) Mitochondria — Powerhouse of the Cell (ATP synthesis)

**Q200. [Class 8 Physics] Which of the following pairs (Pascal (Pa), 90° Angle between two plane mirrors, Newton (N), Hertz (Hz)) is CORRECTLY matched?**

(A) Pascal (Pa) — SI unit of Pressure (Force / Area)
(B) Hertz (Hz) — Forms 3 images (360/90 – 1)
(C) 90° Angle between two plane mirrors — SI unit of Force
(D) Newton (N) — SI unit of Frequency (1 oscillation per second)

## OMR ANSWER SHEET — 200 QUESTIONS (CLASS IX SET 039) • Darken One Circle Only

**Name:** _____ **Roll No:** _____ **Signature:** _____ **Score:** ____ / 200

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|---|---|---|---|---|---|---|---|---|---|
| 001 | Ⓐ Ⓑ Ⓒ Ⓓ | 041 | Ⓐ Ⓑ Ⓒ Ⓓ | 081 | Ⓐ Ⓑ Ⓒ Ⓓ | 121 | Ⓐ Ⓑ Ⓒ Ⓓ | 161 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 002 | Ⓐ Ⓑ Ⓒ Ⓓ | 042 | Ⓐ Ⓑ Ⓒ Ⓓ | 082 | Ⓐ Ⓑ Ⓒ Ⓓ | 122 | Ⓐ Ⓑ Ⓒ Ⓓ | 162 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 003 | Ⓐ Ⓑ Ⓒ Ⓓ | 043 | Ⓐ Ⓑ Ⓒ Ⓓ | 083 | Ⓐ Ⓑ Ⓒ Ⓓ | 123 | Ⓐ Ⓑ Ⓒ Ⓓ | 163 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 004 | Ⓐ Ⓑ Ⓒ Ⓓ | 044 | Ⓐ Ⓑ Ⓒ Ⓓ | 084 | Ⓐ Ⓑ Ⓒ Ⓓ | 124 | Ⓐ Ⓑ Ⓒ Ⓓ | 164 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 005 | Ⓐ Ⓑ Ⓒ Ⓓ | 045 | Ⓐ Ⓑ Ⓒ Ⓓ | 085 | Ⓐ Ⓑ Ⓒ Ⓓ | 125 | Ⓐ Ⓑ Ⓒ Ⓓ | 165 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 006 | Ⓐ Ⓑ Ⓒ Ⓓ | 046 | Ⓐ Ⓑ Ⓒ Ⓓ | 086 | Ⓐ Ⓑ Ⓒ Ⓓ | 126 | Ⓐ Ⓑ Ⓒ Ⓓ | 166 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 007 | Ⓐ Ⓑ Ⓒ Ⓓ | 047 | Ⓐ Ⓑ Ⓒ Ⓓ | 087 | Ⓐ Ⓑ Ⓒ Ⓓ | 127 | Ⓐ Ⓑ Ⓒ Ⓓ | 167 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 008 | Ⓐ Ⓑ Ⓒ Ⓓ | 048 | Ⓐ Ⓑ Ⓒ Ⓓ | 088 | Ⓐ Ⓑ Ⓒ Ⓓ | 128 | Ⓐ Ⓑ Ⓒ Ⓓ | 168 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 009 | Ⓐ Ⓑ Ⓒ Ⓓ | 049 | Ⓐ Ⓑ Ⓒ Ⓓ | 089 | Ⓐ Ⓑ Ⓒ Ⓓ | 129 | Ⓐ Ⓑ Ⓒ Ⓓ | 169 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 010 | Ⓐ Ⓑ Ⓒ Ⓓ | 050 | Ⓐ Ⓑ Ⓒ Ⓓ | 090 | Ⓐ Ⓑ Ⓒ Ⓓ | 130 | Ⓐ Ⓑ Ⓒ Ⓓ | 170 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 011 | Ⓐ Ⓑ Ⓒ Ⓓ | 051 | Ⓐ Ⓑ Ⓒ Ⓓ | 091 | Ⓐ Ⓑ Ⓒ Ⓓ | 131 | Ⓐ Ⓑ Ⓒ Ⓓ | 171 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 012 | Ⓐ Ⓑ Ⓒ Ⓓ | 052 | Ⓐ Ⓑ Ⓒ Ⓓ | 092 | Ⓐ Ⓑ Ⓒ Ⓓ | 132 | Ⓐ Ⓑ Ⓒ Ⓓ | 172 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 013 | Ⓐ Ⓑ Ⓒ Ⓓ | 053 | Ⓐ Ⓑ Ⓒ Ⓓ | 093 | Ⓐ Ⓑ Ⓒ Ⓓ | 133 | Ⓐ Ⓑ Ⓒ Ⓓ | 173 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 014 | Ⓐ Ⓑ Ⓒ Ⓓ | 054 | Ⓐ Ⓑ Ⓒ Ⓓ | 094 | Ⓐ Ⓑ Ⓒ Ⓓ | 134 | Ⓐ Ⓑ Ⓒ Ⓓ | 174 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 015 | Ⓐ Ⓑ Ⓒ Ⓓ | 055 | Ⓐ Ⓑ Ⓒ Ⓓ | 095 | Ⓐ Ⓑ Ⓒ Ⓓ | 135 | Ⓐ Ⓑ Ⓒ Ⓓ | 175 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 016 | Ⓐ Ⓑ Ⓒ Ⓓ | 056 | Ⓐ Ⓑ Ⓒ Ⓓ | 096 | Ⓐ Ⓑ Ⓒ Ⓓ | 136 | Ⓐ Ⓑ Ⓒ Ⓓ | 176 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 017 | Ⓐ Ⓑ Ⓒ Ⓓ | 057 | Ⓐ Ⓑ Ⓒ Ⓓ | 097 | Ⓐ Ⓑ Ⓒ Ⓓ | 137 | Ⓐ Ⓑ Ⓒ Ⓓ | 177 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 018 | Ⓐ Ⓑ Ⓒ Ⓓ | 058 | Ⓐ Ⓑ Ⓒ Ⓓ | 098 | Ⓐ Ⓑ Ⓒ Ⓓ | 138 | Ⓐ Ⓑ Ⓒ Ⓓ | 178 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 019 | Ⓐ Ⓑ Ⓒ Ⓓ | 059 | Ⓐ Ⓑ Ⓒ Ⓓ | 099 | Ⓐ Ⓑ Ⓒ Ⓓ | 139 | Ⓐ Ⓑ Ⓒ Ⓓ | 179 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 020 | Ⓐ Ⓑ Ⓒ Ⓓ | 060 | Ⓐ Ⓑ Ⓒ Ⓓ | 100 | Ⓐ Ⓑ Ⓒ Ⓓ | 140 | Ⓐ Ⓑ Ⓒ Ⓓ | 180 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 021 | Ⓐ Ⓑ Ⓒ Ⓓ | 061 | Ⓐ Ⓑ Ⓒ Ⓓ | 101 | Ⓐ Ⓑ Ⓒ Ⓓ | 141 | Ⓐ Ⓑ Ⓒ Ⓓ | 181 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 022 | Ⓐ Ⓑ Ⓒ Ⓓ | 062 | Ⓐ Ⓑ Ⓒ Ⓓ | 102 | Ⓐ Ⓑ Ⓒ Ⓓ | 142 | Ⓐ Ⓑ Ⓒ Ⓓ | 182 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 023 | Ⓐ Ⓑ Ⓒ Ⓓ | 063 | Ⓐ Ⓑ Ⓒ Ⓓ | 103 | Ⓐ Ⓑ Ⓒ Ⓓ | 143 | Ⓐ Ⓑ Ⓒ Ⓓ | 183 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 024 | Ⓐ Ⓑ Ⓒ Ⓓ | 064 | Ⓐ Ⓑ Ⓒ Ⓓ | 104 | Ⓐ Ⓑ Ⓒ Ⓓ | 144 | Ⓐ Ⓑ Ⓒ Ⓓ | 184 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 025 | Ⓐ Ⓑ Ⓒ Ⓓ | 065 | Ⓐ Ⓑ Ⓒ Ⓓ | 105 | Ⓐ Ⓑ Ⓒ Ⓓ | 145 | Ⓐ Ⓑ Ⓒ Ⓓ | 185 