RASHTRIYA MILITARY SCHOOL (RMS CET) CLASS IX — MODEL PAPER SET 007

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. Choose the grammatically correct option: Neither Deepak nor his teammates ___ responsible for the delay.
(A) are (B) has
(C) was (D) is

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

Q003. Convert into Simple Future Tense: 'Pooja studied an article.'
(A) Pooja is studying an article. (B) Pooja studies an article.
(C) Pooja has studied an article. (D) Pooja will study an article.

Q004. Change into Passive Voice: 'Mohit built the plan.'
(A) The plan is built by Mohit. (B) The plan were built by Mohit.
(C) The plan had built by Mohit. (D) The plan was built by Mohit.

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

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

Q007. Change into Passive Voice: 'Amit designed the equation.'
(A) The equation has designed by Amit. (B) The equation was designed by Amit.
(C) The equation were designed by Amit. (D) The equation is designed by Amit.

Q008. Change into Passive Voice: 'Meera wrote the plan.'
(A) The plan were written by Meera. (B) The plan is written by Meera.
(C) The plan was written by Meera. (D) The plan has written by Meera.

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

Q010. Identify the tense of: 'Ananya has prepared a diagram.'
(A) Simple Future Tense (B) Simple Past Tense
(C) Present Continuous Tense (D) Present Perfect Tense

Q011. Identify the tense of: 'Rohan has completed a novel.'
(A) Simple Past Tense (B) Present Continuous Tense
(C) Simple Future Tense (D) Present Perfect Tense

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

Q013. Convert into Simple Future Tense: 'Arjun wrote a novel.'
(A) Arjun has written a novel. (B) Arjun writes a novel.
(C) Arjun will write a novel. (D) Arjun is writing a novel.

Q014. Convert into Simple Future Tense: 'Shreya prepared a diagram.'
(A) Shreya is preparing a diagram. (B) Shreya prepares a diagram.
(C) Shreya will prepare a diagram. (D) Shreya has prepared a diagram.

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

Q016. Choose the grammatically correct option: Sumit insisted ___ paying the bill himself.
(A) to (B) for
(C) on (D) at

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

Q018. Convert into Simple Future Tense: 'Ananya completed a speech.'
(A) Ananya has completed a speech. (B) Ananya is completing a speech.
(C) Ananya will complete a speech. (D) Ananya completes a speech.

Q019. Convert into Simple Future Tense: 'Manish studied a chart.'
(A) Manish studies a chart. (B) Manish has studied a chart.
(C) Manish is studying a chart. (D) Manish will study a chart.

Q020. Change into Passive Voice: 'Karan designed the chart.'
(A) The chart was designed by Karan. (B) The chart were designed by Karan.
(C) The chart has designed by Karan. (D) The chart is designed by Karan.

Q021. Change into Passive Voice: 'Aditya built the report.'
(A) The report was built by Aditya. (B) The report were built by Aditya.
(C) The report had built by Aditya. (D) The report is built by Aditya.

Q022. Choose the grammatically correct option: She prevented Divya ___ entering the restricted zone.
(A) of (B) from
(C) against (D) to

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

Q024. Change into Passive Voice: 'Arjun built the report.'
(A) The report were built by Arjun. (B) The report is built by Arjun.
(C) The report had built by Arjun. (D) The report was built by Arjun.

Q025. Change into Passive Voice: 'Rajesh painted the model.'
(A) The model had painted by Rajesh. (B) The model is painted by Rajesh.
(C) The model was painted by Rajesh. (D) The model were painted by Rajesh.

Q026. Choose the grammatically correct option: Although Shreya tried his best, ___ he could not finish first.
(A) therefore (B) yet
(C) but (D) so

Q027. Identify the tense of: 'Rohan has completed a summary.'
(A) Simple Future Tense (B) Present Perfect Tense
(C) Simple Past Tense (D) Present Continuous Tense

Q028. Change into Passive Voice: 'Nitin built the portrait.'
(A) The portrait is built by Nitin. (B) The portrait had built by Nitin.
(C) The portrait were built by Nitin. (D) The portrait was built by Nitin.

Q029. Change into Passive Voice: 'Kiran solved the plan.'
(A) The plan is solved by Kiran. (B) The plan were solved by Kiran.
(C) The plan had solved by Kiran. (D) The plan was solved by Kiran.

Q030. Change into Passive Voice: 'Rekha solved the bridge.'
(A) The bridge had solved by Rekha. (B) The bridge is solved by Rekha.
(C) The bridge were solved by Rekha. (D) The bridge was solved by Rekha.

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

Q032. Change into Passive Voice: 'Pranav built the plan.'
(A) The plan was built by Pranav. (B) The plan had built by Pranav.
(C) The plan were built by Pranav. (D) The plan is built by Pranav.

Q033. Identify the tense of: 'Kavya has read a speech.'
(A) Simple Past Tense (B) Simple Future Tense
(C) Present Perfect Tense (D) Present Continuous Tense

Q034. Change into Passive Voice: 'Siddharth wrote the bridge.'
(A) The bridge has written by Siddharth. (B) The bridge was written by Siddharth.
(C) The bridge is written by Siddharth. (D) The bridge were written by Siddharth.

Q035. Change into Passive Voice: 'Rohan solved the bridge.'
(A) The bridge was solved by Rohan. (B) The bridge were solved by Rohan.
(C) The bridge is solved by Rohan. (D) The bridge had solved by Rohan.

Q036. Convert into Simple Future Tense: 'Nikhil wrote a novel.'
(A) Nikhil has written a novel. (B) Nikhil will write a novel.
(C) Nikhil is writing a novel. (D) Nikhil writes a novel.

