# RASHTRIYA MILITARY SCHOOL (RMS CET) CLASS IX — MODEL PAPER SET 027

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: 'Divya designed the report.'**
(A) The report is designed by Divya. (B) The report has designed by Divya.
(C) The report were designed by Divya. (D) The report was designed by Divya.

**Q002. Change into Indirect Speech: "Rekha will win the medal," said the Principal.**
(A) The Principal told that Rekha can win the medal. (B) The Principal said that Rekha will win the medal.
(C) The Principal said that Rekha would win the medal. (D) The Principal asked if Rekha would win the medal.

**Q003. Identify the tense of: 'Aditya has completed a speech.'**
(A) Simple Past Tense (B) Present Continuous Tense
(C) Present Perfect Tense (D) Simple Future Tense

**Q004. Change into Passive Voice: 'Divya designed the plan.'**
(A) The plan is designed by Divya. (B) The plan was designed by Divya.
(C) The plan has designed by Divya. (D) The plan were designed by Divya.

**Q005. Choose the grammatically correct option: Vivek insisted ___ paying the bill himself.**
(A) for (B) at
(C) on (D) to

**Q006. Change into Passive Voice: 'Alka painted the essay.'**
(A) The essay is painted by Alka. (B) The essay was painted by Alka.
(C) The essay were painted by Alka. (D) The essay had painted by Alka.

**Q007. Identify the tense of: 'Pooja has read an article.'**
(A) Simple Future Tense (B) Present Perfect Tense
(C) Simple Past Tense (D) Present Continuous Tense

**Q008. Change into Passive Voice: 'Nikhil built the plan.'**
(A) The plan had built by Nikhil. (B) The plan was built by Nikhil.
(C) The plan were built by Nikhil. (D) The plan is built by Nikhil.

**Q009. Identify the tense of: 'Rohan has prepared a speech.'**
(A) Present Continuous Tense (B) Simple Past Tense
(C) Simple Future Tense (D) Present Perfect Tense

**Q010. Identify the tense of: 'Meera has studied a map.'**
(A) Simple Past Tense (B) Present Continuous Tense
(C) Simple Future Tense (D) Present Perfect Tense

**Q011. Change into Passive Voice: 'Tanvi solved the model.'**
(A) The model were solved by Tanvi. (B) The model had solved by Tanvi.
(C) The model was solved by Tanvi. (D) The model is solved by Tanvi.

**Q012. Identify the tense of: 'Priya has completed a chart.'**
(A) Present Continuous Tense (B) Present Perfect Tense
(C) Simple Past Tense (D) Simple Future Tense

**Q013. Choose the grammatically correct option: Had Vikram informed me earlier, I ___ helped him.**
(A) would have (B) will have
(C) would (D) had

**Q014. Change into Passive Voice: 'Vivek solved the chart.'**
(A) The chart were solved by Vivek. (B) The chart was solved by Vivek.
(C) The chart is solved by Vivek. (D) The chart had solved by Vivek.

**Q015. Change into Passive Voice: 'Isha wrote the bridge.'**
(A) The bridge is written by Isha. (B) The bridge was written by Isha.
(C) The bridge were written by Isha. (D) The bridge has written by Isha.

**Q016. Change into Passive Voice: 'Swati designed the plan.'**
(A) The plan has designed by Swati. (B) The plan is designed by Swati.
(C) The plan were designed by Swati. (D) The plan was designed by Swati.

**Q017. Change into Passive Voice: 'Aarav painted the essay.'**
(A) The essay was painted by Aarav. (B) The essay were painted by Aarav.
(C) The essay is painted by Aarav. (D) The essay had painted by Aarav.

**Q018. Change into Passive Voice: 'Harsh wrote the portrait.'**
(A) The portrait is written by Harsh. (B) The portrait has written by Harsh.
(C) The portrait were written by Harsh. (D) The portrait was written by Harsh.

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

**Q020. Change into Passive Voice: 'Rekha built the chart.'**
(A) The chart is built by Rekha. (B) The chart had built by Rekha.
(C) The chart was built by Rekha. (D) The chart were built by Rekha.

**Q021. Change into Passive Voice: 'Riya solved the essay.'**
(A) The essay was solved by Riya. (B) The essay is solved by Riya.
(C) The essay had solved by Riya. (D) The essay were solved by Riya.

**Q022. Convert into Simple Future Tense: 'Sneha read a letter.'**
(A) Sneha is reading a letter. (B) Sneha has read a letter.
(C) Sneha reads a letter. (D) Sneha will read a letter.

**Q023. Choose the grammatically correct option: Despite ___ ill, Arjun attended the parade.**
(A) being (B) is
(C) of being (D) was

**Q024. Identify the tense of: 'Pooja has completed an article.'**
(A) Present Continuous Tense (B) Simple Future Tense
(C) Present Perfect Tense (D) Simple Past Tense

**Q025. Change into Passive Voice: 'Karan solved the equation.'**
(A) The equation was solved by Karan. (B) The equation is solved by Karan.
(C) The equation were solved by Karan. (D) The equation had solved by Karan.

**Q026. Change into Passive Voice: 'Sneha wrote the plan.'**
(A) The plan is written by Sneha. (B) The plan was written by Sneha.
(C) The plan were written by Sneha. (D) The plan has written by Sneha.

**Q027. Change into Passive Voice: 'Arjun designed the report.'**
(A) The report has designed by Arjun. (B) The report is designed by Arjun.
(C) The report was designed by Arjun. (D) The report were designed by Arjun.

**Q028. Change into Passive Voice: 'Pooja designed the plan.'**
(A) The plan has designed by Pooja. (B) The plan is designed by Pooja.
(C) The plan were designed by Pooja. (D) The plan was designed by Pooja.

**Q029. Convert into Simple Future Tense: 'Aarav prepared a speech.'**
(A) Aarav is preparing a speech. (B) Aarav will prepare a speech.
(C) Aarav prepares a speech. (D) Aarav has prepared a speech.

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

**Q031. Convert into Simple Future Tense: 'Divya wrote a diagram.'**
(A) Divya writes a diagram. (B) Divya has written a diagram.
(C) Divya will write a diagram. (D) Divya is writing a diagram.

**Q032. Identify the tense of: 'Pooja has studied a map.'**
(A) Simple Future Tense (B) Simple Past Tense
(C) Present Continuous Tense (D) Present Perfect Tense

**Q033. Identify the tense of: 'Aarav has prepared an article.'**
(A) Simple Past Tense (B) Present Continuous Tense
(C) Present Perfect Tense (D) Simple Future Tense

**Q034. Identify the tense of: 'Aditya has completed a map.'**
(A) Simple Past Tense (B) Present Perfect Tense
(C) Present Continuous Tense (D) Simple Future Tense

**Q035. Change into Passive Voice: 'Pooja wrote the equation.'**
(A) The equation was written by Pooja. (B) The equation is written by Pooja.
(C) The equation has written by Pooja. (D) The equation were written by Pooja.

**Q036. Change into Passive Voice: 'Pooja painted the equation.'**
(A) The equation were painted by Pooja. (B) The equation had painted by Pooja.
(C) The equation is painted by Pooja. (D) The equation was painted by Pooja.

**Q037. Change into Passive Voice: 'Suresh painted the plan.'**
(A) The plan is painted by Suresh. (B) The plan had painted by Suresh.
(C) The plan was painted by Suresh. (D) The plan were painted by Suresh.

**Q038. Identify the tense of: 'Vikram has written a speech.'**
(A) Present Continuous Tense (B) Simple Past Tense
(C) Present Perfect Tense (D) Simple Future Tense

**Q039. Identify the tense of: 'Vikram has prepared a map.'**
(A) Simple Past Tense (B) Present Perfect Tense
(C) Present Continuous Tense (D) Simple Future Tense

**Q040. Change into Passive Voice: 'Kavya designed the essay.'**
(A) The essay was designed by Kavya. (B) The essay is designed by Kavya.
(C) The essay has designed by Kavya. (D) The essay were designed by Kavya.