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 026 | Ⓐ Ⓑ Ⓒ Ⓓ | 066 | Ⓐ Ⓑ Ⓒ Ⓓ | 106 | Ⓐ Ⓑ Ⓒ Ⓓ | 146 | Ⓐ Ⓑ Ⓒ Ⓓ | 186 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 027 | Ⓐ Ⓑ Ⓒ Ⓓ | 067 | Ⓐ Ⓑ Ⓒ Ⓓ | 107 | Ⓐ Ⓑ Ⓒ Ⓓ | 147 | Ⓐ Ⓑ Ⓒ Ⓓ | 187 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 028 | Ⓐ Ⓑ Ⓒ Ⓓ | 068 | Ⓐ Ⓑ Ⓒ Ⓓ | 108 | Ⓐ Ⓑ Ⓒ Ⓓ | 148 | Ⓐ Ⓑ Ⓒ Ⓓ | 188 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 029 | Ⓐ Ⓑ Ⓒ Ⓓ | 069 | Ⓐ Ⓑ Ⓒ Ⓓ | 109 | Ⓐ Ⓑ Ⓒ Ⓓ | 149 | Ⓐ Ⓑ Ⓒ Ⓓ | 189 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 030 | Ⓐ Ⓑ Ⓒ Ⓓ | 070 | Ⓐ Ⓑ Ⓒ Ⓓ | 110 | Ⓐ Ⓑ Ⓒ Ⓓ | 150 | Ⓐ Ⓑ Ⓒ Ⓓ | 190 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 031 | Ⓐ Ⓑ Ⓒ Ⓓ | 071 | Ⓐ Ⓑ Ⓒ Ⓓ | 111 | Ⓐ Ⓑ Ⓒ Ⓓ | 151 | Ⓐ Ⓑ Ⓒ Ⓓ | 191 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 032 | Ⓐ Ⓑ Ⓒ Ⓓ | 072 | Ⓐ Ⓑ Ⓒ Ⓓ | 112 | Ⓐ Ⓑ Ⓒ Ⓓ | 152 | Ⓐ Ⓑ Ⓒ Ⓓ | 192 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 033 | Ⓐ Ⓑ Ⓒ Ⓓ | 073 | Ⓐ Ⓑ Ⓒ Ⓓ | 113 | Ⓐ Ⓑ Ⓒ Ⓓ | 153 | Ⓐ Ⓑ Ⓒ Ⓓ | 193 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 034 | Ⓐ Ⓑ Ⓒ Ⓓ | 074 | Ⓐ Ⓑ Ⓒ Ⓓ | 114 | Ⓐ Ⓑ Ⓒ Ⓓ | 154 | Ⓐ Ⓑ Ⓒ Ⓓ | 194 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 035 | Ⓐ Ⓑ Ⓒ Ⓓ | 075 | Ⓐ Ⓑ Ⓒ Ⓓ | 115 | Ⓐ Ⓑ Ⓒ Ⓓ | 155 | Ⓐ Ⓑ Ⓒ Ⓓ | 195 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 036 | Ⓐ Ⓑ Ⓒ Ⓓ | 076 | Ⓐ Ⓑ Ⓒ Ⓓ | 116 | Ⓐ Ⓑ Ⓒ Ⓓ | 156 | Ⓐ Ⓑ Ⓒ Ⓓ | 196 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 037 | Ⓐ Ⓑ Ⓒ Ⓓ | 077 | Ⓐ Ⓑ Ⓒ Ⓓ | 117 | Ⓐ Ⓑ Ⓒ Ⓓ | 157 | Ⓐ Ⓑ Ⓒ Ⓓ | 197 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 038 | Ⓐ Ⓑ Ⓒ Ⓓ | 078 | Ⓐ Ⓑ Ⓒ Ⓓ | 118 | Ⓐ Ⓑ Ⓒ Ⓓ | 158 | Ⓐ Ⓑ Ⓒ Ⓓ | 198 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 039 | Ⓐ Ⓑ Ⓒ Ⓓ | 079 | Ⓐ Ⓑ Ⓒ Ⓓ | 119 | Ⓐ Ⓑ Ⓒ Ⓓ | 159 | Ⓐ Ⓑ Ⓒ Ⓓ | 199 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 040 | Ⓐ Ⓑ Ⓒ Ⓓ | 080 | Ⓐ Ⓑ Ⓒ Ⓓ | 120 | Ⓐ Ⓑ Ⓒ Ⓓ | 160 | Ⓐ Ⓑ Ⓒ Ⓓ | 200 | Ⓐ Ⓑ Ⓒ Ⓓ |