Q037. Convert into Simple Future Tense: 'Aarav completed a poem.'
(A) Aarav is completing a poem. (B) Aarav completes a poem.
(C) Aarav will complete a poem. (D) Aarav has completed a poem.

Q038. Change into Passive Voice: 'Rohan built the report.'
(A) The report were built by Rohan. (B) The report was built by Rohan.
(C) The report had built by Rohan. (D) The report is built by Rohan.

Q039. Change into Passive Voice: 'Meera built the essay.'
(A) The essay is built by Meera. (B) The essay were built by Meera.
(C) The essay was built by Meera. (D) The essay had built by Meera.

Q040. Change into Passive Voice: 'Neha painted the plan.'
(A) The plan had painted by Neha. (B) The plan were painted by Neha.
(C) The plan is painted by Neha. (D) The plan was painted by Neha.

Q041. Identify the tense of: 'Ananya has written a chart.'
(A) Present Perfect Tense (B) Present Continuous Tense
(C) Simple Future Tense (D) Simple Past Tense

Q042. Identify the tense of: 'Vikram has written a letter.'
(A) Simple Past Tense (B) Present Continuous Tense
(C) Simple Future Tense (D) Present Perfect Tense

Q043. Identify the tense of: 'Riya has completed an article.'
(A) Simple Past Tense (B) Present Perfect Tense
(C) Simple Future Tense (D) Present Continuous Tense

Q044. Convert into Simple Future Tense: 'Tanvi studied a theorem.'
(A) Tanvi is studying a theorem. (B) Tanvi studies a theorem.
(C) Tanvi will study a theorem. (D) Tanvi has studied a theorem.

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

Q046. Change into Passive Voice: 'Priya painted the equation.'
(A) The equation was painted by Priya. (B) The equation had painted by Priya.
(C) The equation were painted by Priya. (D) The equation is painted by Priya.

Q047. Change into Passive Voice: 'Nikhil wrote the portrait.'
(A) The portrait has written by Nikhil. (B) The portrait was written by Nikhil.
(C) The portrait were written by Nikhil. (D) The portrait is written by Nikhil.

Q048. Identify the tense of: 'Rohan has completed a speech.'
(A) Simple Past Tense (B) Present Perfect Tense
(C) Present Continuous Tense (D) Simple Future Tense

Q049. Change into Indirect Speech: "Shreya has completed the project," said Rohan.
(A) Rohan said that Shreya had completed the project. (B) Rohan said that Shreya has completed the project.
(C) Rohan told that Shreya was completing the project. (D) Rohan said that Shreya completed the project.

Q050. Change into Passive Voice: 'Neha built the essay.'
(A) The essay had built by Neha. (B) The essay was built by Neha.
(C) The essay is built by Neha. (D) The essay were built by Neha.

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

Q051. [समास] निम्नलिखित (राजपुत्र, माता-पिता, पीतांबर, प्रतिदिन) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) पीतांबर — बहुव्रीहि समास (B) माता-पिता — द्वंद्व समास
(C) राजपुत्र — द्वंद्व समास (D) प्रतिदिन — अव्ययीभाव समास

Q052. [पर्यायवाची] निम्नलिखित (सूर्य, राजा, पहाड़, मित्र) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) राजा — नृप (B) सूर्य — नृप
(C) मित्र — सखा (D) पहाड़ — पर्वत

Q053. [संधि-विच्छेद] निम्नलिखित (सूर्योदय, पवन, देवालय, जगदीश) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) सूर्योदय — पो + अन (B) पवन — पो + अन
(C) देवालय — देव + आलय (D) जगदीश — जगत् + ईश

Q054. [विलोम] निम्नलिखित (स्वतंत्र, क्रय, उदार, वरदान) में से कौन-सा युग्म सही सुमेलित है?
(A) वरदान — विक्रय (B) स्वतंत्र — परतंत्र
(C) क्रय — अनुदार (D) उदार — अभिशाप

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

Q056. [मुहावरे] निम्नलिखित (ऊँट के मुँह में जीरा, दाँत खट्टे करना, अंगूठा दिखाना, लोहे के चने चबाना) में से कौन-सा युग्म सही सुमेलित है?
(A) ऊँट के मुँह में जीरा — आवश्यकता से बहुत कम (B) अंगूठा दिखाना — बहुत कठिन कार्य करना
(C) दाँत खट्टे करना — साफ मना कर देना (D) लोहे के चने चबाना — बुरी तरह हराना

Q057. निम्न में से 'यश' का विलोम शब्द चुनिए:
(A) अपयश (B) कीर्ति
(C) गौरव (D) प्रसिद्धि

Q058. [संधि-विच्छेद] निम्नलिखित (निराशा, विद्यालय, जगदीश, पवन) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) निराशा — विद्या + आलय (B) विद्यालय — विद्या + आलय
(C) पवन — पो + अन (D) जगदीश — जगत् + ईश

Q059. [संधि-विच्छेद] निम्नलिखित (परमेश्वर, महेश, विद्यालय, नमस्ते) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) विद्यालय — विद्या + आलय (B) नमस्ते — नमः + ते
(C) महेश — महा + ईश (D) परमेश्वर — महा + ईश

Q060. [पर्यायवाची] निम्नलिखित (बादल, चन्द्रमा, राजा, सूर्य) में से कौन-सा युग्म सही सुमेलित है?
(A) राजा — दिनकर (B) सूर्य — शशि
(C) चन्द्रमा — नृप (D) बादल — मेघ