**Q041. Change into Passive Voice: 'Tarun painted the plan.'**
(A) The plan had painted by Tarun. (B) The plan were painted by Tarun.
(C) The plan is painted by Tarun. (D) The plan was painted by Tarun.

**Q042. Change into Passive Voice: 'Vivek built the essay.'**
(A) The essay were built by Vivek. (B) The essay had built by Vivek.
(C) The essay was built by Vivek. (D) The essay is built by Vivek.

**Q043. Identify the tense of: 'Nikhil has studied a novel.'**
(A) Present Continuous Tense (B) Simple Past Tense
(C) Present Perfect Tense (D) Simple Future Tense

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

**Q045. Convert into Simple Future Tense: 'Divya read a theorem.'**
(A) Divya is reading a theorem. (B) Divya reads a theorem.
(C) Divya will read a theorem. (D) Divya has read a theorem.

**Q046. Identify the tense of: 'Rahul has prepared a diagram.'**
(A) Simple Past Tense (B) Simple Future Tense
(C) Present Perfect Tense (D) Present Continuous Tense

**Q047. Change into Passive Voice: 'Priya built the bridge.'**
(A) The bridge is built by Priya. (B) The bridge were built by Priya.
(C) The bridge had built by Priya. (D) The bridge was built by Priya.

**Q048. Choose the grammatically correct option: Each of the participants ___ awarded a certificate.**
(A) are (B) was
(C) were (D) have

**Q049. Change into Passive Voice: 'Harsh designed the portrait.'**
(A) The portrait is designed by Harsh. (B) The portrait were designed by Harsh.
(C) The portrait has designed by Harsh. (D) The portrait was designed by Harsh.

**Q050. Choose the grammatically correct option: Scarcely had Geeta reached the station ___ the train left.**
(A) than (B) while
(C) when (D) then

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

**Q051. [पर्यायवाची] निम्नलिखित (शत्रु, मित्र, आँख, जंगल) में से कौन-सा युग्म सही सुमेलित है?**
(A) शत्रु — अरि (B) जंगल — सखा
(C) मित्र — नेत्र (D) आँख — कानन

**Q052. [पर्यायवाची] निम्नलिखित (अग्नि, बादल, राजा, कमल) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) बादल — मेघ (B) कमल — पंकज
(C) अग्नि — मेघ (D) राजा — नृप

**Q053. [पर्यायवाची] निम्नलिखित (नदी, आकाश, जंगल, पहाड़) में से कौन-सा युग्म सही सुमेलित है?**
(A) आकाश — कानन (B) नदी — सरिता
(C) जंगल — पर्वत (D) पहाड़ — नभ

**Q054. [मुहावरे] निम्नलिखित (लोहे के चने चबाना, नौ दो ग्यारह होना, आँखों का तारा होना, घोड़े बेचकर सोना) में से कौन-सा युग्म सही सुमेलित है?**
(A) आँखों का तारा होना — निश्चिंत होकर सोना (B) लोहे के चने चबाना — बहुत कठिन कार्य करना
(C) नौ दो ग्यारह होना — अत्यंत प्रिय होना (D) घोड़े बेचकर सोना — भाग जाना

**Q055. [मुहावरे] निम्नलिखित (ऊँट के मुँह में जीरा, घोड़े बेचकर सोना, लोहे के चने चबाना, गागर में सागर भरना) में से कौन-सा युग्म सही सुमेलित है?**
(A) ऊँट के मुँह में जीरा — आवश्यकता से बहुत कम (B) लोहे के चने चबाना — थोड़े शब्दों में बहुत कुछ कहना
(C) गागर में सागर भरना — निश्चिंत होकर सोना (D) घोड़े बेचकर सोना — बहुत कठिन कार्य करना

**Q056. [विलोम] निम्नलिखित (यश, वरदान, सजीव, सगुण) में से कौन-सा युग्म सही सुमेलित है?**
(A) सजीव — निर्गुण (B) सगुण — अभिशाप
(C) वरदान — निर्जीव (D) यश — अपयश

**Q057. [मुहावरे] निम्नलिखित (ईद का चाँद होना, नौ दो ग्यारह होना, लोहे के चने चबाना, अंगूठा दिखाना) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) लोहे के चने चबाना — बहुत कठिन कार्य करना (B) अंगूठा दिखाना — साफ मना कर देना
(C) ईद का चाँद होना — भाग जाना (D) नौ दो ग्यारह होना — भाग जाना

**Q058. [संधि-विच्छेद] निम्नलिखित (स्वागत, हिमालय, महेश, अत्याचार) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) स्वागत — हिम + आलय (B) हिमालय — हिम + आलय
(C) अत्याचार — अति + आचार (D) महेश — महा + ईश

**Q059. [मुहावरे] निम्नलिखित (कमर कसना, लोहे के चने चबाना, अंगूठा दिखाना, आँखों का तारा होना) में से कौन-सा युग्म सही सुमेलित है?**
(A) लोहे के चने चबाना — साफ मना कर देना (B) आँखों का तारा होना — बहुत कठिन कार्य करना
(C) कमर कसना — तैयार होना (D) अंगूठा दिखाना — अत्यंत प्रिय होना

**Q060. [मुहावरे] निम्नलिखित (नौ दो ग्यारह होना, कमर कसना, आँखों का तारा होना, गागर में सागर भरना) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) आँखों का तारा होना — अत्यंत प्रिय होना (B) नौ दो ग्यारह होना — तैयार होना
(C) गागर में सागर भरना — थोड़े शब्दों में बहुत कुछ कहना (D) कमर कसना — तैयार होना

**Q061. [संधि-विच्छेद] निम्नलिखित (निराशा, स्वागत, परमेश्वर, नमस्ते) में से कौन-सा युग्म सही सुमेलित है?**
(A) परमेश्वर — नमः + ते (B) नमस्ते — सु + आगत
(C) स्वागत — परम + ईश्वर (D) निराशा — निः + आशा

**Q062. [संधि-विच्छेद] निम्नलिखित (स्वागत, परमेश्वर, हिमालय, देवालय) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) स्वागत — परम + ईश्वर (B) हिमालय — हिम + आलय
(C) देवालय — देव + आलय (D) परमेश्वर — परम + ईश्वर

**Q063. [पर्यायवाची] निम्नलिखित (अग्नि, फूल, शत्रु, आँख) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) शत्रु — अरि (B) अग्नि — पुष्प
(C) आँख — नेत्र (D) फूल — पुष्प

**Q064. [पर्यायवाची] निम्नलिखित (कमल, पहाड़, सूर्य, सोना) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) सोना — कंचन (B) पहाड़ — पर्वत
(C) कमल — पर्वत (D) सूर्य — दिनकर

**Q065. [संधि-विच्छेद] निम्नलिखित (नमस्ते, निराशा, पावक, प्रत्येक) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) पावक — पौ + अक (B) निराशा — निः + आशा
(C) नमस्ते — निः + आशा (D) प्रत्येक — प्रति + एक

**Q066. [संधि-विच्छेद] निम्नलिखित (देवालय, महेश, स्वागत, जगदीश) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) जगदीश — जगत् + ईश (B) स्वागत — सु + आगत
(C) देवालय — महा + ईश (D) महेश — महा + ईश

**Q067. [विलोम] निम्नलिखित (अंधकार, वरदान, क्रय, आदि) में से कौन-सा युग्म सही सुमेलित नहीं है?**
(A) आदि — अंत (B) क्रय — विक्रय
(C) वरदान — अभिशाप (D) अंधकार — अभिशाप

**Q068. 'देवालय' शब्द का सही संधि-विच्छेद चुनिए:**
(A) देव + आलय (B) देवा + लय
(C) देव + अल्य (D) दे + वालय

**Q069. निम्न में से 'कठोर' का विलोम शब्द चुनिए:**
(A) कोमल (B) दृढ़
(C) सख्त (D) निष्ठुर

**Q070. [समास] निम्नलिखित (राजपुत्र, नीलकमल, माता-पिता, दशानन) में से कौन-सा युग्म सही सुमेलित है?**
(A) नीलकमल — द्वंद्व समास (B) माता-पिता — बहुव्रीहि समास
(C) राजपुत्र — तत्पुरुष समास (D) दशानन — कर्मधारय समास

