RASHTRIYA MILITARY SCHOOL (RMS CET) CLASS IX — MODEL PAPER SET 053

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

Q002. Convert into Simple Future Tense: 'Arjun read an article.'
(A) Arjun has read an article. (B) Arjun is reading an article.
(C) Arjun will read an article. (D) Arjun reads an article.

Q003. Choose the grammatically correct option: Bhavna prefers classical music __ pop music.
(A) over (B) to
(C) from (D) than

Q004. Identify the tense of: 'Divya has completed a map.'
(A) Present Continuous Tense (B) Simple Future Tense
(C) Present Perfect Tense (D) Simple Past Tense

Q005. Identify the tense of: 'Siddharth has written a letter.'
(A) Simple Past Tense (B) Present Perfect Tense
(C) Simple Future Tense (D) Present Continuous Tense

Q006. Change into Passive Voice: 'Vikram solved the model.'
(A) The model had solved by Vikram. (B) The model was solved by Vikram.
(C) The model is solved by Vikram. (D) The model were solved by Vikram.

Q007. Convert into Simple Future Tense: 'Divya studied an article.'
(A) Divya has studied an article. (B) Divya will study an article.
(C) Divya studies an article. (D) Divya is studying an article.

Q008. Change into Passive Voice: 'Amit solved the report.'
(A) The report was solved by Amit. (B) The report had solved by Amit.
(C) The report were solved by Amit. (D) The report is solved by Amit.

Q009. Convert into Simple Future Tense: 'Nikhil prepared a letter.'
(A) Nikhil will prepare a letter. (B) Nikhil has prepared a letter.
(C) Nikhil prepares a letter. (D) Nikhil is preparing a letter.

Q010. Convert into Simple Future Tense: 'Rohan wrote a speech.'
(A) Rohan is writing a speech. (B) Rohan has written a speech.
(C) Rohan writes a speech. (D) Rohan will write a speech.

Q011. Change into Passive Voice: 'Aditya built the equation.'
(A) The equation had built by Aditya. (B) The equation were built by Aditya.
(C) The equation is built by Aditya. (D) The equation was built by Aditya.

Q012. Choose the grammatically correct option: No sooner did Shreya enter the hall __ the bell rang.
(A) then (B) when
(C) than (D) that

Q013. Change into Passive Voice: 'Varun painted the bridge.'
(A) The bridge were painted by Varun. (B) The bridge had painted by Varun.
(C) The bridge is painted by Varun. (D) The bridge was painted by Varun.

Q014. Change into Passive Voice: 'Sumit wrote the report.'
(A) The report were written by Sumit. (B) The report has written by Sumit.
(C) The report was written by Sumit. (D) The report is written by Sumit.

Q015. Identify the tense of: 'Aarav has written a summary.'
(A) Present Perfect Tense (B) Simple Past Tense
(C) Present Continuous Tense (D) Simple Future Tense

Q016. Change into Passive Voice: 'Riya built the chart.'
(A) The chart had built by Riya. (B) The chart was built by Riya.
(C) The chart is built by Riya. (D) The chart were built by Riya.

Q017. Convert into Simple Future Tense: 'Siddharth studied a diagram.'
(A) Siddharth studies a diagram. (B) Siddharth will study a diagram.
(C) Siddharth has studied a diagram. (D) Siddharth is studying a diagram.

Q018. Convert into Simple Future Tense: 'Aditya studied a diagram.'
(A) Aditya is studying a diagram. (B) Aditya has studied a diagram.
(C) Aditya studies a diagram. (D) Aditya will study a diagram.

Q019. Choose the grammatically correct option: No sooner did Bhavna enter the hall __ the bell rang.
(A) than (B) then
(C) that (D) when

Q020. Choose the grammatically correct option: She prevented Varun __ entering the restricted zone.
(A) from (B) to
(C) against (D) of

Q021. Choose the grammatically correct option: She prevented Rohan __ entering the restricted zone.
(A) from (B) against
(C) of (D) to

Q022. Change into Passive Voice: 'Rohan wrote the model.'
(A) The model was written by Rohan. (B) The model has written by Rohan.
(C) The model is written by Rohan. (D) The model were written by Rohan.

Q023. Change into Passive Voice: 'Vikram painted the chart.'
(A) The chart were painted by Vikram. (B) The chart is painted by Vikram.
(C) The chart had painted by Vikram. (D) The chart was painted by Vikram.

Q024. Change into Passive Voice: 'Karan designed the report.'
(A) The report is designed by Karan. (B) The report were designed by Karan.
(C) The report has designed by Karan. (D) The report was designed by Karan.

Q025. Change into Passive Voice: 'Kabir designed the portrait.'
(A) The portrait has designed by Kabir. (B) The portrait was designed by Kabir.
(C) The portrait is designed by Kabir. (D) The portrait were designed by Kabir.

Q026. Convert into Simple Future Tense: 'Sneha read a map.'
(A) Sneha has read a map. (B) Sneha reads a map.
(C) Sneha is reading a map. (D) Sneha will read a map.

Q027. Change into Passive Voice: 'Kavya wrote the equation.'
(A) The equation was written by Kavya. (B) The equation has written by Kavya.
(C) The equation is written by Kavya. (D) The equation were written by Kavya.

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

Q029. Identify the tense of: 'Sneha has read a letter.'
(A) Simple Future Tense (B) Simple Past Tense
(C) Present Perfect Tense (D) Present Continuous Tense

Q030. Change into Passive Voice: 'Pallavi built the plan.'
(A) The plan was built by Pallavi. (B) The plan had built by Pallavi.
(C) The plan were built by Pallavi. (D) The plan is built by Pallavi.

Q031. Change into Passive Voice: 'Nitin painted the portrait.'
(A) The portrait was painted by Nitin. (B) The portrait is painted by Nitin.
(C) The portrait were painted by Nitin. (D) The portrait had painted by Nitin.

Q032. Change into Indirect Speech: "Open the window, Pallavi," said Mother.
(A) Mother asked Pallavi to open the window. (B) Mother ordered Pallavi opening the window.
(C) Mother asked Pallavi that open the window. (D) Mother said Pallavi open the window.

Q033. Convert into Simple Future Tense: 'Kavya read a theorem.'
(A) Kavya has read a theorem. (B) Kavya reads a theorem.
(C) Kavya is reading a theorem. (D) Kavya will read a theorem.

Q034. Identify the tense of: 'Riya has studied a poem.'
(A) Present Perfect Tense (B) Present Continuous Tense
(C) Simple Past Tense (D) Simple Future Tense

Q035. Change into Passive Voice: 'Nikhil designed the bridge.'
(A) The bridge is designed by Nikhil. (B) The bridge was designed by Nikhil.
(C) The bridge were designed by Nikhil. (D) The bridge has designed by Nikhil.

Q036. Change into Passive Voice: 'Pankaj wrote the chart.'
(A) The chart were written by Pankaj. (B) The chart has written by Pankaj.
(C) The chart was written by Pankaj. (D) The chart is written by Pankaj.

Q037. Identify the tense of: 'Pooja has read a map.'
(A) Present Continuous Tense (B) Present Perfect Tense
(C) Simple Future Tense (D) Simple Past Tense

Q038. Convert into Simple Future Tense: 'Priya studied a chart.'
(A) Priya has studied a chart. (B) Priya studies a chart.
(C) Priya is studying a chart. (D) Priya will study a chart.

Q039. Change into Passive Voice: 'Riya designed the plan.'
(A) The plan was designed by Riya. (B) The plan has designed by Riya.
(C) The plan were designed by Riya. (D) The plan is designed by Riya.

Q040. Convert into Simple Future Tense: 'Aarav wrote a theorem.'
(A) Aarav will write a theorem. (B) Aarav writes a theorem.
(C) Aarav has written a theorem. (D) Aarav is writing a theorem.

Q041. Convert into Simple Future Tense: 'Divya prepared a theorem.'
(A) Divya has prepared a theorem. (B) Divya will prepare a theorem.
(C) Divya prepares a theorem. (D) Divya is preparing a theorem.

Q042. Convert into Simple Future Tense: 'Meera read a letter.'
(A) Meera will read a letter. (B) Meera is reading a letter.
(C) Meera reads a letter. (D) Meera has read a letter.