Q061. [संधि-विच्छेद] निम्नलिखित (महेश, स्वागत, सूर्योदय, अत्याचार) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) स्वागत — सु + आगत (B) सूर्योदय — सूर्य + उदय
(C) महेश — सु + आगत (D) अत्याचार — अति + आचार

Q062. [पर्यायवाची] निम्नलिखित (हवा, नदी, फूल, शत्रु) में से कौन-सा युग्म सही सुमेलित है?
(A) फूल — अरि (B) नदी — पुष्प
(C) शत्रु — सरिता (D) हवा — पवन

Q063. [संधि-विच्छेद] निम्नलिखित (सूर्योदय, अत्याचार, पावक, सज्जन) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) सूर्योदय — अति + आचार (B) अत्याचार — अति + आचार
(C) पावक — पौ + अक (D) सज्जन — सत् + जन

Q064. [विलोम] निम्नलिखित (सगुण, सजीव, सार्थक, क्रय) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) सजीव — निर्जीव (B) क्रय — विक्रय
(C) सगुण — निर्जीव (D) सार्थक — निरर्थक

Q065. [मुहावरे] निम्नलिखित (कमर कसना, घोड़े बेचकर सोना, ऊँट के मुँह में जीरा, अंगूठा दिखाना) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) कमर कसना — निश्चिंत होकर सोना (B) ऊँट के मुँह में जीरा — आवश्यकता से बहुत कम
(C) अंगूठा दिखाना — साफ मना कर देना (D) घोड़े बेचकर सोना — निश्चिंत होकर सोना

Q066. [मुहावरे] निम्नलिखित (गागर में सागर भरना, आँखों का तारा होना, दाँत खट्टे करना, ऊँट के मुँह में जीरा) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) गागर में सागर भरना — अत्यंत प्रिय होना (B) आँखों का तारा होना — अत्यंत प्रिय होना
(C) दाँत खट्टे करना — बुरी तरह हराना (D) ऊँट के मुँह में जीरा — आवश्यकता से बहुत कम

Q067. [समास] निम्नलिखित (माता-पिता, गंगाजल, दशानन, प्रतिदिन) में से कौन-सा युग्म सही सुमेलित नहीं है?
(A) माता-पिता — तत्पुरुष समास (B) दशानन — बहुव्रीहि समास
(C) गंगाजल — तत्पुरुष समास (D) प्रतिदिन — अव्ययीभाव समास

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

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

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

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

Q071. [Class 8 History — Movements & Leaders] Which of the following pairs (Ramakrishna Mission (1897), Azad Hind Fauj (INA), Arya Samaj (1875), Mahalwari System) is CORRECTLY matched?
(A) Arya Samaj (1875) — Holt Mackenzie (B) Mahalwari System — Subhas Chandra Bose
(C) Ramakrishna Mission (1897) — Swami Vivekananda (D) Azad Hind Fauj (INA) — Swami Dayananda Saraswati

Q072. [Class 8 History — Movements & Leaders] Which of the following pairs (Ryotwari System in South India, Azad Hind Fauj (INA), Mahalwari System, Bardoli Satyagraha (1928)) is NOT correctly matched?
(A) Mahalwari System — Holt Mackenzie (B) Bardoli Satyagraha (1928) — Sardar Vallabhbhai Patel
(C) Azad Hind Fauj (INA) — Subhas Chandra Bose (D) Ryotwari System in South India — Subhas Chandra Bose

Q073. [Class 8 History — Events & Years] Which of the following pairs (Battle of Plassey, Enforcement of the Indian Constitution (Republic Day), First War of Indian Independence (Revolt of 1857), Abolition of Sati) is NOT correctly matched?
(A) Enforcement of the Indian Constitution (Republic Day) — 1950 (B) Battle of Plassey — 1950
(C) First War of Indian Independence (Revolt of 1857) — 1857 (D) Abolition of Sati — 1829

Q074. [Class 8 Geography — Resources & Crops] Which of the following pairs (Hematite & Magnetite, Coal & Petroleum, Laterite Soil, Zaid Crop) is NOT correctly matched?
(A) Zaid Crop — Watermelon & Cucumber (B) Coal & Petroleum — Non-Renewable Fossil Fuels
(C) Laterite Soil — Cashew, Tea & Coffee in heavy rain areas (D) Hematite & Magnetite — Non-Renewable Fossil Fuels

Q075. [Class 8 History — Events & Years] Which of the following pairs (Dandi March (Civil Disobedience Movement), Permanent Settlement in Bengal, Formation of Indian National Congress, Enforcement of the Indian Constitution (Republic Day)) is NOT correctly matched?
(A) Formation of Indian National Congress — 1885 (B) Enforcement of the Indian Constitution (Republic Day) — 1950
(C) Dandi March (Civil Disobedience Movement) — 1793 (D) Permanent Settlement in Bengal — 1793

Q076. [Class 8 History — Events & Years] Which of the following pairs (Abolition of Sati, Dandi March (Civil Disobedience Movement), Enforcement of the Indian Constitution (Republic Day), First War of Indian Independence (Revolt of 1857)) is CORRECTLY matched?
(A) Enforcement of the Indian Constitution (Republic Day) — 1857 (B) First War of Indian Independence (Revolt of 1857) — 1930
(C) Abolition of Sati — 1829 (D) Dandi March (Civil Disobedience Movement) — 1950

Q077. [Class 8 History — Events & Years] Which of the following pairs (Quit India Movement, Enforcement of the Indian Constitution (Republic Day), Permanent Settlement in Bengal, Dandi March (Civil Disobedience Movement)) is CORRECTLY matched?
(A) Dandi March (Civil Disobedience Movement) — 1950 (B) Enforcement of the Indian Constitution (Republic Day) — 1793
(C) Quit India Movement — 1942 (D) Permanent Settlement in Bengal — 1930