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

**Q071. [Class 8 History — Events & Years] Which of the following pairs (Formation of Indian National Congress, Formation of Muslim League, Chauri Chaura Incident, Dandi March (Civil Disobedience Movement)) is NOT correctly matched?**
(A) Formation of Indian National Congress — 1906 (B) Dandi March (Civil Disobedience Movement) — 1930
(C) Formation of Muslim League — 1906 (D) Chauri Chaura Incident — 1922

**Q072. [Class 8 History — Events & Years] Which of the following pairs (Battle of Buxar, Partition of Bengal, Formation of Indian National Congress, Chauri Chaura Incident) is CORRECTLY matched?**
(A) Battle of Buxar — 1764 (B) Formation of Indian National Congress — 1922
(C) Partition of Bengal — 1885 (D) Chauri Chaura Incident — 1905

**Q073. [Class 8 History — Movements & Leaders] Which of the following pairs (Arya Samaj (1875), Bardoli Satyagraha (1928), Doctrine of Lapse, Subsidiary Alliance System) is NOT correctly matched?**
(A) Doctrine of Lapse — Lord Dalhousie (B) Subsidiary Alliance System — Lord Wellesley
(C) Bardoli Satyagraha (1928) — Sardar Vallabhbhai Patel (D) Arya Samaj (1875) — Sardar Vallabhbhai Patel

**Q074. [Class 8 Geography — Resources & Crops] Which of the following pairs (Bauxite Ore, Shifting Cultivation in North-East India, Kharif Crop, Solar & Wind Energy) is CORRECTLY matched?**
(A) Bauxite Ore — Aluminium (B) Solar & Wind Energy — Jhumming
(C) Kharif Crop — Renewable Resources (D) Shifting Cultivation in North-East India — Paddy (Rice) & Maize

**Q075. [Class 8 Geography — Resources & Crops] Which of the following pairs (Manchester of India, Rabi Crop, Zaid Crop, Solar & Wind Energy) is NOT correctly matched?**
(A) Solar & Wind Energy — Renewable Resources (B) Zaid Crop — Watermelon & Cucumber
(C) Manchester of India — Wheat & Mustard (D) Rabi Crop — Wheat & Mustard

**Q076. [Class 8 Geography — Resources & Crops] Which of the following pairs (Bauxite Ore, Kharif Crop, TISCO (1907) Steel Plant, Coal & Petroleum) is CORRECTLY matched?**
(A) Coal & Petroleum — Paddy (Rice) & Maize (B) TISCO (1907) Steel Plant — Non-Renewable Fossil Fuels
(C) Bauxite Ore — Aluminium (D) Kharif Crop — Jamshedpur (Sakchi)

**Q077. [Class 8 History — Movements & Leaders] Which of the following pairs (Doctrine of Lapse, Abolition of Sati (1829), Permanent Settlement (Zamindari System), Brahmo Samaj (1828)) is NOT correctly matched?**
(A) Abolition of Sati (1829) — Lord William Bentinck (B) Doctrine of Lapse — Lord William Bentinck
(C) Brahmo Samaj (1828) — Raja Ram Mohan Roy (D) Permanent Settlement (Zamindari System) — Lord Cornwallis

**Q078. [Class 8 Geography — Resources & Crops] Which of the following pairs (Rabi Crop, Laterite Soil, Solar & Wind Energy, Shifting Cultivation in North-East India) is CORRECTLY matched?**
(A) Shifting Cultivation in North-East India — Cashew, Tea & Coffee in heavy rain areas (B) Laterite Soil — Renewable Resources
(C) Rabi Crop — Wheat & Mustard (D) Solar & Wind Energy — Jhumming

**Q079. [Class 8 Geography — Resources & Crops] Which of the following pairs (Black Soil (Regur Soil), Laterite Soil, Zaid Crop, Bauxite Ore) is NOT correctly matched?**
(A) Laterite Soil — Cashew, Tea & Coffee in heavy rain areas
(B) Bauxite Ore — Aluminium
(C) Zaid Crop — Watermelon & Cucumber
(D) Black Soil (Regur Soil) — Cashew, Tea & Coffee in heavy rain areas

**Q080. [Class 8 History — Movements & Leaders] Which of the following pairs (Bardoli Satyagraha (1928), Ramakrishna Mission (1897), Brahmo Samaj (1828), Doctrine of Lapse) is NOT correctly matched?**
(A) Ramakrishna Mission (1897) — Swami Vivekananda
(B) Bardoli Satyagraha (1928) — Swami Vivekananda
(C) Doctrine of Lapse — Lord Dalhousie
(D) Brahmo Samaj (1828) — Raja Ram Mohan Roy

**Q081. [Class 8 Civics — Constitution & Polity] Which of the following pairs (First President of Constituent Assembly, Minimum Age for Rajya Sabha Member, Article 21A of Indian Constitution, Supreme Court of India Location) is NOT correctly matched?**
(A) Supreme Court of India Location — New Delhi
(B) Minimum Age for Rajya Sabha Member — 30 years
(C) First President of Constituent Assembly — 30 years
(D) Article 21A of Indian Constitution — Right to Free & Compulsory Education (6–14 yrs)

**Q082. [Class 8 History — Events & Years] Which of the following pairs (Non-Cooperation Movement, Adoption of the Indian Constitution, Battle of Plassey, Dandi March (Civil Disobedience Movement)) is CORRECTLY matched?**
(A) Adoption of the Indian Constitution — 1757
(B) Dandi March (Civil Disobedience Movement) — 1949
(C) Battle of Plassey — 1930
(D) Non-Cooperation Movement — 1920

**Q083. [Class 8 History — Events & Years] Which of the following pairs (Abolition of Sati, Permanent Settlement in Bengal, Formation of Indian National Congress, Battle of Plassey) is NOT correctly matched?**
(A) Permanent Settlement in Bengal — 1793
(B) Abolition of Sati — 1793
(C) Formation of Indian National Congress — 1885
(D) Battle of Plassey — 1757

**Q084. [Class 8 History — Movements & Leaders] Which of the following pairs (Champaran Satyagraha (1917), Bardoli Satyagraha (1928), Ramakrishna Mission (1897), Mahalwari System) is CORRECTLY matched?**
(A) Bardoli Satyagraha (1928) — Swami Vivekananda
(B) Champaran Satyagraha (1917) — Mahatma Gandhi
(C) Mahalwari System — Sardar Vallabhbhai Patel
(D) Ramakrishna Mission (1897) — Holt Mackenzie

**Q085. [Class 8 History — Movements & Leaders] Which of the following pairs (Champaran Satyagraha (1917), Azad Hind Fauj (INA), Mahalwari System, Brahmo Samaj (1828)) is CORRECTLY matched?**
(A) Champaran Satyagraha (1917) — Mahatma Gandhi
(B) Mahalwari System — Raja Ram Mohan Roy
(C) Brahmo Samaj (1828) — Subhas Chandra Bose
(D) Azad Hind Fauj (INA) — Holt Mackenzie

**Q086. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Chairman of Drafting Committee, Maximum Strength of Lok Sabha (elected), Article 32 of Indian Constitution, Supreme Court of India Location) is CORRECTLY matched?**
(A) Chairman of Drafting Committee — Dr. B.R. Ambedkar
(B) Article 32 of Indian Constitution — New Delhi
(C) Maximum Strength of Lok Sabha (elected) — Right to Constitutional Remedies
(D) Supreme Court of India Location — 543 members

**Q087. [Civics] Which of the following correctly describes 'Supreme Court of India Location'?**
(A) New Delhi
(B) 2005
(C) Dr. B.R. Ambedkar
(D) Municipalities (Urban Local Bodies)