Q043. Change into Indirect Speech: "Tanvi will win the medal," said the Principal.
(A) The Principal told that Tanvi can win the medal. (B) The Principal asked if Tanvi would win the medal.
(C) The Principal said that Tanvi will win the medal. (D) The Principal said that Tanvi would win the medal.

Q044. Change into Passive Voice: 'Aarav solved the model.'
(A) The model had solved by Aarav. (B) The model is solved by Aarav.
(C) The model was solved by Aarav. (D) The model were solved by Aarav.

Q045. Change into Passive Voice: 'Ananya built the portrait.'
(A) The portrait was built by Ananya. (B) The portrait is built by Ananya.
(C) The portrait had built by Ananya. (D) The portrait were built by Ananya.

Q046. Choose the grammatically correct option: Priya has ___ friends in this new city, so he feels lonely.
(A) little (B) a little
(C) a few (D) few

Q047. Convert into Simple Future Tense: 'Neha wrote a letter.'
(A) Neha will write a letter. (B) Neha writes a letter.
(C) Neha is writing a letter. (D) Neha has written a letter.

Q048. Change into Passive Voice: 'Aditya designed the essay.'
(A) The essay has designed by Aditya. (B) The essay was designed by Aditya.
(C) The essay is designed by Aditya. (D) The essay were designed by Aditya.

Q049. Change into Indirect Speech: "Do you play hockey, Suresh?" asked the coach.
(A) The coach asked Suresh that he played hockey. (B) The coach said to Suresh if he plays hockey.
(C) The coach asked Suresh whether he plays hockey. (D) The coach asked Suresh if he played hockey.

Q050. Convert into Simple Future Tense: 'Tanvi studied an article.'
(A) Tanvi will study an article. (B) Tanvi is studying an article.
(C) Tanvi has studied an article. (D) Tanvi studies an article.

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

Q051. [विलोम] निम्नलिखित (अमृत, उपकार, स्वतंत्र, साक्षर) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) स्वतंत्र — परतंत्र (B) अमृत — अपकार
(C) उपकार — अपकार (D) साक्षर — निरक्षर

Q052. [समास] निम्नलिखित (राजपुत्र, चौराहा, नीलकमल, यथाशक्ति) में से कौन-सा युग्म सही सुमेलित है?
(A) चौराहा — कर्मधारय समास (B) नीलकमल — अव्ययीभाव समास
(C) यथाशक्ति — द्विगु समास (D) राजपुत्र — तत्पुरुष समास

Q053. [मुहावरे] निम्नलिखित (लोहे के चने चबाना, ईद का चाँद होना, दाँत खट्टे करना, नौ दो ग्यारह होना) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) ईद का चाँद होना — बहुत दिनों बाद दिखाई देना (B) नौ दो ग्यारह होना — भाग जाना
(C) लोहे के चने चबाना — बहुत दिनों बाद दिखाई देना (D) दाँत खट्टे करना — बुरी तरह हराना

Q054. [विलोम] निम्नलिखित (सजीव, आशा, यश, अंधकार) में से कौन-सा युग्म सही सुमेलित है?
(A) आशा — अपयश (B) यश — प्रकाश
(C) सजीव — निर्जीव (D) अंधकार — निराशा

Q055. [पर्यायवाची] निम्नलिखित (अग्नि, बादल, वृक्ष, मित्र) में से कौन-सा युग्म सही सुमेलित है?
(A) अग्नि — पावक (B) बादल — तरु
(C) वृक्ष — सखा (D) मित्र — मेघ

Q056. [संधि-विच्छेद] निम्नलिखित (सज्जन, महेश, पावक, पवन) में से कौन-सा युग्म सही सुमेलित है?
(A) महेश — पौ + अक (B) सज्जन — सत् + जन
(C) पवन — महा + ईश (D) पावक — पो + अन

Q057. [मुहावरे] निम्नलिखित (ऊँट के मुँह में जीरा, आँखों का तारा होना, दाँत खट्टे करना, नौ दो ग्यारह होना) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) ऊँट के मुँह में जीरा — अत्यंत प्रिय होना (B) नौ दो ग्यारह होना — भाग जाना
(C) दाँत खट्टे करना — बुरी तरह हराना (D) आँखों का तारा होना — अत्यंत प्रिय होना

Q058. [मुहावरे] निम्नलिखित (नौ दो ग्यारह होना, ईद का चाँद होना, दाँत खट्टे करना, ऊँट के मुँह में जीरा) में से कौन-सा युग्म सही सुमेलित है?
(A) नौ दो ग्यारह होना — भाग जाना (B) ईद का चाँद होना — बुरी तरह हराना
(C) दाँत खट्टे करना — आवश्यकता से बहुत कम (D) ऊँट के मुँह में जीरा — बहुत दिनों बाद दिखाई देना

Q059. [विलोम] निम्नलिखित (आदि, स्वतंत्र, सार्थक, सगुण) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) सगुण — निर्गुण (B) सार्थक — निरर्थक
(C) आदि — परतंत्र (D) स्वतंत्र — परतंत्र

Q060. [संधि-विच्छेद] निम्नलिखित (परमेश्वर, जगदीश, निराशा, नमस्ते) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) जगदीश — जगत् + ईश (B) नमस्ते — नमः + ते
(C) निराशा — निः + आशा (D) परमेश्वर — जगत् + ईश

Q061. [समास] निम्नलिखित (दशानन, यथाशक्ति, माता-पिता, गंगाजल) में से कौन-सा युग्म सही सुमेलित है?
(A) माता-पिता — तत्पुरुष समास (B) यथाशक्ति — द्वंद्व समास
(C) गंगाजल — अव्ययीभाव समास (D) दशानन — बहुव्रीहि समास

Q062. [पर्यायवाची] निम्नलिखित (पहाड़, जल, घर, वृक्ष) में से कौन-सा युग्म सही सुमेलित है?
(A) वृक्ष — नीर (B) घर — तरु
(C) जल — गृह (D) पहाड़ — पर्वत

Q063. [संधि-विच्छेद] निम्नलिखित (सूर्योदय, विद्यालय, स्वागत, महेश) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) विद्यालय — विद्या + आलय (B) महेश — महा + ईश
(C) स्वागत — सु + आगत (D) सूर्योदय — विद्या + आलय

Q064. [विलोम] निम्नलिखित (आशा, उदार, आयात, कठोर) में से कौन-सा युग्म सही सुमेलित है?
(A) आशा — निराशा (B) उदार — निर्यात
(C) आयात — कोमल (D) कठोर — अनुदार

Q065. 'यथाशक्ति' शब्द में कौन-सा समास है?
(A) द्विगु समास (B) द्वंद्व समास
(C) तत्पुरुष समास (D) अव्ययीभाव समास

Q066. 'घोड़े बेचकर सोना' मुहावरे का सही अर्थ क्या है?
(A) परिश्रम करना (B) व्यापार करना
(C) तेज दौड़ना (D) निश्चिंत होकर सोना

Q067. [संधि-विच्छेद] निम्नलिखित (प्रत्येक, नमस्ते, परमेश्वर, सूर्योदय) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) नमस्ते — नमः + ते (B) परमेश्वर — परम + ईश्वर
(C) सूर्योदय — सूर्य + उदय (D) प्रत्येक — नमः + ते

Q068. 'अनुकूल' शब्द का सही विलोम (विपरीतार्थक) शब्द क्या होगा?
(A) समरूप (B) प्रतिकूल
(C) सुगम (D) समान

Q069. [समास] निम्नलिखित (यथाशक्ति, पीतांबर, माता-पिता, नीलकमल) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) यथाशक्ति — बहुव्रीहि समास (B) नीलकमल — कर्मधारय समास
(C) पीतांबर — बहुव्रीहि समास (D) माता-पिता — द्वंद्व समास

Q070. [संधि-विच्छेद] निम्नलिखित (पवन, महेश, जगदीश, नमस्ते) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) नमस्ते — नमः + ते (B) पवन — महा + ईश
(C) जगदीश — जगत् + ईश (D) महेश — महा + ईश