Q078. [Class 8 Geography — Resources & Crops] Which of the following pairs (Coal & Petroleum, Hematite & Magnetite, Black Soil (Regur Soil), TISCO (1907) Steel Plant) is CORRECTLY matched?
(A) TISCO (1907) Steel Plant — Iron Ore (B) Coal & Petroleum — Non-Renewable Fossil Fuels
(C) Black Soil (Regur Soil) — Jamshedpur (Sakchi) (D) Hematite & Magnetite — Cotton cultivation

Q079. [Class 8 Geography — Resources & Crops] Which of the following pairs (TISCO (1907) Steel Plant, Zaid Crop, Manchester of India, Solar & Wind Energy) is NOT correctly matched?
(A) TISCO (1907) Steel Plant — Watermelon & Cucumber
(B) Manchester of India — Ahmedabad
(C) Zaid Crop — Watermelon & Cucumber
(D) Solar & Wind Energy — Renewable Resources

Q080. [Class 8 History — Events & Years] Which of the following pairs (Formation of Indian National Congress, Battle of Buxar, Non-Cooperation Movement, Quit India Movement) is NOT correctly matched?
(A) Formation of Indian National Congress — 1764
(B) Quit India Movement — 1942
(C) Non-Cooperation Movement — 1920
(D) Battle of Buxar — 1764

Q081. [Class 8 Geography — Resources & Crops] Which of the following pairs (Manchester of India, Hematite & Magnetite, Bauxite Ore, Silicon Valley of India) is CORRECTLY matched?
(A) Manchester of India — Ahmedabad
(B) Silicon Valley of India — Iron Ore
(C) Hematite & Magnetite — Aluminium
(D) Bauxite Ore — Bengaluru

Q082. [Class 8 Geography — Resources & Crops] Which of the following pairs (Laterite Soil, Solar & Wind Energy, Shifting Cultivation in North-East India, Zaid Crop) is NOT correctly matched?
(A) Shifting Cultivation in North-East India — Jhumming
(B) Laterite Soil — Renewable Resources
(C) Zaid Crop — Watermelon & Cucumber
(D) Solar & Wind Energy — Renewable Resources

Q083. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Protection of Women from Domestic Violence Act, 74th Constitutional Amendment, Minimum Age for Rajya Sabha Member, Guardian of the Indian Constitution) is NOT correctly matched?
(A) Guardian of the Indian Constitution — Supreme Court
(B) 74th Constitutional Amendment — Municipalities (Urban Local Bodies)
(C) Minimum Age for Rajya Sabha Member — 30 years
(D) Protection of Women from Domestic Violence Act — Municipalities (Urban Local Bodies)

Q084. [Class 8 Geography — Resources & Crops] Which of the following pairs (Zaid Crop, Laterite Soil, Solar & Wind Energy, Black Soil (Regur Soil)) is NOT correctly matched?
(A) Laterite Soil — Cashew, Tea & Coffee in heavy rain areas
(B) Solar & Wind Energy — Renewable Resources
(C) Zaid Crop — Cashew, Tea & Coffee in heavy rain areas
(D) Black Soil (Regur Soil) — Cotton cultivation

Q085. [Class 8 History — Movements & Leaders] Which of the following pairs (Champaran Satyagraha (1917), Satyashodhak Samaj (1873), Arya Samaj (1875), Mahalwari System) is CORRECTLY matched?
(A) Satyashodhak Samaj (1873) — Swami Dayananda Saraswati
(B) Mahalwari System — Jyotirao Phule
(C) Arya Samaj (1875) — Holt Mackenzie
(D) Champaran Satyagraha (1917) — Mahatma Gandhi

Q086. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Minimum Age for President of India, Minimum Age for Rajya Sabha Member, Protection of Women from Domestic Violence Act, Supreme Court of India Location) is NOT correctly matched?
(A) Protection of Women from Domestic Violence Act — 2005
(B) Minimum Age for Rajya Sabha Member — 30 years
(C) Minimum Age for President of India — 30 years
(D) Supreme Court of India Location — New Delhi

Q087. [Class 8 Geography — Resources & Crops] Which of the following pairs (Zaid Crop, Laterite Soil, Hematite & Magnetite, Manchester of India) is NOT correctly matched?
(A) Manchester of India — Ahmedabad
(B) Zaid Crop — Cashew, Tea & Coffee in heavy rain areas
(C) Hematite & Magnetite — Iron Ore
(D) Laterite Soil — Cashew, Tea & Coffee in heavy rain areas

Q088. [Class 8 Geography — Resources & Crops] Which of the following pairs (Laterite Soil, Solar & Wind Energy, Kharif Crop, Zaid Crop) is CORRECTLY matched?
(A) Kharif Crop — Watermelon & Cucumber
(B) Laterite Soil — Cashew, Tea & Coffee in heavy rain areas
(C) Zaid Crop — Renewable Resources
(D) Solar & Wind Energy — Paddy (Rice) & Maize

Q089. [Class 8 History — Events & Years] Which of the following pairs (Battle of Plassey, Jallianwala Bagh Massacre, First War of Indian Independence (Revolt of 1857), Battle of Buxar) is CORRECTLY matched?
(A) Jallianwala Bagh Massacre — 1857
(B) Battle of Buxar — 1919
(C) Battle of Plassey — 1757
(D) First War of Indian Independence (Revolt of 1857) — 1764