**Q088. [Class 8 History — Events & Years] Which of the following pairs (Chauri Chaura Incident, Dandi March (Civil Disobedience Movement), Abolition of Sati, First War of Indian Independence (Revolt of 1857)) is CORRECTLY matched?**
(A) First War of Indian Independence (Revolt of 1857) — 1930
(B) Chauri Chaura Incident — 1922
(C) Abolition of Sati — 1857
(D) Dandi March (Civil Disobedience Movement) — 1829

**Q089. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Article 17 of Indian Constitution, Article 32 of Indian Constitution, Minimum Age for Rajya Sabha Member, Right to Information (RTI) Act) is NOT correctly matched?**
(A) Article 17 of Indian Constitution — Right to Constitutional Remedies
(B) Minimum Age for Rajya Sabha Member — 30 years
(C) Article 32 of Indian Constitution — Right to Constitutional Remedies
(D) Right to Information (RTI) Act — 2005

**Q090. [Class 8 History — Events & Years] Which of the following pairs (First War of Indian Independence (Revolt of 1857), Abolition of Sati, Enforcement of the Indian Constitution (Republic Day), Jallianwala Bagh Massacre) is NOT correctly matched?**
(A) Abolition of Sati — 1829
(B) First War of Indian Independence (Revolt of 1857) — 1829
(C) Enforcement of the Indian Constitution (Republic Day) — 1950
(D) Jallianwala Bagh Massacre — 1919

**Q091. [Class 8 Geography — Resources & Crops] Which of the following pairs (Rabi Crop, Black Soil (Regur Soil), Zaid Crop, Shifting Cultivation in North-East India) is CORRECTLY matched?**
(A) Black Soil (Regur Soil) — Watermelon & Cucumber
(B) Zaid Crop — Jhumming
(C) Rabi Crop — Wheat & Mustard
(D) Shifting Cultivation in North-East India — Cotton cultivation

**Q092. [Class 8 History — Events & Years] Which of the following pairs (Permanent Settlement in Bengal, Battle of Buxar, Chauri Chaura Incident, Non-Cooperation Movement) is NOT correctly matched?**
(A) Chauri Chaura Incident — 1922
(B) Permanent Settlement in Bengal — 1764
(C) Battle of Buxar — 1764
(D) Non-Cooperation Movement — 1920

**Q093. [Class 8 History — Events & Years] Which of the following pairs (Adoption of the Indian Constitution, Battle of Plassey, Permanent Settlement in Bengal, Quit India Movement) is CORRECTLY matched?**
(A) Battle of Plassey — 1793
(B) Quit India Movement — 1757
(C) Adoption of the Indian Constitution — 1949
(D) Permanent Settlement in Bengal — 1942

**Q094. [Class 8 Geography — Resources & Crops] Which of the following pairs (TISCO (1907) Steel Plant, Hematite & Magnetite, Shifting Cultivation in North-East India, Silicon Valley of India) is CORRECTLY matched?**
(A) Silicon Valley of India — Iron Ore
(B) Shifting Cultivation in North-East India — Bengaluru
(C) Hematite & Magnetite — Jhumming
(D) TISCO (1907) Steel Plant — Jamshedpur (Sakchi)

**Q095. [Class 8 Geography — Resources & Crops] Which of the following pairs (Coal & Petroleum, Bauxite Ore, Zaid Crop, Shifting Cultivation in North-East India) is NOT correctly matched?**
(A) Coal & Petroleum — Aluminium
(B) Bauxite Ore — Aluminium
(C) Shifting Cultivation in North-East India — Jhumming
(D) Zaid Crop — Watermelon & Cucumber

**Q096. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Article 32 of Indian Constitution, Protection of Women from Domestic Violence Act, Guardian of the Indian Constitution, Chairman of Drafting Committee) is CORRECTLY matched?**
(A) Chairman of Drafting Committee — 2005
(B) Article 32 of Indian Constitution — Right to Constitutional Remedies
(C) Protection of Women from Domestic Violence Act — Supreme Court
(D) Guardian of the Indian Constitution — Dr. B.R. Ambedkar

**Q097. [Class 8 Geography — Resources & Crops] Which of the following pairs (Solar & Wind Energy, Shifting Cultivation in North-East India, Black Soil (Regur Soil), Coal & Petroleum) is CORRECTLY matched?**
(A) Solar & Wind Energy — Renewable Resources
(B) Coal & Petroleum — Jhumming
(C) Black Soil (Regur Soil) — Non-Renewable Fossil Fuels
(D) Shifting Cultivation in North-East India — Cotton cultivation

**Q098. [Class 8 History — Events & Years] Which of the following pairs (Partition of Bengal, Formation of Indian National Congress, Non-Cooperation Movement, Abolition of Sati) is NOT correctly matched?**
(A) Non-Cooperation Movement — 1920
(B) Formation of Indian National Congress — 1885
(C) Partition of Bengal — 1885
(D) Abolition of Sati — 1829

**Q099. [Class 8 History — Movements & Leaders] Which of the following pairs (Mahalwari System, Abolition of Sati (1829), Brahmo Samaj (1828), Azad Hind Fauj (INA)) is CORRECTLY matched?**
(A) Mahalwari System — Holt Mackenzie
(B) Abolition of Sati (1829) — Raja Ram Mohan Roy
(C) Azad Hind Fauj (INA) — Lord William Bentinck
(D) Brahmo Samaj (1828) — Subhas Chandra Bose

**Q100. [Class 8 History — Movements & Leaders] Which of the following pairs (Khudai Khidmatgar Movement, Subsidiary Alliance System, Azad Hind Fauj (INA), Brahmo Samaj (1828)) is CORRECTLY matched?**
(A) Azad Hind Fauj (INA) — Raja Ram Mohan Roy
(B) Khudai Khidmatgar Movement — Khan Abdul Ghaffar Khan
(C) Subsidiary Alliance System — Subhas Chandra Bose
(D) Brahmo Samaj (1828) — Lord Wellesley

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

**Q101. Simplify in exponential form: (3^3 × 3^6) ÷ 3^6**
(A) 3^2
(B) 3^3
(C) 3^15
(D) 3^5

**Q102. Solve the linear equation for x: 11x + 19 = 239**
(A) x = 24
(B) x = 20
(C) x = 22
(D) x = 19

**Q103. A bag contains 10 red, 5 blue, and 9 green balls. Find the probability of drawing a red ball.**
(A) 9/24
(B) 5/24
(C) 11/25
(D) 5/12

**Q104. Simplify in exponential form: (4^4 × 4^4) ÷ 4^6**
(A) 4^2 (B) 4^4
(C) 4^14 (D) 4^1

**Q105. Solve the linear equation for x: 8x + 31 = 63**
(A) x = 3 (B) x = 8
(C) x = 4 (D) x = 6

**Q106. Solve the linear equation for x: 7x + 10 = 66**
(A) x = 7 (B) x = 8
(C) x = 12 (D) x = 10

**Q107. Solve the linear equation for x: 10x + 31 = 111**
(A) x = 10 (B) x = 12
(C) x = 8 (D) x = 7

**Q108. Find the Compound Interest on ₹5,000 at 10% per annum for 2 years compounded annually.**
(A) ₹1,150 (B) ₹6,050
(C) ₹1,050 (D) ₹1,000

**Q109. If 18 notebooks cost ₹130, how much will 126 notebooks cost?**
(A) ₹910 (B) ₹870
(C) ₹960 (D) ₹200

**Q110. If 24 notebooks cost ₹70, how much will 216 notebooks cost?**
(A) ₹590 (B) ₹680
(C) ₹160 (D) ₹630

**Q111. If 15 notebooks cost ₹100, how much will 120 notebooks cost?**
(A) ₹850 (B) ₹760
(C) ₹180 (D) ₹800

**Q112. If 15 notebooks cost ₹190, how much will 150 notebooks cost?**
(A) ₹290 (B) ₹1,950
(C) ₹1,860 (D) ₹1,900

**Q113. A bag contains 5 red, 3 blue, and 8 green balls. Find the probability of drawing a red ball.**
(A) 8/16 (B) 6/17
(C) 5/16 (D) 3/16