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

Q071. [Class 8 Geography — Resources & Crops] Which of the following pairs (Silicon Valley of India, TISCO (1907) Steel Plant, Laterite Soil, Coal & Petroleum) is CORRECTLY matched?
(A) Silicon Valley of India — Bengaluru (B) Laterite Soil — Non-Renewable Fossil Fuels
(C) TISCO (1907) Steel Plant — Cashew, Tea & Coffee in heavy rain areas (D) Coal & Petroleum — Jamshedpur (Sakchi)

Q072. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Article 32 of Indian Constitution, First President of Constituent Assembly, Supreme Court of India Location, Minimum Age for Rajya Sabha Member) is CORRECTLY matched?
(A) Supreme Court of India Location — 30 years (B) First President of Constituent Assembly — New Delhi
(C) Minimum Age for Rajya Sabha Member — Dr. Rajendra Prasad (D) Article 32 of Indian Constitution — Right to Constitutional Remedies

Q073. [Class 8 Geography — Resources & Crops] Which of the following pairs (Alluvial Soil, Silicon Valley of India, Kharif Crop, Rabi Crop) is CORRECTLY matched?
(A) Silicon Valley of India — Paddy (Rice) & Maize (B) Kharif Crop — Wheat & Mustard
(C) Rabi Crop — Bengaluru (D) Alluvial Soil — Northern Plains (Wheat & Rice)

Q074. [Class 8 History — Events & Years] Which of the following pairs (Battle of Plassey, Enforcement of the Indian Constitution (Republic Day), Chauri Chaura Incident, Adoption of the Indian Constitution) is CORRECTLY matched?
(A) Chauri Chaura Incident — 1949 (B) Battle of Plassey — 1757
(C) Enforcement of the Indian Constitution (Republic Day) — 1922 (D) Adoption of the Indian Constitution — 1950

Q075. [Class 8 History — Events & Years] Which of the following pairs (Partition of Bengal, First War of Indian Independence (Revolt of 1857), Formation of Muslim League, Chauri Chaura Incident) is NOT correctly matched?
(A) Partition of Bengal — 1857 (B) First War of Indian Independence (Revolt of 1857) — 1857
(C) Formation of Muslim League — 1906 (D) Chauri Chaura Incident — 1922

Q076. [Class 8 History — Movements & Leaders] Which of the following pairs (Arya Samaj (1875), Mahalwari System, Brahmo Samaj (1828), Abolition of Sati (1829)) is CORRECTLY matched?
(A) Brahmo Samaj (1828) — Lord William Bentinck (B) Abolition of Sati (1829) — Holt Mackenzie
(C) Arya Samaj (1875) — Swami Dayananda Saraswati (D) Mahalwari System — Raja Ram Mohan Roy

Q077. [Class 8 Geography — Resources & Crops] Which of the following pairs (Silicon Valley of India, Kharif Crop, Zaid Crop, TISCO (1907) Steel Plant) is CORRECTLY matched?
(A) Kharif Crop — Watermelon & Cucumber (B) Silicon Valley of India — Bengaluru
(C) Zaid Crop — Jamshedpur (Sakchi) (D) TISCO (1907) Steel Plant — Paddy (Rice) & Maize

Q078. [Class 8 History — Movements & Leaders] Which of the following pairs (Satyashodhak Samaj (1873), Mahalwari System, Ryotwari System in South India, Champaran Satyagraha (1917)) is NOT correctly matched?
(A) Satyashodhak Samaj (1873) — Holt Mackenzie (B) Mahalwari System — Holt Mackenzie
(C) Champaran Satyagraha (1917) — Mahatma Gandhi (D) Ryotwari System in South India — Thomas Munro

Q079. [Class 8 Geography — Resources & Crops] Which of the following pairs (Rabi Crop, Hematite & Magnetite, Shifting Cultivation in North-East India, Black Soil (Regur Soil)) is NOT correctly matched?
(A) Hematite & Magnetite — Iron Ore
(B) Black Soil (Regur Soil) — Cotton cultivation
(C) Rabi Crop — Iron Ore
(D) Shifting Cultivation in North-East India — Jhumming

Q080. [Class 8 History — Movements & Leaders] Which of the following pairs (Bardoli Satyagraha (1928), Abolition of Sati (1829), Mahalwari System, Ramakrishna Mission (1897)) is CORRECTLY matched?
(A) Abolition of Sati (1829) — Holt Mackenzie
(B) Bardoli Satyagraha (1928) — Sardar Vallabhbhai Patel
(C) Ramakrishna Mission (1897) — Lord William Bentinck
(D) Mahalwari System — Swami Vivekananda

Q081. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Maximum Strength of Lok Sabha (elected), 74th Constitutional Amendment, First President of Constituent Assembly, Article 32 of Indian Constitution) is NOT correctly matched?
(A) Maximum Strength of Lok Sabha (elected) — Municipalities (Urban Local Bodies)
(B) 74th Constitutional Amendment — Municipalities (Urban Local Bodies)
(C) Article 32 of Indian Constitution — Right to Constitutional Remedies
(D) First President of Constituent Assembly — Dr. Rajendra Prasad

Q082. [Class 8 Civics — Constitution & Polity] Which of the following pairs (74th Constitutional Amendment, Chairman of Drafting Committee, First President of Constituent Assembly, Guardian of the Indian Constitution) is NOT correctly matched?
(A) 74th Constitutional Amendment — Dr. B.R. Ambedkar
(B) First President of Constituent Assembly — Dr. Rajendra Prasad
(C) Guardian of the Indian Constitution — Supreme Court
(D) Chairman of Drafting Committee — Dr. B.R. Ambedkar

Q083. [Class 8 Civics — Constitution & Polity] Which of the following pairs (73rd Constitutional Amendment, 74th Constitutional Amendment, Minimum Age for President of India, Article 17 of Indian Constitution) is NOT correctly matched?
(A) Minimum Age for President of India — 35 years
(B) 74th Constitutional Amendment — Municipalities (Urban Local Bodies)
(C) 73rd Constitutional Amendment — Municipalities (Urban Local Bodies)
(D) Article 17 of Indian Constitution — Abolition of Untouchability

Q084. [Class 8 History — Events & Years] Which of the following pairs (Permanent Settlement in Bengal, Abolition of Sati, Non-Cooperation Movement, Partition of Bengal) is NOT correctly matched?
(A) Partition of Bengal — 1905
(B) Permanent Settlement in Bengal — 1829
(C) Non-Cooperation Movement — 1920
(D) Abolition of Sati — 1829

Q085. [Class 8 History — Movements & Leaders] Which of the following pairs (Mahalwari System, Ryotwari System in South India, Abolition of Sati (1829), Brahmo Samaj (1828)) is NOT correctly matched?
(A) Abolition of Sati (1829) — Lord William Bentinck
(B) Brahmo Samaj (1828) — Raja Ram Mohan Roy
(C) Ryotwari System in South India — Thomas Munro
(D) Mahalwari System — Thomas Munro

Q086. [Class 8 History — Events & Years] Which of the following pairs (Permanent Settlement in Bengal, Partition of Bengal, First War of Indian Independence (Revolt of 1857), Enforcement of the Indian Constitution (Republic Day)) is NOT correctly matched?
(A) Permanent Settlement in Bengal — 1905
(B) First War of Indian Independence (Revolt of 1857) — 1857
(C) Partition of Bengal — 1905
(D) Enforcement of the Indian Constitution (Republic Day) — 1950

Q087. [Class 8 History — Movements & Leaders] Which of the following pairs (Permanent Settlement (Zamindari System), Arya Samaj (1875), Khudai Khidmatgar Movement, Subsidiary Alliance System) is NOT correctly matched?
(A) Arya Samaj (1875) — Swami Dayananda Saraswati
(B) Khudai Khidmatgar Movement — Khan Abdul Ghaffar Khan
(C) Subsidiary Alliance System — Lord Wellesley
(D) Permanent Settlement (Zamindari System) — Swami Dayananda Saraswati

Q088. [Class 8 History — Events & Years] Which of the following pairs (Jallianwala Bagh Massacre, Formation of Muslim League, Battle of Buxar, Quit India Movement) is CORRECTLY matched?
(A) Formation of Muslim League — 1764
(B) Quit India Movement — 1906
(C) Jallianwala Bagh Massacre — 1919
(D) Battle of Buxar — 1942