Q090. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Article 17 of Indian Constitution, Minimum Age for Rajya Sabha Member, Minimum Age for President of India, Chairman of Drafting Committee) is NOT correctly matched?
(A) Minimum Age for President of India — 35 years
(B) Minimum Age for Rajya Sabha Member — 30 years
(C) Chairman of Drafting Committee — Dr. B.R. Ambedkar
(D) Article 17 of Indian Constitution — 30 years

Q091. [Class 8 History — Events & Years] Which of the following pairs (Permanent Settlement in Bengal, Formation of Muslim League, Enforcement of the Indian Constitution (Republic Day), Chauri Chaura Incident) is CORRECTLY matched?
(A) Permanent Settlement in Bengal — 1793
(B) Chauri Chaura Incident — 1906
(C) Enforcement of the Indian Constitution (Republic Day) — 1922
(D) Formation of Muslim League — 1950

Q092. [Class 8 History — Movements & Leaders] Which of the following pairs (Brahmo Samaj (1828), Azad Hind Fauj (INA), Ryotwari System in South India, Khudai Khidmatgar Movement) is NOT correctly matched?
(A) Ryotwari System in South India — Thomas Munro
(B) Khudai Khidmatgar Movement — Khan Abdul Ghaffar Khan
(C) Azad Hind Fauj (INA) — Subhas Chandra Bose
(D) Brahmo Samaj (1828) — Subhas Chandra Bose

Q093. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Maximum Strength of Lok Sabha (elected), Supreme Court of India Location, First President of Constituent Assembly, Minimum Age for Rajya Sabha Member) is NOT correctly matched?
(A) First President of Constituent Assembly — Dr. Rajendra Prasad
(B) Minimum Age for Rajya Sabha Member — 30 years
(C) Maximum Strength of Lok Sabha (elected) — New Delhi
(D) Supreme Court of India Location — New Delhi

Q094. [History] In which year did the 'Quit India Movement' take place?
(A) 1942
(B) 1930
(C) 1949
(D) 1793

Q095. [Class 8 Geography — Resources & Crops] Which of the following pairs (Zaid Crop, Kharif Crop, Solar & Wind Energy, Silicon Valley of India) is CORRECTLY matched?
(A) Solar & Wind Energy — Bengaluru
(B) Zaid Crop — Watermelon & Cucumber
(C) Silicon Valley of India — Paddy (Rice) & Maize
(D) Kharif Crop — Renewable Resources

Q096. [Class 8 History — Events & Years] Which of the following pairs (Abolition of Sati, Quit India Movement, Battle of Plassey, Battle of Buxar) is NOT correctly matched?
(A) Quit India Movement — 1942
(B) Battle of Buxar — 1764
(C) Battle of Plassey — 1757
(D) Abolition of Sati — 1942

Q097. [Class 8 History — Movements & Leaders] Which of the following pairs (Ramakrishna Mission (1897), Champaran Satyagraha (1917), Arya Samaj (1875), Mahalwari System) is NOT correctly matched?
(A) Arya Samaj (1875) — Swami Dayananda Saraswati
(B) Champaran Satyagraha (1917) — Mahatma Gandhi
(C) Mahalwari System — Holt Mackenzie
(D) Ramakrishna Mission (1897) — Mahatma Gandhi

Q098. [Class 8 Civics — Constitution & Polity] Which of the following pairs (Supreme Court of India Location, Minimum Age for Rajya Sabha Member, Protection of Women from Domestic Violence Act, 74th Constitutional Amendment) is NOT correctly matched?
(A) Minimum Age for Rajya Sabha Member — 30 years
(B) 74th Constitutional Amendment — Municipalities (Urban Local Bodies)
(C) Protection of Women from Domestic Violence Act — 2005
(D) Supreme Court of India Location — 30 years

Q099. [Class 8 Geography — Resources & Crops] Which of the following pairs (TISCO (1907) Steel Plant, Rabi Crop, Bauxite Ore, Alluvial Soil) is NOT correctly matched?
(A) Bauxite Ore — Aluminium
(B) Rabi Crop — Wheat & Mustard
(C) Alluvial Soil — Northern Plains (Wheat & Rice)
(D) TISCO (1907) Steel Plant — Wheat & Mustard

Q100. [Class 8 History — Movements & Leaders] Which of the following pairs (Mahalwari System, Bardoli Satyagraha (1928), Abolition of Sati (1829), Doctrine of Lapse) is CORRECTLY matched?
(A) Mahalwari System — Holt Mackenzie
(B) Abolition of Sati (1829) — Lord Dalhousie
(C) Doctrine of Lapse — Sardar Vallabhbhai Patel
(D) Bardoli Satyagraha (1928) — Lord William Bentinck

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

Q101. Using algebraic identity $(a^2 - b^2)$, evaluate: $69^2 - 13^2$
(A) 4,592
(B) 3,136
(C) 4,612
(D) 4,582

Q102. Find the area of a trapezium whose parallel sides are 12 cm and 29 cm and height is 18 cm.
(A) 738 sq.cm
(B) 357 sq.cm
(C) 369 sq.cm
(D) 384 sq.cm

Q103. Simplify in exponential form: (4^7 × 4^4) ÷ 4^6
(A) 4^17
(B) 4^7
(C) 4^4
(D) 4^5

Q104. If 15 notebooks cost ₹150, how much will 90 notebooks cost?
(A) ₹900
(B) ₹860
(C) ₹950
(D) ₹210

Q105. If $n + 1/n = 5$, find the value of $n^2 + 1/n^2$.
(A) 27
(B) 23
(C) 19
(D) 25

Q106. Simplify in exponential form: (2^9 × 2^7) ÷ 2^9
(A) 2^7
(B) 2^9
(C) 2^25
(D) 2^6