**Q114. Simplify in exponential form: (4^4 × 4^8) ÷ 4^8**
(A) 4^4 (B) 4^3
(C) 4^20 (D) 4^6

**Q115. Solve the linear equation for x: 2x + 32 = 72**
(A) x = 24 (B) x = 19
(C) x = 20 (D) x = 22

**Q116. Using algebraic identity $(a^2 - b^2)$, evaluate: $102^2 - 59^2$**
(A) 6,943 (B) 6,913
(C) 1,849 (D) 6,923

**Q117. Simplify in exponential form: (3^8 × 3^5) ÷ 3^7**
(A) 3^20 (B) 3^8
(C) 3^5 (D) 3^6

**Q118. If 14 notebooks cost ₹190, how much will 140 notebooks cost?**
(A) ₹1,950 (B) ₹1,900
(C) ₹290 (D) ₹1,860

**Q119. Solve the linear equation for x: 5x + 4 = 29**
(A) x = 9 (B) x = 7
(C) x = 4 (D) x = 5

**Q120. A bag contains 12 red, 7 blue, and 12 green balls. Find the probability of drawing a red ball.**
(A) 13/32 (B) 12/31*
(C) 7/31 (D) 12/31

**Q121. Find the area of a trapezium whose parallel sides are 28 cm and 35 cm and height is 34 cm.**
(A) 1071 sq.cm (B) 1059 sq.cm
(C) 1086 sq.cm (D) 2142 sq.cm

**Q122. Simplify in exponential form: (7^5 × 7^2) ÷ 7^6**
(A) 7^1* (B) 7^3
(C) 7^13 (D) 7^1

**Q123. Simplify in exponential form: (7^7 × 7^4) ÷ 7^4**
(A) 7^7 (B) 7^6
(C) 7^15 (D) 7^9

**Q124. Solve the linear equation for x: 2x + 5 = 25**
(A) x = 10 (B) x = 9
(C) x = 12 (D) x = 14

**Q125. Find the area of a trapezium whose parallel sides are 30 cm and 38 cm and height is 16 cm.**
(A) 544 sq.cm (B) 559 sq.cm
(C) 532 sq.cm (D) 1088 sq.cm

**Q126. Find the square root of 41,209.**
(A) 203 (B) 205
(C) 204 (D) 202

**Q127. Simplify in exponential form: (6^3 × 6^7) ÷ 6^8**
(A) 6^4 (B) 6^18
(C) 6^2 (D) 6^1

**Q128. Using algebraic identity $(a^2 - b^2)$, evaluate: $107^2 - 27^2$**
(A) 10,740 (B) 10,710
(C) 10,720 (D) 6,400

**Q129. Using algebraic identity $(a^2 - b^2)$, evaluate: $108^2 - 77^2$**
(A) 5,755 (B) 5,725
(C) 961 (D) 5,735

**Q130. A bag contains 7 red, 5 blue, and 5 green balls. Find the probability of drawing a red ball.**
(A) 5/17 (B) 7/17
(C) 8/18 (D) 7/17*

**Q131. Find the area of a trapezium whose parallel sides are 13 cm and 28 cm and height is 26 cm.**
(A) 521 sq.cm (B) 1066 sq.cm
(C) 548 sq.cm (D) 533 sq.cm

**Q132. Find the area of a trapezium whose parallel sides are 30 cm and 24 cm and height is 28 cm.**
(A) 744 sq.cm (B) 756 sq.cm
(C) 1512 sq.cm (D) 771 sq.cm

**Q133. Find the square root of 1,444.**
(A) 37 (B) 38
(C) 40 (D) 39

**Q134. Solve the linear equation for x: 8x + 34 = 226**
(A) x = 28 (B) x = 23
(C) x = 24 (D) x = 26

**Q135. Find the square root of 133,225.**
(A) 366 (B) 364
(C) 367 (D) 365

**Q136. Find the area of a trapezium whose parallel sides are 22 cm and 26 cm and height is 14 cm.**
(A) 324 sq.cm (B) 336 sq.cm
(C) 351 sq.cm (D) 672 sq.cm

**Q137. If 19 notebooks cost ₹160, how much will 114 notebooks cost?**
(A) ₹920 (B) ₹960
(C) ₹220 (D) ₹1,010

**Q138. Using algebraic identity $(a^2 - b^2)$, evaluate: $41^2 - 28^2$**
(A) 169 (B) 887
(C) 917 (D) 897

**Q139. If 11 notebooks cost ₹230, how much will 22 notebooks cost?**
(A) ₹460 (B) ₹420
(C) ₹250 (D) ₹510

**Q140. If 11 notebooks cost ₹270, how much will 66 notebooks cost?**
(A) ₹1,670 (B) ₹330
(C) ₹1,580 (D) ₹1,620

**Q141. A bag contains 2 red, 2 blue, and 2 green balls. Find the probability of drawing a red ball.**
(A) 3/7 (B) 2/6
(C) 1/3 (D) 1/3*

**Q142. Find the square root of 56,169.**
(A) 237 (B) 239
(C) 236 (D) 238

**Q143. Simplify in exponential form: (8^4 × 8^5) ÷ 8^5**
(A) 8^4 (B) 8^3
(C) 8^14 (D) 8^6

**Q144. Using algebraic identity $(a^2 - b^2)$, evaluate: $107^2 - 70^2$**
(A) 6,569 (B) 6,539
(C) 6,549 (D) 1,369

**Q145. Find the area of a trapezium whose parallel sides are 23 cm and 28 cm and height is 10 cm.**
(A) 243 sq.cm (B) 270 sq.cm
(C) 255 sq.cm (D) 510 sq.cm

**Q146. Solve the linear equation for x: 9x + 18 = 36**
(A) x = 2 (B) x = 6
(C) x = 1 (D) x = 4

**Q147. Solve the linear equation for x: 3x + 16 = 79**
(A) x = 20 (B) x = 21
(C) x = 25 (D) x = 23

**Q148. A bag contains 12 red, 8 blue, and 7 green balls. Find the probability of drawing a red ball.**
(A) 13/28 (B) 4/9
(C) 7/27 (D) 8/27

**Q149. Simplify in exponential form: (6^5 × 6^8) ÷ 6^11**
(A) 6^4 (B) 6^1
(C) 6^24 (D) 6^2

**Q150. If 13 notebooks cost ₹230, how much will 130 notebooks cost?**
(A) ₹2,260 (B) ₹2,350
(C) ₹2,300 (D) ₹330

**Q151. [Class 8 Physics] Which of the following pairs (Hertz (Hz), Static Friction, 20 Hz to 20,000 Hz, Newton (N)) is NOT correctly matched?**
(A) Hertz (Hz) — Greater than sliding and rolling friction
(B) 20 Hz to 20,000 Hz — Audible frequency range for human ear
(C) Newton (N) — SI unit of Force
(D) Static Friction — Greater than sliding and rolling friction

**Q152. [Class 8 Chemistry] Which of the following pairs (Copper Sulphate + Zinc, Mercury, Blue Zone (Outer Zone), Acid Rain) is CORRECTLY matched?**
(A) Blue Zone (Outer Zone) — Caused by oxides of Sulphur and Nitrogen
(B) Mercury — Hottest part of a candle flame (complete combustion)
(C) Acid Rain — Only metal that is liquid at room temperature
(D) Copper Sulphate + Zinc — Zinc displaces Copper (Displacement Reaction)

**Q153. [Class 8 Biology] Which of the following pairs (Chloroplast, Cell Wall, Amoeba, Thyroxine) is CORRECTLY matched?**
(A) Chloroplast — Photosynthesis in green plant cells
(B) Amoeba — Hormone secreted by Thyroid gland (requires Iodine)
(C) Cell Wall — Reproduces asexually by Binary Fission
(D) Thyroxine — Rigid outer covering present only in plant cells

**Q154. [Class 8 Chemistry] Which of the following pairs (Electroplating, Copper Sulphate + Zinc, Coal Tar, Mercury) is NOT correctly matched?**
(A) Copper Sulphate + Zinc — Zinc displaces Copper (Displacement Reaction)
(B) Electroplating — Zinc displaces Copper (Displacement Reaction)
(C) Mercury — Only metal that is liquid at room temperature
(D) Coal Tar — Thick black liquid used to make naphthalene balls