# ANSWER KEY — RMS CET CLASS IX MODEL PAPER SET 039

TYBA COACHING CENTRE, AJMER • Layout: Paper-Wise 4-Block Key • Distribution: A: 47 | B: 47 | C: 61 | D: 45

Narayan Sir
6367029449

## PAPER 1: ENG (Q001–050)

| | |
|---|---|
| **001**: (B) | **026**: (A) |
| **002**: (D) | **027**: (D) |
| **003**: (D) | **028**: (C) |
| **004**: (A) | **029**: (C) |
| **005**: (B) | **030**: (B) |
| **006**: (C) | **031**: (A) |
| **007**: (C) | **032**: (A) |
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## PAPER 1: HIN + SST (Q051–100)

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| **051**: (A) | **076**: (A) |
| **052**: (B) | **077**: (B) |
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| **061**: (C) | **086**: (C) |
| **062**: (C) | **087**: (C) |
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| **064**: (D) | **089**: (A) |
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## PAPER 2: MATH (Q101–150)

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|---|---|
| **101**: (B) | **126**: (C) |
| **102**: (B) | **127**: (A) |
| **103**: (C) | **128**: (D) |
| **104**: (C) | **129**: (A) |
| **105**: (A) | **130**: (D) |
| **106**: (D) | **131**: (A) |
| **107**: (C) | **132**: (C) |
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| **109**: (C) | **134**: (C) |
| **110**: (B) | **135**: (D) |
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| **115**: (D) | **140**: (B) |
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| **120**: (B) | **145**: (D) |
| **121**: (C) | **146**: (D) |
| **122**: (A) | **147**: (C) |
| **123**: (C) | **148**: (C) |
| **124**: (B) | **149**: (C) |
| **125**: (C) | **150**: (D) |

## PAPER 2: SCIENCE (Q151–200)

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|---|---|
| **151**: (D) | **176**: (B) |
| **152**: (C) | **177**: (C) |
| **153**: (D) | **178**: (B) |
| **154**: (C) | **179**: (B) |
| **155**: (B) | **180**: (D) |
| **156**: (C) | **181**: (B) |
| **157**: (D) | **182**: (A) |
| **158**: (C) | **183**: (C) |
| **159**: (C) | **184**: (C) |
| **160**: (A) | **185**: (D) |
| **161**: (C) | **186**: (D) |
| **162**: (B) | **187**: (C) |
| **163**: (C) | **188**: (D) |
| **164**: (C) | **189**: (A) |
| **165**: (C) | **190**: (D) |
| **166**: (B) | **191**: (B) |
| **167**: (B) | **192**: (A) |
| **168**: (D) | **193**: (D) |
| **169**: (C) | **194**: (C) |
| **170**: (A) | **195**: (A) |
| **171**: (D) | **196**: (C) |
| **172**: (A) | **197**: (D) |
| **173**: (B) | **198**: (D) |
| **174**: (C) | **199**: (A) |
| **175**: (C) | **200**: (A) |