Q089. [Class 8 History — Events & Years] Which of the following pairs (First War of Indian Independence (Revolt of 1857), Abolition of Sati, Quit India Movement, Battle of Buxar) is CORRECTLY matched?
(A) Quit India Movement — 1764
(B) Abolition of Sati — 1942
(C) Battle of Buxar — 1829
(D) First War of Indian Independence (Revolt of 1857) — 1857

Q090. [Class 8 History — Movements & Leaders] Which of the following pairs (Permanent Settlement (Zamindari System), Bardoli Satyagraha (1928), Azad Hind Fauj (INA), Satyashodhak Samaj (1873)) is CORRECTLY matched?
(A) Permanent Settlement (Zamindari System) — Lord Cornwallis
(B) Bardoli Satyagraha (1928) — Subhas Chandra Bose
(C) Satyashodhak Samaj (1873) — Sardar Vallabhbhai Patel
(D) Azad Hind Fauj (INA) — Jyotirao Phule

Q091. [Class 8 Geography — Resources & Crops] Which of the following pairs (Kharif Crop, Silicon Valley of India, Coal & Petroleum, Rabi Crop) is CORRECTLY matched?
(A) Kharif Crop — Paddy (Rice) & Maize
(B) Rabi Crop — Bengaluru
(C) Silicon Valley of India — Non-Renewable Fossil Fuels
(D) Coal & Petroleum — Wheat & Mustard

Q092. [Class 8 History — Events & Years] Which of the following pairs (Battle of Buxar, Battle of Plassey, Permanent Settlement in Bengal, Formation of Muslim League) is CORRECTLY matched?
(A) Battle of Plassey — 1793
(B) Formation of Muslim League — 1757
(C) Permanent Settlement in Bengal — 1906
(D) Battle of Buxar — 1764

Q093. [Class 8 History — Events & Years] Which of the following pairs (Chauri Chaura Incident, Adoption of the Indian Constitution, Enforcement of the Indian Constitution (Republic Day), Partition of Bengal) is CORRECTLY matched?
(A) Chauri Chaura Incident — 1922
(B) Enforcement of the Indian Constitution (Republic Day) — 1905
(C) Adoption of the Indian Constitution — 1950
(D) Partition of Bengal — 1949

Q094. [Class 8 History — Events & Years] Which of the following pairs (Non-Cooperation Movement, Adoption of the Indian Constitution, Formation of Indian National Congress, Enforcement of the Indian Constitution (Republic Day)) is NOT correctly matched?
(A) Enforcement of the Indian Constitution (Republic Day) — 1950
(B) Non-Cooperation Movement — 1949
(C) Formation of Indian National Congress — 1885
(D) Adoption of the Indian Constitution — 1949

Q095. [Class 8 Geography — Resources & Crops] Which of the following pairs (Silicon Valley of India, Laterite Soil, Hematite & Magnetite, Alluvial Soil) is NOT correctly matched?
(A) Hematite & Magnetite — Iron Ore
(B) Laterite Soil — Cashew, Tea & Coffee in heavy rain areas
(C) Alluvial Soil — Northern Plains (Wheat & Rice)
(D) Silicon Valley of India — Cashew, Tea & Coffee in heavy rain areas

Q096. [Class 8 Geography — Resources & Crops] Which of the following pairs (Shifting Cultivation in North-East India, Hematite & Magnetite, Zaid Crop, Laterite Soil) is CORRECTLY matched?
(A) Shifting Cultivation in North-East India — Jhumming
(B) Hematite & Magnetite — Watermelon & Cucumber
(C) Laterite Soil — Iron Ore
(D) Zaid Crop — Cashew, Tea & Coffee in heavy rain areas

Q097. [Class 8 History — Movements & Leaders] Which of the following pairs (Mahalwari System, Doctrine of Lapse, Abolition of Sati (1829), Subsidiary Alliance System) is NOT correctly matched?
(A) Subsidiary Alliance System — Lord Wellesley
(B) Mahalwari System — Lord Dalhousie
(C) Doctrine of Lapse — Lord Dalhousie
(D) Abolition of Sati (1829) — Lord William Bentinck

Q098. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Maximum Strength of Lok Sabha (elected), 74th Constitutional Amendment, Minimum Age for President of India, Right to Information (RTI) Act) is CORRECTLY matched?
(A) 74th Constitutional Amendment — 35 years
(B) Minimum Age for President of India — 2005
(C) Right to Information (RTI) Act — Municipalities (Urban Local Bodies)
(D) Maximum Strength of Lok Sabha (elected) — 543 members

Q099. [Class 8 History — Movements & Leaders] Which of the following pairs (Bardoli Satyagraha (1928), Arya Samaj (1875), Subsidiary Alliance System, Brahmo Samaj (1828)) is NOT correctly matched?
(A) Subsidiary Alliance System — Lord Wellesley
(B) Bardoli Satyagraha (1928) — Swami Dayananda Saraswati
(C) Brahmo Samaj (1828) — Raja Ram Mohan Roy
(D) Arya Samaj (1875) — Swami Dayananda Saraswati

Q100. [Class 8 Geography — Resources & Crops] Which of the following pairs (Solar & Wind Energy, Bauxite Ore, Silicon Valley of India, Kharif Crop) is NOT correctly matched?
(A) Bauxite Ore — Aluminium
(B) Silicon Valley of India — Bengaluru
(C) Kharif Crop — Paddy (Rice) & Maize
(D) Solar & Wind Energy — Aluminium

PAPER 2 — PART I: MATHEMATICS (50 QUESTIONS, 50 MARKS) Q101 – Q150

Q101. Solve the linear equation for x: 4x + 24 = 76
(A) x = 15
(B) x = 17
(C) x = 13
(D) x = 12

Q102. Simplify in exponential form: (7^8 × 7^5) ÷ 7^1
(A) 7^11
(B) 7^12*
(C) 7^12
(D) 7^14

Q103. Simplify in exponential form: (6^5 × 6^4) ÷ 6^6
(A) 6^15
(B) 6^5
(C) 6^3
(D) 6^2

Q104. Solve the linear equation for x: 11x + 25 = 91
(A) x = 5
(B) x = 8
(C) x = 10
(D) x = 6

Q105. Solve the linear equation for x: 10x + 31 = 71
(A) x = 3 (B) x = 8
(C) x = 6 (D) x = 4

Q106. Using algebraic identity ($a^2 - b^2$), evaluate: $52^2 - 26^2$
(A) 2,028 (B) 676
(C) 2,048 (D) 2,018

Q107. A bag contains 8 red, 8 blue, and 5 green balls. Find the probability of drawing a red ball.
(A) 8/21 (B) 8/21*
(C) 5/21 (D) 9/22

Q108. Solve the linear equation for x: 4x + 4 = 100
(A) x = 24 (B) x = 28
(C) x = 26 (D) x = 23

Q109. A bag contains 9 red, 12 blue, and 12 green balls. Find the probability of drawing a red ball.
(A) 3/11 (B) 3/11*
(C) 10/34 (D) 12/33

Q110. Find the area of a trapezium whose parallel sides are 8 cm and 34 cm and height is 12 cm.
(A) 240 sq.cm (B) 252 sq.cm
(C) 504 sq.cm (D) 267 sq.cm

Q111. Solve the linear equation for x: 8x + 12 = 28
(A) x = 2 (B) x = 6
(C) x = 4 (D) x = 1

Q112. If 8 notebooks cost ₹70, how much will 24 notebooks cost?
(A) ₹170 (B) ₹100
(C) ₹260 (D) ₹210

Q113. Using algebraic identity ($a^2 - b^2$), evaluate: $105^2 - 58^2$
(A) 7,661 (B) 7,651
(C) 2,209 (D) 7,681

Q114. A bag contains 8 red, 6 blue, and 12 green balls. Find the probability of drawing a red ball.
(A) 6/26 (B) 4/13
(C) 12/26 (D) 9/27

Q115. If 7 notebooks cost ₹210, how much will 63 notebooks cost?
(A) ₹1,940 (B) ₹300
(C) ₹1,850 (D) ₹1,890