**Q155. [Physics Numerical] A pendulum makes 260 oscillations in 4 seconds. Find its frequency.**
(A) 65 Hz
(B) 60 Hz
(C) 75 Hz
(D) 1040 Hz

**Q156. [Class 8 Physics] Which of the following pairs (Angle of Incidence = Angle of Reflection, Amplitude of Vibration, Decibel (dB), Newton (N)) is CORRECTLY matched?**
(A) Amplitude of Vibration — Unit used to measure loudness of sound
(B) Decibel (dB) — SI unit of Force
(C) Angle of Incidence = Angle of Reflection — First Law of Reflection of Light
(D) Newton (N) — Determines the loudness of sound

**Q157. [Class 8 Chemistry] Which of the following pairs (Graphite, Copper Sulphate + Zinc, Acid Rain, Mercury) is CORRECTLY matched?**
(A) Mercury — Zinc displaces Copper (Displacement Reaction)
(B) Copper Sulphate + Zinc — Caused by oxides of Sulphur and Nitrogen
(C) Graphite — Non-metal that conducts electricity
(D) Acid Rain — Only metal that is liquid at room temperature

**Q158. [Class 8 Physics] Which of the following pairs (Newton (N), Hertz (Hz), Lightning Conductor, Angle of Incidence = Angle of Reflection) is NOT correctly matched?**
(A) Newton (N) — SI unit of Frequency (1 oscillation per second)
(B) Angle of Incidence = Angle of Reflection — First Law of Reflection of Light
(C) Lightning Conductor — Copper rod protecting tall buildings from lightning
(D) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)

**Q159. [Class 8 Biology] Which of the following pairs (Rhizobium bacteria, Edward Jenner, Lactobacillus, Cell Wall) is CORRECTLY matched?**
(A) Cell Wall — Discovery of Smallpox Vaccine
(B) Rhizobium bacteria — Nitrogen fixation in leguminous plant roots
(C) Edward Jenner — Conversion of milk into curd
(D) Lactobacillus — Rigid outer covering present only in plant cells

**Q160. [Physics] What does 'Ball Bearings' represent?**
(A) Determines the pitch (shrillness) of sound
(B) Tactile reading system for visually impaired persons
(C) Used to convert sliding friction into rolling friction
(D) First Law of Reflection of Light

**Q161. [Class 8 Biology] Which of the following pairs (Lactobacillus, Amoeba, Mitochondria, Penicillin (1928)) is CORRECTLY matched?**
(A) Penicillin (1928) — Reproduces asexually by Binary Fission
(B) Amoeba — Powerhouse of the Cell (ATP synthesis)
(C) Lactobacillus — Conversion of milk into curd
(D) Mitochondria — First antibiotic discovered by Alexander Fleming

**Q162. [Class 8 Biology] Which of the following pairs (Amoeba, Louis Pasteur, Edward Jenner, Mitochondria) is NOT correctly matched?**
(A) Mitochondria — Powerhouse of the Cell (ATP synthesis)
(B) Louis Pasteur — Discovery of Fermentation & Pasteurization
(C) Amoeba — Discovery of Fermentation & Pasteurization
(D) Edward Jenner — Discovery of Smallpox Vaccine

**Q163. [Class 8 Physics] Which of the following pairs (Hertz (Hz), Frequency of Vibration, Pascal (Pa), Ball Bearings) is NOT correctly matched?**
(A) Ball Bearings — Used to convert sliding friction into rolling friction
(B) Frequency of Vibration — Determines the pitch (shrillness) of sound
(C) Pascal (Pa) — SI unit of Pressure (Force / Area)
(D) Hertz (Hz) — Determines the pitch (shrillness) of sound

**Q164. [Class 8 Chemistry] Which of the following pairs (Sulfurous Acid ($H_2SO_3$), Bromine, Phosphorus, Electroplating) is NOT correctly matched?**
(A) Bromine — Only non-metal that is liquid at room temperature
(B) Electroplating — Coating Chromium on iron to prevent rusting
(C) Phosphorus — Non-metal stored in water to prevent ignition in air
(D) Sulfurous Acid ($H_2SO_3$) — Only non-metal that is liquid at room temperature

**Q165. [Class 8 Biology] Which of the following pairs (Nucleus, Amoeba, Mitochondria, Hydra & Yeast) is NOT correctly matched?**
(A) Amoeba — Reproduces asexually by Binary Fission
(B) Nucleus — Reproduces asexually by Binary Fission
(C) Mitochondria — Powerhouse of the Cell (ATP synthesis)
(D) Hydra & Yeast — Reproduce asexually by Budding

**Q166. [Class 8 Biology] Which of the following pairs (Adrenaline, Nucleus, Mitochondria, Chloroplast) is CORRECTLY matched?**
(A) Chloroplast — Control centre of the cell containing chromosomes
(B) Mitochondria — Photosynthesis in green plant cells
(C) Adrenaline — Emergency hormone secreted by Adrenal glands
(D) Nucleus — Powerhouse of the Cell (ATP synthesis)

**Q167. [Physics Numerical] A force of 100 N acts on an area of 5 $m^2$. Calculate the pressure exerted.**
(A) 25 Pa
(B) 500 Pa
(C) 17 Pa
(D) 20 Pa

**Q168. [Physics Numerical] A pendulum makes 280 oscillations in 2 seconds. Find its frequency.**
(A) 560 Hz
(B) 135 Hz
(C) 140 Hz
(D) 150 Hz

**Q169. [Class 8 Chemistry] Which of the following pairs (CNG (Compressed Natural Gas), Diamond, Acid Rain, Sulfurous Acid ($H_2SO_3$)) is NOT correctly matched?**
(A) Sulfurous Acid ($H_2SO_3$) — Formed when non-metal oxide $SO_2$ dissolves in water
(B) CNG (Compressed Natural Gas) — Hardest natural allotrope of Carbon
(C) Diamond — Hardest natural allotrope of Carbon
(D) Acid Rain — Caused by oxides of Sulphur and Nitrogen

**Q170. [Class 8 Chemistry] Which of the following pairs (Graphite, Gold & Platinum, Bromine, Electroplating) is NOT correctly matched?**
(A) Bromine — Only non-metal that is liquid at room temperature
(B) Gold & Platinum — Least reactive noble metals used in jewellery
(C) Electroplating — Coating Chromium on iron to prevent rusting
(D) Graphite — Least reactive noble metals used in jewellery

**Q171. [Class 8 Chemistry] Which of the following pairs (Acid Rain, Mercury, Bromine, Sodium & Potassium) is CORRECTLY matched?**
(A) Mercury — Only non-metal that is liquid at room temperature
(B) Sodium & Potassium — Only metal that is liquid at room temperature
(C) Bromine — Highly reactive metals stored in kerosene
(D) Acid Rain — Caused by oxides of Sulphur and Nitrogen

**Q172. [Biology] What is 'Louis Pasteur' known for in Class 8 Science?**
(A) Emergency hormone secreted by Adrenal glands
(B) Rigid outer covering present only in plant cells
(C) Conversion of milk into curd
(D) Discovery of Fermentation & Pasteurization

**Q173. [Class 8 Chemistry] Which of the following pairs (Electroplating, Gold & Platinum, Mercury, Copper Sulphate + Zinc) is NOT correctly matched?**
(A) Electroplating — Least reactive noble metals used in jewellery
(B) Copper Sulphate + Zinc — Zinc displaces Copper (Displacement Reaction)
(C) Gold & Platinum — Least reactive noble metals used in jewellery
(D) Mercury — Only metal that is liquid at room temperature

**Q174. [Class 8 Chemistry] Which of the following pairs (Graphite, Blue Zone (Outer Zone), CNG (Compressed Natural Gas), Acid Rain) is NOT correctly matched?**
(A) Graphite — Hottest part of a candle flame (complete combustion)
(B) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(C) Blue Zone (Outer Zone) — Hottest part of a candle flame (complete combustion)
(D) Acid Rain — Caused by oxides of Sulphur and Nitrogen