Q107. Find the area of a trapezium whose parallel sides are 26 cm and 36 cm and height is 30 cm.
(A) 930 sq.cm (B) 945 sq.cm
(C) 918 sq.cm (D) 1860 sq.cm

Q108. Simplify in exponential form: (6^4 × 6^2) ÷ 6^2
(A) 6^6 (B) 6^8
(C) 6^3 (D) 6^4

Q109. Solve the linear equation for x: 4x + 26 = 46
(A) x = 9 (B) x = 5
(C) x = 4 (D) x = 7

Q110. Find the square root of 5,329.
(A) 73 (B) 75
(C) 72 (D) 74

Q111. Solve the linear equation for x: 15x + 27 = 312
(A) x = 19 (B) x = 21
(C) x = 23 (D) x = 18

Q112. A bag contains 3 red, 7 blue, and 5 green balls. Find the probability of drawing a red ball.
(A) 1/5 (B) 5/15
(C) 7/15 (D) 4/16

Q113. Find the square root of 2,025.
(A) 47 (B) 44
(C) 46 (D) 45

Q114. A bag contains 7 red, 5 blue, and 10 green balls. Find the probability of drawing a red ball.
(A) 8/23 (B) 5/22
(C) 7/22 (D) 10/22

Q115. Find the square root of 22,201.
(A) 151 (B) 150
(C) 149 (D) 148

Q116. Find the square root of 62,001.
(A) 249 (B) 248
(C) 251 (D) 250

Q117. Using algebraic identity ($a^2 - b^2$), evaluate: $104^2 - 54^2$
(A) 7,890 (B) 7,900
(C) 7,920 (D) 2,500

Q118. Find the area of a trapezium whose parallel sides are 17 cm and 32 cm and height is 18 cm.
(A) 429 sq.cm (B) 882 sq.cm
(C) 441 sq.cm (D) 456 sq.cm

Q119. Using algebraic identity ($a^2 - b^2$), evaluate: $56^2 - 18^2$
(A) 1,444 (B) 2,832
(C) 2,802 (D) 2,812

Q120. A bag contains 6 red, 10 blue, and 6 green balls. Find the probability of drawing a red ball.
(A) 7/23 (B) 10/22
(C) 3/11 (D) 6/22

Q121. Using algebraic identity ($a^2 - b^2$), evaluate: $72^2 - 62^2$
(A) 1,340 (B) 1,330
(C) 1,360 (D) 100

Q122. If 7 notebooks cost ₹170, how much will 42 notebooks cost?
(A) ₹230 (B) ₹1,070
(C) ₹980 (D) ₹1,020

Q123. If $y + 1/y = 4$, find the value of $y^2 + 1/y^2$.
(A) 14 (B) 10
(C) 16 (D) 18

Q124. Using algebraic identity ($a^2 - b^2$), evaluate: $36^2 - 16^2$
(A) 400 (B) 1,060
(C) 1,040 (D) 1,030

Q125. Solve the linear equation for x: 13x + 23 = 101
(A) x = 5 (B) x = 10
(C) x = 8 (D) x = 6

Q126. Simplify in exponential form: (2^5 × 2^4) ÷ 2^4
(A) 2^13 (B) 2^7
(C) 2^5 (D) 2^4

Q127. If 10 notebooks cost ₹140, how much will 100 notebooks cost?
(A) ₹1,400 (B) ₹240
(C) ₹1,450 (D) ₹1,360

Q128. Solve the linear equation for x: 14x + 32 = 228
(A) x = 13 (B) x = 14
(C) x = 16 (D) x = 18

Q129. Simplify in exponential form: (8^4 × 8^5) ÷ 8^7
(A) 8^16 (B) 8^2
(C) 8^4 (D) 8^1

Q130. Solve the linear equation for x: 10x + 35 = 195
(A) x = 15 (B) x = 16
(C) x = 18 (D) x = 20

Q131. A bag contains 3 red, 10 blue, and 3 green balls. Find the probability of drawing a red ball.
(A) 10/16 (B) 3/16
(C) 3/16* (D) 4/17

Q132. If $x + 1/x = 11$, find the value of $x^2 + 1/x^2$.
(A) 123 (B) 121
(C) 119 (D) 115

Q133. A bag contains 8 red, 2 blue, and 4 green balls. Find the probability of drawing a red ball.
(A) 4/14 (B) 9/15
(C) 2/14 (D) 4/7

Q134. Simplify in exponential form: (5^6 × 5^2) ÷ 5^4
(A) 5^12 (B) 5^6
(C) 5^4 (D) 5^3

Q135. Using algebraic identity ($a^2 - b^2$), evaluate: $96^2 - 90^2$
(A) 1,106 (B) 1,136
(C) 36 (D) 1,116

Q136. If 16 notebooks cost ₹80, how much will 160 notebooks cost?
(A) ₹850 (B) ₹800
(C) ₹180 (D) ₹760

Q137. Solve the linear equation for x: 11x + 20 = 163
(A) x = 15 (B) x = 17
(C) x = 13 (D) x = 12

Q138. Solve the linear equation for x: 15x + 17 = 272
(A) x = 17 (B) x = 19
(C) x = 21 (D) x = 16

Q139. A bag contains 5 red, 9 blue, and 3 green balls. Find the probability of drawing a red ball.
(A) 9/17 (B) 6/18
(C) 5/17 (D) 3/17

Q140. Simplify in exponential form: (2^4 × 2^2) ÷ 2^2
(A) 2^6 (B) 2^4
(C) 2^3 (D) 2^8

Q141. If 16 notebooks cost ₹290, how much will 160 notebooks cost?
(A) ₹2,950 (B) ₹2,860
(C) ₹2,900 (D) ₹390