Q116. Find the square root of 57,600.
(A) 240 (B) 241
(C) 239 (D) 242

Q117. Simplify in exponential form: (3^4 × 3^4) ÷ 3^2
(A) 3^10 (B) 3^8
(C) 3^6 (D) 3^5

Q118. Solve the linear equation for x: 12x + 12 = 72
(A) x = 5 (B) x = 9
(C) x = 4 (D) x = 7

Q119. Find the Compound Interest on ₹19,000 at 10% per annum for 2 years compounded annually.
(A) ₹3,800 (B) ₹4,090
(C) ₹22,990 (D) ₹3,990

Q120. If 18 notebooks cost ₹290, how much will 180 notebooks cost?
(A) ₹2,860 (B) ₹2,950
(C) ₹2,900 (D) ₹390

Q121. Solve the linear equation for x: 4x + 16 = 80
(A) x = 15 (B) x = 16
(C) x = 20 (D) x = 18

Q122. Using algebraic identity ($a^2 - b^2$), evaluate: $63^2 - 29^2$
(A) 3,128 (B) 3,118
(C) 3,148 (D) 1,156

Q123. Find the area of a trapezium whose parallel sides are 28 cm and 12 cm and height is 30 cm.
(A) 1200 sq.cm (B) 615 sq.cm
(C) 600 sq.cm (D) 588 sq.cm

Q124. Solve the linear equation for x: 14x + 35 = 119
(A) x = 5 (B) x = 8
(C) x = 10 (D) x = 6

Q125. Using algebraic identity ($a^2 - b^2$), evaluate: $111^2 - 83^2$
(A) 5,452 (B) 784
(C) 5,432 (D) 5,422

Q126. Simplify in exponential form: (6^9 × 6^7) ÷ 6^8
(A) 6^7 (B) 6^8
(C) 6^10 (D) 6^24

Q127. Simplify in exponential form: (6^6 × 6^6) ÷ 6^5
(A) 6^17 (B) 6^9
(C) 6^6 (D) 6^7

Q128. Solve the linear equation for x: 13x + 33 = 176
(A) x = 13 (B) x = 15
(C) x = 10 (D) x = 11

Q129. Simplify in exponential form: (7^4 × 7^4) ÷ 7^7
(A) 7^3 (B) 7^15
(C) 7^1 (D) 7^1*

Q130. Find the square root of 21,609.
(A) 148 (B) 147
(C) 149 (D) 146

Q131. Simplify in exponential form: (8^7 × 8^5) ÷ 8^8
(A) 8^3 (B) 8^4
(C) 8^6 (D) 8^20

Q132. Simplify in exponential form: (2^7 × 2^3) ÷ 2^1
(A) 2^11 (B) 2^9
(C) 2^9* (D) 2^8

Q133. If 14 notebooks cost ₹130, how much will 140 notebooks cost?
(A) ₹1,350 (B) ₹1,300
(C) ₹230 (D) ₹1,260

Q134. Using algebraic identity ($a^2 - b^2$), evaluate: $107^2 - 37^2$
(A) 10,070 (B) 10,100
(C) 10,080 (D) 4,900

Q135. What is the sum of all interior angles of a polygon with 15 sides?
(A) 2,160° (B) 2,340°
(C) 2,700° (D) 2,520°

Q136. Find the square root of 21,904.
(A) 150 (B) 147
(C) 148 (D) 149

Q137. What is the sum of all interior angles of a polygon with 9 sides?
(A) 1,080° (B) 1,620°
(C) 1,260° (D) 1,440°

Q138. Solve the linear equation for x: 9x + 13 = 175
(A) x = 18 (B) x = 22
(C) x = 20 (D) x = 17

Q139. Find the area of a trapezium whose parallel sides are 26 cm and 31 cm and height is 16 cm.
(A) 456 sq.cm (B) 444 sq.cm
(C) 912 sq.cm (D) 471 sq.cm

Q140. Simplify in exponential form: (4^6 × 4^7) ÷ 4^1
(A) 4^12 (B) 4^14
(C) 4^11 (D) 4^12*

Q141. Simplify in exponential form: (8^9 × 8^4) ÷ 8^10
(A) 8^5 (B) 8^3
(C) 8^2 (D) 8^23

Q142. Find the square root of 44,521.
(A) 210 (B) 212
(C) 213 (D) 211

Q143. Solve the linear equation for x: 5x + 36 = 86
(A) x = 10 (B) x = 9
(C) x = 12 (D) x = 14

Q144. Using algebraic identity ($a^2 - b^2$), evaluate: $68^2 - 10^2$
(A) 4,524 (B) 4,514
(C) 4,544 (D) 3,364

Q145. A bag contains 2 red, 7 blue, and 2 green balls. Find the probability of drawing a red ball.
(A) 2/11* (B) 3/12
(C) 7/11 (D) 2/11

Q146. Simplify in exponential form: (3^5 × 3^3) ÷ 3^6
(A) 3^2 (B) 3^1
(C) 3^14 (D) 3^4

Q147. A bag contains 8 red, 9 blue, and 11 green balls. Find the probability of drawing a red ball.
(A) 9/28 (B) 2/7
(C) 11/28 (D) 9/29

Q148. A bag contains 5 red, 3 blue, and 3 green balls. Find the probability of drawing a red ball.
(A) 3/11 (B) 5/11
(C) 6/12 (D) 5/11*

Q149. Find the volume of a right circular cylinder of radius 21 cm and height 12 cm (use π = 22/7).
(A) 16,632 cu.cm (B) 1,584 cu.cm
(C) 16,786 cu.cm (D) 16,522 cu.cm

Q150. If 18 notebooks cost ₹150, how much will 180 notebooks cost?
(A) ₹1,460 (B) ₹1,550
(C) ₹250 (D) ₹1,500

Q151. [Class 8 Biology] Which of the following pairs (Lactobacillus, Thyroxine, Adrenaline, Rhizobium bacteria) is NOT correctly matched?
(A) Rhizobium bacteria — Nitrogen fixation in leguminous plant roots
(B) Lactobacillus — Hormone secreted by Thyroid gland (requires Iodine)
(C) Adrenaline — Emergency hormone secreted by Adrenal glands
(D) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)

Q152. [Class 8 Chemistry] Which of the following pairs (Phosphorus, Gold & Platinum, Bromine, Graphite) is NOT correctly matched?
(A) Graphite — Non-metal that conducts electricity
(B) Gold & Platinum — Least reactive noble metals used in jewellery
(C) Bromine — Only non-metal that is liquid at room temperature
(D) Phosphorus — Least reactive noble metals used in jewellery

Q153. [Class 8 Biology] Which of the following pairs (Rhizobium bacteria, Louis Pasteur, Thyroxine, Hydra & Yeast) is CORRECTLY matched?
(A) Thyroxine — Reproduce asexually by Budding
(B) Louis Pasteur — Hormone secreted by Thyroid gland (requires Iodine)
(C) Rhizobium bacteria — Nitrogen fixation in leguminous plant roots
(D) Hydra & Yeast — Discovery of Fermentation & Pasteurization

Q154. [Class 8 Chemistry] Which of the following pairs (Acid Rain, Coal Tar, Gold & Platinum, Sodium & Potassium) is CORRECTLY matched?
(A) Sodium & Potassium — Thick black liquid used to make naphthalene balls
(B) Coal Tar — Least reactive noble metals used in jewellery
(C) Acid Rain — Caused by oxides of Sulphur and Nitrogen
(D) Gold & Platinum — Highly reactive metals stored in kerosene

Q155. [Class 8 Biology] Which of the following pairs (Edward Jenner, Lactobacillus, Thyroxine, Insulin) is NOT correctly matched?
(A) Lactobacillus — Conversion of milk into curd
(B) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)
(C) Edward Jenner — Conversion of milk into curd
(D) Insulin — Hormone secreted by Pancreas to control blood sugar