**Q175. [Physics Numerical] A force of 310 N acts on an area of 4 $m^2$. Calculate the pressure exerted.**
(A) 1240 Pa
(B) 74 Pa
(C) 77 Pa
(D) 82 Pa

**Q176. [Class 8 Physics] Which of the following pairs (Retina, Amplitude of Vibration, Lightning Conductor, 20 Hz to 20,000 Hz) is CORRECTLY matched?**
(A) Retina — Light-sensitive screen at the back of the human eye
(B) Lightning Conductor — Audible frequency range for human ear
(C) Amplitude of Vibration — Copper rod protecting tall buildings from lightning
(D) 20 Hz to 20,000 Hz — Determines the loudness of sound

**Q177. [Class 8 Physics] Which of the following pairs (20 Hz to 20,000 Hz, Frequency of Vibration, Newton (N), Angle of Incidence = Angle of Reflection) is CORRECTLY matched?**
(A) Angle of Incidence = Angle of Reflection — Determines the pitch (shrillness) of sound
(B) Frequency of Vibration — SI unit of Force
(C) 20 Hz to 20,000 Hz — Audible frequency range for human ear
(D) Newton (N) — First Law of Reflection of Light

**Q178. [Class 8 Biology] Which of the following pairs (Mitochondria, Insulin, Nucleus, Lactobacillus) is NOT correctly matched?**

(A) Nucleus — Control centre of the cell containing chromosomes
(B) Insulin — Hormone secreted by Pancreas to control blood sugar
(C) Mitochondria — Hormone secreted by Pancreas to control blood sugar
(D) Lactobacillus — Conversion of milk into curd

**Q179. [Class 8 Physics] Which of the following pairs (Ball Bearings, Lightning Conductor, Braille System, Decibel (dB)) is NOT correctly matched?**

(A) Decibel (dB) — Unit used to measure loudness of sound
(B) Braille System — Tactile reading system for visually impaired persons
(C) Lightning Conductor — Copper rod protecting tall buildings from lightning
(D) Ball Bearings — Copper rod protecting tall buildings from lightning

**Q180. [Class 8 Biology] Which of the following pairs (Chloroplast, Cell Wall, Thyroxine, Amoeba) is NOT correctly matched?**

(A) Cell Wall — Rigid outer covering present only in plant cells
(B) Chloroplast — Rigid outer covering present only in plant cells
(C) Amoeba — Reproduces asexually by Binary Fission
(D) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)

**Q181. [Class 8 Biology] Which of the following pairs (Hydra & Yeast, Penicillin (1928), Louis Pasteur, Nucleus) is NOT correctly matched?**

(A) Hydra & Yeast — First antibiotic discovered by Alexander Fleming
(B) Nucleus — Control centre of the cell containing chromosomes
(C) Penicillin (1928) — First antibiotic discovered by Alexander Fleming
(D) Louis Pasteur — Discovery of Fermentation & Pasteurization

**Q182. [Class 8 Chemistry] Which of the following pairs (Copper Sulphate + Zinc, CNG (Compressed Natural Gas), Carbon Dioxide ($CO_2$), Coal Tar) is CORRECTLY matched?**

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

**Q183. [Class 8 Biology] Which of the following pairs (Lactobacillus, Amoeba, Plasmodium (Malaria), Edward Jenner) is CORRECTLY matched?**

(A) Amoeba — Transmitted by female Anopheles mosquito
(B) Plasmodium (Malaria) — Discovery of Smallpox Vaccine
(C) Lactobacillus — Conversion of milk into curd
(D) Edward Jenner — Reproduces asexually by Binary Fission

**Q184. [Class 8 Chemistry] Which of the following pairs (Blue Zone (Outer Zone), Gold & Platinum, Bromine, Diamond) is NOT correctly matched?**

(A) Blue Zone (Outer Zone) — Least reactive noble metals used in jewellery
(B) Diamond — Hardest natural allotrope of Carbon
(C) Bromine — Only non-metal that is liquid at room temperature
(D) Gold & Platinum — Least reactive noble metals used in jewellery

**Q185. [Class 8 Physics] Which of the following pairs (Decibel (dB), Retina, Hertz (Hz), Lightning Conductor) is NOT correctly matched?**

(A) Lightning Conductor — Copper rod protecting tall buildings from lightning
(B) Retina — Light-sensitive screen at the back of the human eye
(C) Decibel (dB) — Light-sensitive screen at the back of the human eye
(D) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)

**Q186. [Physics Numerical] A force of 140 N acts on an area of 2 $m^2$. Calculate the pressure exerted.**

(A) 280 Pa
(B) 67 Pa
(C) 70 Pa
(D) 75 Pa

**Q187. [Class 8 Physics] Which of the following pairs (20 Hz to 20,000 Hz, Braille System, Ball Bearings, Pascal (Pa)) is CORRECTLY matched?**

(A) Braille System — Used to convert sliding friction into rolling friction
(B) 20 Hz to 20,000 Hz — Audible frequency range for human ear
(C) Pascal (Pa) — Tactile reading system for visually impaired persons
(D) Ball Bearings — SI unit of Pressure (Force / Area)

**Q188. [Class 8 Physics] Which of the following pairs (Decibel (dB), Newton (N), Ball Bearings, Angle of Incidence = Angle of Reflection) is CORRECTLY matched?**

(A) Newton (N) — Used to convert sliding friction into rolling friction
(B) Ball Bearings — First Law of Reflection of Light
(C) Decibel (dB) — Unit used to measure loudness of sound
(D) Angle of Incidence = Angle of Reflection — SI unit of Force

**Q189. [Class 8 Chemistry] Which of the following pairs (Carbon Dioxide ($CO_2$), Electroplating, Sodium & Potassium, Gold & Platinum) is NOT correctly matched?**

(A) Carbon Dioxide ($CO_2$) — Coating Chromium on iron to prevent rusting
(B) Gold & Platinum — Least reactive noble metals used in jewellery
(C) Electroplating — Coating Chromium on iron to prevent rusting
(D) Sodium & Potassium — Highly reactive metals stored in kerosene

**Q190. [Class 8 Physics] Which of the following pairs (Ball Bearings, 90° Angle between two plane mirrors, Static Friction, Amplitude of Vibration) is NOT correctly matched?**

(A) Amplitude of Vibration — Determines the loudness of sound
(B) Ball Bearings — Forms 3 images (360/90 – 1)
(C) 90° Angle between two plane mirrors — Forms 3 images (360/90 – 1)
(D) Static Friction — Greater than sliding and rolling friction

**Q191. [Class 8 Physics] Which of the following pairs (Retina, Lightning Conductor, Static Friction, Frequency of Vibration) is CORRECTLY matched?**

(A) Frequency of Vibration — Copper rod protecting tall buildings from lightning
(B) Retina — Light-sensitive screen at the back of the human eye
(C) Static Friction — Determines the pitch (shrillness) of sound
(D) Lightning Conductor — Greater than sliding and rolling friction

**Q192. [Class 8 Physics] Which of the following pairs (Newton (N), Static Friction, Frequency of Vibration, Lightning Conductor) is CORRECTLY matched?**

(A) Static Friction — Determines the pitch (shrillness) of sound
(B) Frequency of Vibration — Copper rod protecting tall buildings from lightning
(C) Newton (N) — SI unit of Force
(D) Lightning Conductor — Greater than sliding and rolling friction

**Q193. [Class 8 Biology] Which of the following pairs (Plasmodium (Malaria), Thyroxine, Adrenaline, Hydra & Yeast) is NOT correctly matched?**

(A) Plasmodium (Malaria) — Hormone secreted by Thyroid gland (requires Iodine)
(B) Adrenaline — Emergency hormone secreted by Adrenal glands
(C) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)
(D) Hydra & Yeast — Reproduce asexually by Budding