Q142. A bag contains 3 red, 10 blue, and 8 green balls. Find the probability of drawing a red ball.
(A) 8/21 (B) 10/21
(C) 1/7 (D) 4/22

Q143. Using algebraic identity ($a^2 - b^2$), evaluate: $48^2 - 40^2$
(A) 64 (B) 704
(C) 694 (D) 724

Q144. If 17 notebooks cost ₹140, how much will 119 notebooks cost?
(A) ₹1,030 (B) ₹210
(C) ₹980 (D) ₹940

Q145. Solve the linear equation for x: 14x + 21 = 175
(A) x = 11 (B) x = 13
(C) x = 15 (D) x = 10

Q146. If 16 notebooks cost ₹120, how much will 144 notebooks cost?
(A) ₹1,040 (B) ₹1,130
(C) ₹210 (D) ₹1,080

Q147. Using algebraic identity ($a^2 - b^2$), evaluate: $47^2 - 21^2$
(A) 1,758 (B) 1,768
(C) 676 (D) 1,788

Q148. Find the volume of a right circular cylinder of radius 7 cm and height 28 cm (use π = 22/7).
(A) 1,232 cu.cm (B) 4,312 cu.cm
(C) 4,202 cu.cm (D) 4,466 cu.cm

Q149. Using algebraic identity ($a^2 - b^2$), evaluate: $112^2 - 16^2$
(A) 12,288 (B) 9,216
(C) 12,278 (D) 12,308

Q150. Find the area of a trapezium whose parallel sides are 28 cm and 22 cm and height is 14 cm.
(A) 338 sq.cm (B) 700 sq.cm
(C) 350 sq.cm (D) 365 sq.cm

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

Q151. [Class 8 Chemistry] Which of the following pairs (Sulfurous Acid (H_2SO_3), Sodium & Potassium, CNG (Compressed Natural Gas), Acid Rain) is NOT correctly matched?
(A) Sodium & Potassium — Highly reactive metals stored in kerosene
(B) Acid Rain — Caused by oxides of Sulphur and Nitrogen
(C) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(D) Sulfurous Acid (H_2SO_3) — Highly reactive metals stored in kerosene

Q152. [Class 8 Physics] Which of the following pairs (Angle of Incidence = Angle of Reflection, Static Friction, Ball Bearings, Retina) is NOT correctly matched?
(A) Angle of Incidence = Angle of Reflection — Greater than sliding and rolling friction
(B) Ball Bearings — Used to convert sliding friction into rolling friction
(C) Static Friction — Greater than sliding and rolling friction
(D) Retina — Light-sensitive screen at the back of the human eye

Q153. [Class 8 Physics] Which of the following pairs (Pascal (Pa), Retina, Decibel (dB), 90° Angle between two plane mirrors) is CORRECTLY matched?
(A) 90° Angle between two plane mirrors — Light-sensitive screen at the back of the human eye
(B) Decibel (dB) — Forms 3 images (360/90 − 1)
(C) Pascal (Pa) — SI unit of Pressure (Force / Area)
(D) Retina — Unit used to measure loudness of sound

Q154. [Class 8 Physics] Which of the following pairs (Retina, Amplitude of Vibration, 60° Angle between two plane mirrors, Hertz (Hz)) is CORRECTLY matched?
(A) 60° Angle between two plane mirrors — SI unit of Frequency (1 oscillation per second)
(B) Amplitude of Vibration — Forms 5 images (360/60 − 1)
(C) Retina — Light-sensitive screen at the back of the human eye
(D) Hertz (Hz) — Determines the loudness of sound

Q155. [Class 8 Physics] Which of the following pairs (20 Hz to 20,000 Hz, Angle of Incidence = Angle of Reflection, Braille System, Pascal (Pa)) is NOT correctly matched?
(A) Angle of Incidence = Angle of Reflection — First Law of Reflection of Light
(B) Braille System — Tactile reading system for visually impaired persons
(C) Pascal (Pa) — SI unit of Pressure (Force / Area)
(D) 20 Hz to 20,000 Hz — First Law of Reflection of Light

Q156. [Class 8 Biology] Which of the following pairs (Penicillin (1928), Hydra & Yeast, Insulin, Chloroplast) is CORRECTLY matched?
(A) Hydra & Yeast — Hormone secreted by Pancreas to control blood sugar
(B) Chloroplast — Reproduce asexually by Budding
(C) Insulin — Photosynthesis in green plant cells
(D) Penicillin (1928) — First antibiotic discovered by Alexander Fleming

Q157. [Class 8 Biology] Which of the following pairs (Cell Wall, Penicillin (1928), Hydra & Yeast, Mitochondria) is CORRECTLY matched?
(A) Cell Wall — Rigid outer covering present only in plant cells
(B) Penicillin (1928) — Reproduce asexually by Budding
(C) Mitochondria — First antibiotic discovered by Alexander Fleming
(D) Hydra & Yeast — Powerhouse of the Cell (ATP synthesis)

Q158. [Class 8 Biology] Which of the following pairs (Thyroxine, Chloroplast, Insulin, Adrenaline) is CORRECTLY matched?
(A) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)
(B) Adrenaline — Photosynthesis in green plant cells
(C) Chloroplast — Hormone secreted by Pancreas to control blood sugar
(D) Insulin — Emergency hormone secreted by Adrenal glands

Q159. [Class 8 Chemistry] Which of the following pairs (Diamond, Bromine, Gold & Platinum, Copper Sulphate + Zinc) is CORRECTLY matched?
(A) Copper Sulphate + Zinc — Only non-metal that is liquid at room temperature
(B) Diamond — Hardest natural allotrope of Carbon
(C) Gold & Platinum — Zinc displaces Copper (Displacement Reaction)
(D) Bromine — Least reactive noble metals used in jewellery