Q156. [Class 8 Chemistry] Which of the following pairs (CNG (Compressed Natural Gas), Bromine, Coal Tar, Phosphorus) is NOT correctly matched?
(A) Phosphorus — Non-metal stored in water to prevent ignition in air
(B) Bromine — Only non-metal that is liquid at room temperature
(C) Coal Tar — Thick black liquid used to make naphthalene balls
(D) CNG (Compressed Natural Gas) — Only non-metal that is liquid at room temperature

Q157. [Class 8 Biology] Which of the following pairs (Adrenaline, Louis Pasteur, Amoeba, Lactobacillus) is CORRECTLY matched?
(A) Amoeba — Conversion of milk into curd
(B) Lactobacillus — Discovery of Fermentation & Pasteurization
(C) Louis Pasteur — Reproduces asexually by Binary Fission
(D) Adrenaline — Emergency hormone secreted by Adrenal glands

Q158. [Class 8 Biology] Which of the following pairs (Insulin, Lactobacillus, Cell Wall, Nucleus) is CORRECTLY matched?
(A) Nucleus — Conversion of milk into curd
(B) Insulin — Hormone secreted by Pancreas to control blood sugar
(C) Lactobacillus — Rigid outer covering present only in plant cells
(D) Cell Wall — Control centre of the cell containing chromosomes

Q159. [Class 8 Biology] Which of the following pairs (Edward Jenner, Mitochondria, Nucleus, Louis Pasteur) is NOT correctly matched?
(A) Nucleus — Control centre of the cell containing chromosomes
(B) Louis Pasteur — Discovery of Fermentation & Pasteurization
(C) Mitochondria — Powerhouse of the Cell (ATP synthesis)
(D) Edward Jenner — Powerhouse of the Cell (ATP synthesis)

Q160. [Class 8 Physics] Which of the following pairs (Static Friction, Newton (N), Retina, Hertz (Hz)) is CORRECTLY matched?
(A) Hertz (Hz) — SI unit of Force
(B) Static Friction — Greater than sliding and rolling friction
(C) Newton (N) — Light-sensitive screen at the back of the human eye
(D) Retina — SI unit of Frequency (1 oscillation per second)

Q161. [Physics Numerical] A force of 100 N acts on an area of 4 m². Calculate the pressure exerted.
(A) 22 Pa
(B) 400 Pa
(C) 30 Pa
(D) 25 Pa

Q162. [Class 8 Biology] Which of the following pairs (Mitochondria, Penicillin (1928), Lactobacillus, Amoeba) is NOT correctly matched?
(A) Mitochondria — First antibiotic discovered by Alexander Fleming
(B) Penicillin (1928) — First antibiotic discovered by Alexander Fleming
(C) Lactobacillus — Conversion of milk into curd
(D) Amoeba — Reproduces asexually by Binary Fission

Q163. [Class 8 Physics] Which of the following pairs (Lightning Conductor, Newton (N), Braille System, Hertz (Hz)) is CORRECTLY matched?
(A) Braille System — SI unit of Frequency (1 oscillation per second)
(B) Lightning Conductor — Copper rod protecting tall buildings from lightning
(C) Newton (N) — Tactile reading system for visually impaired persons
(D) Hertz (Hz) — SI unit of Force

Q164. [Class 8 Physics] Which of the following pairs (90° Angle between two plane mirrors, Retina, Amplitude of Vibration, Frequency of Vibration) is CORRECTLY matched?
(A) Retina — Determines the loudness of sound
(B) 90° Angle between two plane mirrors — Forms 3 images (360/90 – 1)
(C) Amplitude of Vibration — Determines the pitch (shrillness) of sound
(D) Frequency of Vibration — Light-sensitive screen at the back of the human eye

Q165. [Class 8 Physics] Which of the following pairs (Frequency of Vibration, Retina, Decibel (dB), Amplitude of Vibration) is CORRECTLY matched?
(A) Retina — Unit used to measure loudness of sound
(B) Frequency of Vibration — Determines the pitch (shrillness) of sound
(C) Amplitude of Vibration — Light-sensitive screen at the back of the human eye
(D) Decibel (dB) — Determines the loudness of sound

Q166. [Class 8 Chemistry] Which of the following pairs (Sulfurous Acid (H_2SO_3), Electroplating, Gold & Platinum, Carbon Dioxide (CO_2)) is CORRECTLY matched?
(A) Gold & Platinum — Gas used in fire extinguishers for electrical fires
(B) Carbon Dioxide (CO_2) — Coating Chromium on iron to prevent rusting
(C) Electroplating — Least reactive noble metals used in jewellery
(D) Sulfurous Acid (H_2SO_3) — Formed when non-metal oxide SO_2 dissolves in water

Q167. [Class 8 Chemistry] Which of the following pairs (Diamond, Graphite, Mercury, Phosphorus) is CORRECTLY matched?
(A) Phosphorus — Non-metal that conducts electricity
(B) Graphite — Only metal that is liquid at room temperature
(C) Mercury — Non-metal stored in water to prevent ignition in air
(D) Diamond — Hardest natural allotrope of Carbon

Q168. [Class 8 Chemistry] Which of the following pairs (Carbon Dioxide (CO_2), Blue Zone (Outer Zone), Coal Tar, Mercury) is CORRECTLY matched?
(A) Mercury — Hottest part of a candle flame (complete combustion)
(B) Carbon Dioxide (CO_2) — Gas used in fire extinguishers for electrical fires
(C) Blue Zone (Outer Zone) — Thick black liquid used to make naphthalene balls
(D) Coal Tar — Only metal that is liquid at room temperature

Q169. [Class 8 Chemistry] Which of the following pairs (Electroplating, Copper Sulphate + Zinc, CNG (Compressed Natural Gas), Gold & Platinum) is CORRECTLY matched?
(A) CNG (Compressed Natural Gas) — Least reactive noble metals used in jewellery
(B) Copper Sulphate + Zinc — Cleanest gaseous fossil fuel (mainly Methane)
(C) Gold & Platinum — Zinc displaces Copper (Displacement Reaction)
(D) Electroplating — Coating Chromium on iron to prevent rusting

Q170. [Class 8 Physics] Which of the following pairs (Decibel (dB), Braille System, Frequency of Vibration, Hertz (Hz)) is NOT correctly matched?
(A) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)
(B) Frequency of Vibration — Determines the pitch (shrillness) of sound
(C) Decibel (dB) — Tactile reading system for visually impaired persons
(D) Braille System — Tactile reading system for visually impaired persons

Q171. [Class 8 Physics] Which of the following pairs (Lightning Conductor, Frequency of Vibration, Retina, Newton (N)) is CORRECTLY matched?
(A) Retina — SI unit of Force
(B) Lightning Conductor — Copper rod protecting tall buildings from lightning
(C) Newton (N) — Determines the pitch (shrillness) of sound
(D) Frequency of Vibration — Light-sensitive screen at the back of the human eye

Q172. [Class 8 Biology] Which of the following pairs (Hydra & Yeast, Cell Wall, Edward Jenner, Penicillin (1928)) is CORRECTLY matched?
(A) Hydra & Yeast — Reproduce asexually by Budding
(B) Edward Jenner — First antibiotic discovered by Alexander Fleming
(C) Cell Wall — Discovery of Smallpox Vaccine
(D) Penicillin (1928) — Rigid outer covering present only in plant cells

Q173. [Physics Numerical] A pendulum makes 200 oscillations in 2 seconds. Find its frequency.
(A) 110 Hz
(B) 95 Hz
(C) 400 Hz
(D) 100 Hz

Q174. [Class 8 Physics] Which of the following pairs (Braille System, 60° Angle between two plane mirrors, Hertz (Hz), Frequency of Vibration) is NOT correctly matched?
(A) 60° Angle between two plane mirrors — Forms 5 images (360/60 – 1)
(B) Frequency of Vibration — Determines the pitch (shrillness) of sound
(C) Braille System — Forms 5 images (360/60 – 1)
(D) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)

Q175. [Class 8 Chemistry] Which of the following pairs (Phosphorus, Sulfurous Acid (H_2SO_3), Acid Rain, Gold & Platinum) is NOT correctly matched?
(A) Gold & Platinum — Least reactive noble metals used in jewellery
(B) Phosphorus — Formed when non-metal oxide SO_2 dissolves in water
(C) Sulfurous Acid (H_2SO_3) — Formed when non-metal oxide SO_2 dissolves in water
(D) Acid Rain — Caused by oxides of Sulphur and Nitrogen

Q176. [Class 8 Biology] Which of the following pairs (Hydra & Yeast, Plasmodium (Malaria), Insulin, Louis Pasteur) is CORRECTLY matched?
(A) Insulin — Discovery of Fermentation & Pasteurization
(B) Hydra & Yeast — Reproduce asexually by Budding
(C) Louis Pasteur — Transmitted by female Anopheles mosquito
(D) Plasmodium (Malaria) — Hormone secreted by Pancreas to control blood sugar

Q177. [Class 8 Chemistry] Which of the following pairs (CNG (Compressed Natural Gas), Acid Rain, Carbon Dioxide (CO_2), Mercury) 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) CNG (Compressed Natural Gas) — Caused by oxides of Sulphur and Nitrogen
(D) Carbon Dioxide (CO_2) — Gas used in fire extinguishers for electrical fires

Q178. [Class 8 Chemistry] Which of the following pairs (Acid Rain, Bromine, Diamond, Sodium & Potassium) is NOT correctly matched?