**Q194. [Class 8 Biology] Which of the following pairs (Insulin, Penicillin (1928), Hydra & Yeast, Edward Jenner) is CORRECTLY matched?**

(A) Hydra & Yeast — Discovery of Smallpox Vaccine
(B) Insulin — Hormone secreted by Pancreas to control blood sugar
(C) Edward Jenner — First antibiotic discovered by Alexander Fleming
(D) Penicillin (1928) — Reproduce asexually by Budding

**Q195. [Class 8 Biology] Which of the following pairs (Chloroplast, Nucleus, Amoeba, Edward Jenner) is NOT correctly matched?**

(A) Edward Jenner — Discovery of Smallpox Vaccine
(B) Amoeba — Reproduces asexually by Binary Fission
(C) Nucleus — Control centre of the cell containing chromosomes
(D) Chloroplast — Control centre of the cell containing chromosomes

**Q196. [Class 8 Chemistry] Which of the following pairs (Mercury, Sodium & Potassium, Electroplating, CNG (Compressed Natural Gas)) is NOT correctly matched?**

(A) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(B) Electroplating — Coating Chromium on iron to prevent rusting
(C) Sodium & Potassium — Highly reactive metals stored in kerosene
(D) Mercury — Highly reactive metals stored in kerosene

**Q197. [Class 8 Chemistry] Which of the following pairs (Carbon Dioxide ($CO_2$), Gold & Platinum, CNG (Compressed Natural Gas), Copper Sulphate + Zinc) is NOT correctly matched?**

(A) Copper Sulphate + Zinc — Zinc displaces Copper (Displacement Reaction)
(B) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(C) Gold & Platinum — Least reactive noble metals used in jewellery
(D) Carbon Dioxide ($CO_2$) — Least reactive noble metals used in jewellery

**Q198. [Class 8 Biology] Which of the following pairs (Adrenaline, Nucleus, Lactobacillus, Penicillin (1928)) is CORRECTLY matched?**

(A) Lactobacillus — First antibiotic discovered by Alexander Fleming
(B) Adrenaline — Emergency hormone secreted by Adrenal glands
(C) Nucleus — Conversion of milk into curd
(D) Penicillin (1928) — Control centre of the cell containing chromosomes

**Q199. [Class 8 Chemistry] Which of the following pairs (CNG (Compressed Natural Gas), Copper Sulphate + Zinc, Sulfurous Acid ($H_2SO_3$), Coal Tar) is CORRECTLY matched?**

(A) Coal Tar — Zinc displaces Copper (Displacement Reaction)
(B) Copper Sulphate + Zinc — Formed when non-metal oxide $SO_2$ dissolves in water
(C) Sulfurous Acid ($H_2SO_3$) — Thick black liquid used to make naphthalene balls
(D) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)

**Q200. [Class 8 Chemistry] Which of the following pairs (Gold & Platinum, CNG (Compressed Natural Gas), Bromine, Acid Rain) is NOT correctly matched?**

(A) Gold & Platinum — Cleanest gaseous fossil fuel (mainly Methane)
(B) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(C) Bromine — Only non-metal that is liquid at room temperature
(D) Acid Rain — Caused by oxides of Sulphur and Nitrogen

## OMR ANSWER SHEET — 200 QUESTIONS (CLASS IX SET 027) • 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 027

TYBA COACHING CENTRE, AJMER • Layout: Paper-Wise 4-Block Key • Distribution: A: 47 | B: 48 | C: 59 | D: 46

Narayan Sir
6367029449

| PAPER 1: ENG (Q001–050) | |
|---|---|
| **001**: (D) | **026**: (B) |
| **002**: (C) | **027**: (C) |
| **003**: (C) | **028**: (D) |
| **004**: (B) | **029**: (B) |
| **005**: (C) | **030**: (C) |
| **006**: (B) | **031**: (C) |
| **007**: (B) | **032**: (D) |
| **008**: (B) | **033**: (C) |
| **009**: (D) | **034**: (B) |
| **010**: (D) | **035**: (A) |
| **011**: (C) | **036**: (D) |
| **012**: (B) | **037**: (C) |
| **013**: (A) | **038**: (C) |
| **014**: (B) | **039**: (B) |
| **015**: (B) | **040**: (A) |
| **016**: (D) | **041**: (D) |
| **017**: (A) | **042**: (C) |
| **018**: (D) | **043**: (C) |
| **019**: (C) | **044**: (B) |
| **020**: (C) | **045**: (C) |
| **021**: (A) | **046**: (C) |
| **022**: (D) | **047**: (D) |
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| **024**: (C) | **049**: (D) |
| **025**: (A) | **050**: (C) |

| PAPER 1: HIN + SST (Q051–100) | |
|---|---|
| **051**: (A) | **076**: (C) |
| **052**: (C) | **077**: (B) |
| **053**: (B) | **078**: (C) |
| **054**: (B) | **079**: (D) |
| **055**: (A) | **080**: (B) |
| **056**: (D) | **081**: (C) |
| **057**: (C) | **082**: (D) |
| **058**: (A) | **083**: (B) |
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| **061**: (D) | **086**: (A) |
| **062**: (A) | **087**: (A) |
| **063**: (B) | **088**: (B) |
| **064**: (C) | **089**: (A) |
| **065**: (C) | **090**: (B) |
| **066**: (C) | **091**: (C) |
| **067**: (D) | **092**: (B) |
| **068**: (A) | **093**: (C) |
| **069**: (A) | **094**: (D) |
| **070**: (C) | **095**: (A) |
| **071**: (A) | **096**: (B) |
| **072**: (A) | **097**: (A) |
| **073**: (D) | **098**: (C) |
| **074**: (A) | **099**: (A) |
| **075**: (C) | **100**: (B) |

| PAPER 2: MATH (Q101–150) | |
|---|---|
| **101**: (B) | **126**: (A) |
| **102**: (B) | **127**: (C) |
| **103**: (D) | **128**: (C) |
| **104**: (A) | **129**: (D) |
| **105**: (C) | **130**: (B) |
| **106**: (B) | **131**: (D) |
| **107**: (C) | **132**: (B) |
| **108**: (C) | **133**: (B) |
| **109**: (A) | **134**: (C) |
| **110**: (D) | **135**: (D) |
| **111**: (D) | **136**: (B) |
| **112**: (D) | **137**: (B) |
| **113**: (C) | **138**: (D) |
| **114**: (A) | **139**: (A) |
| **115**: (C) | **140**: (D) |
| **116**: (D) | **141**: (C) |
| **117**: (D) | **142**: (A) |
| **118**: (B) | **143**: (A) |
| **119**: (D) | **144**: (C) |
| **120**: (D) | **145**: (C) |
| **121**: (A) | **146**: (A) |
| **122**: (D) | **147**: (B) |
| **123**: (A) | **148**: (B) |
| **124**: (A) | **149**: (D) |
| **125**: (A) | **150**: (C) |

| PAPER 2: SCIENCE (Q151–200) | |
|---|---|
| **151**: (A) | **176**: (A) |
| **152**: (D) | **177**: (C) |
| **153**: (A) | **178**: (C) |
| **154**: (B) | **179**: (D) |
| **155**: (A) | **180**: (B) |
| **156**: (C) | **181**: (A) |
| **157**: (C) | **182**: (B) |
| **158**: (A) | **183**: (C) |
| **159**: (B) | **184**: (A) |
| **160**: (C) | **185**: (C) |
| **161**: (C) | **186**: (C) |
| **162**: (C) | **187**: (B) |
| **163**: (D) | **188**: (C) |
| **164**: (D) | **189**: (A) |
| **165**: (B) | **190**: (B) |
| **166**: (C) | **191**: (B) |
| **167**: (D) | **192**: (C) |
| **168**: (C) | **193**: (A) |
| **169**: (B) | **194**: (B) |
| **170**: (D) | **195**: (D) |
| **171**: (D) | **196**: (D) |
| **172**: (D) | **197**: (D) |
| **173**: (A) | **198**: (B) |
| **174**: (A) | **199**: (D) |
| **175**: (C) | **200**: (A) |