(A) Bromine — Only non-metal that is liquid at room temperature
(B) Diamond — Hardest natural allotrope of Carbon
(C) Acid Rain — Only non-metal that is liquid at room temperature
(D) Sodium & Potassium — Highly reactive metals stored in kerosene

Q179. [Class 8 Chemistry] Which of the following pairs (Sodium & Potassium, Copper Sulphate + Zinc, Electroplating, Diamond) is CORRECTLY matched?

(A) Copper Sulphate + Zinc — Coating Chromium on iron to prevent rusting
(B) Sodium & Potassium — Highly reactive metals stored in kerosene
(C) Diamond — Zinc displaces Copper (Displacement Reaction)
(D) Electroplating — Hardest natural allotrope of Carbon

Q180. [Class 8 Chemistry] Which of the following pairs (Blue Zone (Outer Zone), Sodium & Potassium, Copper Sulphate + Zinc, Sulfurous Acid (H_2SO_3)) is NOT correctly matched?

(A) Sodium & Potassium — Highly reactive metals stored in kerosene
(B) Copper Sulphate + Zinc — Zinc displaces Copper (Displacement Reaction)
(C) Sulfurous Acid (H_2SO_3) — Formed when non-metal oxide SO_2 dissolves in water
(D) Blue Zone (Outer Zone) — Highly reactive metals stored in kerosene

Q181. [Class 8 Biology] Which of the following pairs (Insulin, Chloroplast, Adrenaline, Penicillin (1928)) is CORRECTLY matched?

(A) Adrenaline — First antibiotic discovered by Alexander Fleming
(B) Insulin — Hormone secreted by Pancreas to control blood sugar
(C) Chloroplast — Emergency hormone secreted by Adrenal glands
(D) Penicillin (1928) — Photosynthesis in green plant cells

Q182. [Class 8 Physics] Which of the following pairs (Lightning Conductor, Decibel (dB), Hertz (Hz), Angle of Incidence = Angle of Reflection) is NOT correctly matched?

(A) Decibel (dB) — Unit used to measure loudness of sound
(B) Lightning Conductor — Unit used to measure loudness of sound
(C) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)
(D) Angle of Incidence = Angle of Reflection — First Law of Reflection of Light

Q183. [Class 8 Physics] Which of the following pairs (Ball Bearings, Pascal (Pa), 60° Angle between two plane mirrors, Lightning Conductor) is NOT correctly matched?

(A) 60° Angle between two plane mirrors — Forms 5 images (360/60 − 1)
(B) Pascal (Pa) — SI unit of Pressure (Force / Area)
(C) Ball Bearings — SI unit of Pressure (Force / Area)
(D) Lightning Conductor — Copper rod protecting tall buildings from lightning

Q184. [Class 8 Biology] Which of the following pairs (Nucleus, Louis Pasteur, Insulin, Amoeba) is CORRECTLY matched?

(A) Insulin — Reproduces asexually by Binary Fission
(B) Nucleus — Control centre of the cell containing chromosomes
(C) Louis Pasteur — Hormone secreted by Pancreas to control blood sugar
(D) Amoeba — Discovery of Fermentation & Pasteurization

Q185. [Class 8 Chemistry] Which of the following pairs (Copper Sulphate + Zinc, Diamond, Graphite, Blue Zone (Outer Zone)) is CORRECTLY matched?

(A) Graphite — Hottest part of a candle flame (complete combustion)
(B) Blue Zone (Outer Zone) — Hardest natural allotrope of Carbon
(C) Diamond — Non-metal that conducts electricity
(D) Copper Sulphate + Zinc — Zinc displaces Copper (Displacement Reaction)

Q186. [Class 8 Physics] Which of the following pairs (90° Angle between two plane mirrors, Ball Bearings, Frequency of Vibration, Braille System) is CORRECTLY matched?

(A) Braille System — Used to convert sliding friction into rolling friction
(B) Ball Bearings — Determines the pitch (shrillness) of sound
(C) Frequency of Vibration — Tactile reading system for visually impaired persons
(D) 90° Angle between two plane mirrors — Forms 3 images (360/90 − 1)

Q187. [Class 8 Chemistry] Which of the following pairs (Diamond, Coal Tar, Graphite, CNG (Compressed Natural Gas)) is CORRECTLY matched?

(A) Graphite — Cleanest gaseous fossil fuel (mainly Methane)
(B) Coal Tar — Non-metal that conducts electricity
(C) CNG (Compressed Natural Gas) — Thick black liquid used to make naphthalene balls
(D) Diamond — Hardest natural allotrope of Carbon

Q188. [Class 8 Biology] Which of the following pairs (Hydra & Yeast, Plasmodium (Malaria), Insulin, Amoeba) is CORRECTLY matched?

(A) Amoeba — Transmitted by female Anopheles mosquito
(B) Plasmodium (Malaria) — Hormone secreted by Pancreas to control blood sugar
(C) Hydra & Yeast — Reproduce asexually by Budding
(D) Insulin — Reproduces asexually by Binary Fission

Q189. [Class 8 Biology] Which of the following pairs (Rhizobium bacteria, Mitochondria, Louis Pasteur, Hydra & Yeast) is NOT correctly matched?

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

Q190. [Class 8 Physics] Which of the following pairs (Amplitude of Vibration, Frequency of Vibration, Retina, Ball Bearings) is NOT correctly matched?

(A) Retina — Light-sensitive screen at the back of the human eye
(B) Ball Bearings — Used to convert sliding friction into rolling friction
(C) Amplitude of Vibration — Determines the pitch (shrillness) of sound
(D) Frequency of Vibration — Determines the pitch (shrillness) of sound

Q191. [Class 8 Chemistry] Which of the following pairs (Gold & Platinum, Electroplating, Bromine, Sulfurous Acid (H_2SO_3)) is NOT correctly matched?

(A) Electroplating — Coating Chromium on iron to prevent rusting
(B) Gold & Platinum — Coating Chromium on iron to prevent rusting
(C) Bromine — Only non-metal that is liquid at room temperature
(D) Sulfurous Acid (H_2SO_3) — Formed when non-metal oxide SO_2 dissolves in water

Q192. [Class 8 Physics] Which of the following pairs (Angle of Incidence = Angle of Reflection, Amplitude of Vibration, Frequency of Vibration, Static Friction) is NOT correctly matched?

(A) Static Friction — Greater than sliding and rolling friction
(B) Frequency of Vibration — Determines the pitch (shrillness) of sound
(C) Angle of Incidence = Angle of Reflection — Determines the loudness of sound
(D) Amplitude of Vibration — Determines the loudness of sound

Q193. [Class 8 Chemistry] Which of the following pairs (Blue Zone (Outer Zone), Copper Sulphate + Zinc, Sodium & Potassium, Coal Tar) is CORRECTLY matched?

(A) Coal Tar — Zinc displaces Copper (Displacement Reaction)
(B) Blue Zone (Outer Zone) — Hottest part of a candle flame (complete combustion)
(C) Copper Sulphate + Zinc — Highly reactive metals stored in kerosene
(D) Sodium & Potassium — Thick black liquid used to make naphthalene balls

Q194. [Class 8 Biology] Which of the following pairs (Insulin, Rhizobium bacteria, Cell Wall, Hydra & Yeast) is NOT correctly matched?

(A) Cell Wall — Rigid outer covering present only in plant cells
(B) Rhizobium bacteria — Nitrogen fixation in leguminous plant roots
(C) Insulin — Nitrogen fixation in leguminous plant roots
(D) Hydra & Yeast — Reproduce asexually by Budding

Q195. [Class 8 Physics] Which of the following pairs (Decibel (dB), 20 Hz to 20,000 Hz, 60° Angle between two plane mirrors, Pascal (Pa)) is CORRECTLY matched?

(A) 20 Hz to 20,000 Hz — Forms 5 images (360/60 − 1)
(B) Pascal (Pa) — Audible frequency range for human ear
(C) Decibel (dB) — Unit used to measure loudness of sound
(D) 60° Angle between two plane mirrors — SI unit of Pressure (Force / Area)

Q196. [Class 8 Biology] Which of the following pairs (Thyroxine, Cell Wall, Plasmodium (Malaria), Penicillin (1928)) is CORRECTLY matched?

(A) Cell Wall — Transmitted by female Anopheles mosquito
(B) Plasmodium (Malaria) — First antibiotic discovered by Alexander Fleming
(C) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)
(D) Penicillin (1928) — Rigid outer covering present only in plant cells

Q197. [Class 8 Physics] Which of the following pairs (Pascal (Pa), Static Friction, Frequency of Vibration, Decibel (dB)) is CORRECTLY matched?

(A) Decibel (dB) — Greater than sliding and rolling friction
(B) Pascal (Pa) — SI unit of Pressure (Force / Area)
(C) Static Friction — Determines the pitch (shrillness) of sound
(D) Frequency of Vibration — Unit used to measure loudness of sound

Q198. [Class 8 Biology] Which of the following pairs (Adrenaline, Nucleus, Plasmodium (Malaria), Insulin) is NOT correctly matched?

(A) Plasmodium (Malaria) — Transmitted by female Anopheles mosquito
(B) Insulin — Hormone secreted by Pancreas to control blood sugar
(C) Adrenaline — Control centre of the cell containing chromosomes
(D) Nucleus — Control centre of the cell containing chromosomes

Q199. [Class 8 Chemistry] Which of the following pairs (Diamond, Coal Tar, Sodium & Potassium, Copper Sulphate + Zinc) is NOT correctly matched?

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

Q200. [Class 8 Physics] Which of the following pairs (Newton (N), 60° Angle between two plane mirrors, Static Friction, 20 Hz to 20,000 Hz) is CORRECTLY matched?

(A) 60° Angle between two plane mirrors — Greater than sliding and rolling friction
(B) Newton (N) — SI unit of Force
(C) Static Friction — Audible frequency range for human ear
(D) 20 Hz to 20,000 Hz — Forms 5 images (360/60 − 1)

OMR ANSWER SHEET — 200 QUESTIONS (CLASS IX SET 053) • Darken One Circle Only

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

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 053

TYBA COACHING CENTRE, AJMER • Layout: 10-Column Vertical Matrix • Distribution: A: 52 | B: 53 | C: 42 | D: 53

Narayan Sir
6367029449

Q001: (A)	**Q021**: (A)	**Q041**: (B)	**Q061**: (D)	**Q081**: (A)	**Q101**: (C)	**Q121**: (B)	**Q141**: (B)	**Q161**: (D)	**Q181**: (B)
Q002: (C)	**Q022**: (A)	**Q042**: (A)	**Q062**: (D)	**Q082**: (A)	**Q102**: (C)	**Q122**: (A)	**Q142**: (D)	**Q162**: (A)	**Q182**: (B)
Q003: (B)	**Q023**: (D)	**Q043**: (D)	**Q063**: (D)	**Q083**: (C)	**Q103**: (C)	**Q123**: (C)	**Q143**: (A)	**Q163**: (B)	**Q183**: (C)
Q004: (C)	**Q024**: (D)	**Q044**: (C)	**Q064**: (A)	**Q084**: (B)	**Q104**: (D)	**Q124**: (D)	**Q144**: (A)	**Q164**: (B)	**Q184**: (B)
Q005: (B)	**Q025**: (B)	**Q045**: (A)	**Q065**: (D)	**Q085**: (D)	**Q105**: (D)	**Q125**: (C)	**Q145**: (D)	**Q165**: (B)	**Q185**: (D)
Q006: (B)	**Q026**: (D)	**Q046**: (D)	**Q066**: (D)	**Q086**: (A)	**Q106**: (A)	**Q126**: (B)	**Q146**: (A)	**Q166**: (D)	**Q186**: (D)
Q007: (B)	**Q027**: (A)	**Q047**: (A)	**Q067**: (D)	**Q087**: (D)	**Q107**: (A)	**Q127**: (D)	**Q147**: (B)	**Q167**: (D)	**Q187**: (D)
Q008: (A)	**Q028**: (B)	**Q048**: (B)	**Q068**: (B)	**Q088**: (C)	**Q108**: (A)	**Q128**: (D)	**Q148**: (B)	**Q168**: (B)	**Q188**: (C)
Q009: (A)	**Q029**: (C)	**Q049**: (D)	**Q069**: (A)	**Q089**: (D)	**Q109**: (A)	**Q129**: (C)	**Q149**: (A)	**Q169**: (D)	**Q189**: (C)
Q010: (D)	**Q030**: (A)	**Q050**: (A)	**Q070**: (B)	**Q090**: (A)	**Q110**: (B)	**Q130**: (B)	**Q150**: (D)	**Q170**: (C)	**Q190**: (C)
Q011: (D)	**Q031**: (A)	**Q051**: (B)	**Q071**: (A)	**Q091**: (A)	**Q111**: (A)	**Q131**: (B)	**Q151**: (B)	**Q171**: (B)	**Q191**: (B)
Q012: (C)	**Q032**: (A)	**Q052**: (D)	**Q072**: (D)	**Q092**: (D)	**Q112**: (D)	**Q132**: (B)	**Q152**: (D)	**Q172**: (A)	**Q192**: (C)
Q013: (D)	**Q033**: (D)	**Q053**: (C)	**Q073**: (D)	**Q093**: (A)	**Q113**: (A)	**Q133**: (B)	**Q153**: (C)	**Q173**: (D)	**Q193**: (B)
Q014: (C)	**Q034**: (A)	**Q054**: (C)	**Q074**: (B)	**Q094**: (B)	**Q114**: (B)	**Q134**: (C)	**Q154**: (C)	**Q174**: (C)	**Q194**: (C)
Q015: (A)	**Q035**: (B)	**Q055**: (A)	**Q075**: (A)	**Q095**: (D)	**Q115**: (D)	**Q135**: (B)	**Q155**: (C)	**Q175**: (B)	**Q195**: (C)
Q016: (B)	**Q036**: (C)	**Q056**: (B)	**Q076**: (C)	**Q096**: (A)	**Q116**: (A)	**Q136**: (C)	**Q156**: (D)	**Q176**: (B)	**Q196**: (C)
Q017: (B)	**Q037**: (B)	**Q057**: (A)	**Q077**: (B)	**Q097**: (B)	**Q117**: (C)	**Q137**: (C)	**Q157**: (D)	**Q177**: (C)	**Q197**: (B)
Q018: (D)	**Q038**: (D)	**Q058**: (A)	**Q078**: (A)	**Q098**: (D)	**Q118**: (A)	**Q138**: (A)	**Q158**: (B)	**Q178**: (C)	**Q198**: (C)
Q019: (A)	**Q039**: (A)	**Q059**: (C)	**Q079**: (C)	**Q099**: (B)	**Q119**: (D)	**Q139**: (A)	**Q159**: (D)	**Q179**: (B)	**Q199**: (C)
Q020: (A)	**Q040**: (A)	**Q060**: (D)	**Q080**: (B)	**Q100**: (D)	**Q120**: (C)	**Q140**: (A)	**Q160**: (B)	**Q180**: (D)	**Q200**: (B)