Q160. [Class 8 Physics] Which of the following pairs (Amplitude of Vibration, 20 Hz to 20,000 Hz, Braille System, Frequency of Vibration) is NOT correctly matched?
(A) 20 Hz to 20,000 Hz — Audible frequency range for human ear
(B) Braille System — Tactile reading system for visually impaired persons
(C) Frequency of Vibration — Determines the pitch (shrillness) of sound
(D) Amplitude of Vibration — Audible frequency range for human ear

Q161. [Class 8 Physics] Which of the following pairs (Braille System, Angle of Incidence = Angle of Reflection, Lightning Conductor, Decibel (dB)) is CORRECTLY matched?
(A) Decibel (dB) — First Law of Reflection of Light
(B) Braille System — Tactile reading system for visually impaired persons
(C) Angle of Incidence = Angle of Reflection — Copper rod protecting tall buildings from lightning
(D) Lightning Conductor — Unit used to measure loudness of sound

Q162. [Class 8 Chemistry] Which of the following pairs (Electroplating, Copper Sulphate + Zinc, Carbon Dioxide (CO_2), Acid Rain) is CORRECTLY matched?
(A) Copper Sulphate + Zinc — Gas used in fire extinguishers for electrical fires
(B) Carbon Dioxide (CO_2) — Caused by oxides of Sulphur and Nitrogen
(C) Electroplating — Coating Chromium on iron to prevent rusting
(D) Acid Rain — Zinc displaces Copper (Displacement Reaction)

Q163. [Class 8 Physics] Which of the following pairs (Ball Bearings, 20 Hz to 20,000 Hz, Frequency of Vibration, Newton (N)) is NOT correctly matched?
(A) Newton (N) — SI unit of Force
(B) Ball Bearings — Audible frequency range for human ear
(C) 20 Hz to 20,000 Hz — Audible frequency range for human ear
(D) Frequency of Vibration — Determines the pitch (shrillness) of sound

Q164. [Class 8 Chemistry] Which of the following pairs (Bromine, Carbon Dioxide (CO_2), Electroplating, Coal Tar) is NOT correctly matched?
(A) Coal Tar — Thick black liquid used to make naphthalene balls
(B) Bromine — Gas used in fire extinguishers for electrical fires
(C) Carbon Dioxide (CO_2) — Gas used in fire extinguishers for electrical fires
(D) Electroplating — Coating Chromium on iron to prevent rusting

Q165. [Class 8 Biology] Which of the following pairs (Hydra & Yeast, Mitochondria, Adrenaline, Insulin) is CORRECTLY matched?
(A) Hydra & Yeast — Reproduce asexually by Budding
(B) Adrenaline — Hormone secreted by Pancreas to control blood sugar
(C) Insulin — Powerhouse of the Cell (ATP synthesis)
(D) Mitochondria — Emergency hormone secreted by Adrenal glands

Q166. [Class 8 Chemistry] Which of the following pairs (CNG (Compressed Natural Gas), Phosphorus, Bromine, Sulfurous Acid (H_2SO_3)) is CORRECTLY matched?
(A) Sulfurous Acid (H_2SO_3) — Non-metal stored in water to prevent ignition in air
(B) Bromine — Formed when non-metal oxide SO_2 dissolves in water
(C) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(D) Phosphorus — Only non-metal that is liquid at room temperature

Q167. [Class 8 Chemistry] Which of the following pairs (Diamond, Electroplating, Carbon Dioxide (CO_2), Copper Sulphate + Zinc) is CORRECTLY matched?
(A) Diamond — Hardest natural allotrope of Carbon
(B) Copper Sulphate + Zinc — Coating Chromium on iron to prevent rusting
(C) Electroplating — Gas used in fire extinguishers for electrical fires
(D) Carbon Dioxide (CO_2) — Zinc displaces Copper (Displacement Reaction)

Q168. [Class 8 Biology] Which of the following pairs (Mitochondria, Edward Jenner, Hydra & Yeast, Amoeba) is CORRECTLY matched?
(A) Amoeba — Discovery of Smallpox Vaccine
(B) Mitochondria — Powerhouse of the Cell (ATP synthesis)
(C) Hydra & Yeast — Reproduces asexually by Binary Fission
(D) Edward Jenner — Reproduce asexually by Budding

Q169. [Class 8 Chemistry] Which of the following pairs (Diamond, Sodium & Potassium, Graphite, CNG (Compressed Natural Gas)) is NOT correctly matched?
(A) Diamond — Highly reactive metals stored in kerosene
(B) CNG (Compressed Natural Gas) — Cleanest gaseous fossil fuel (mainly Methane)
(C) Sodium & Potassium — Highly reactive metals stored in kerosene
(D) Graphite — Non-metal that conducts electricity

Q170. [Class 8 Physics] Which of the following pairs (Lightning Conductor, Hertz (Hz), Ball Bearings, Amplitude of Vibration) is NOT correctly matched?
(A) Amplitude of Vibration — Determines the loudness of sound
(B) Lightning Conductor — SI unit of Frequency (1 oscillation per second)
(C) Ball Bearings — Used to convert sliding friction into rolling friction
(D) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)

Q171. [Class 8 Biology] Which of the following pairs (Thyroxine, Rhizobium bacteria, Chloroplast, Plasmodium (Malaria)) is CORRECTLY matched?
(A) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)
(B) Chloroplast — Transmitted by female Anopheles mosquito
(C) Rhizobium bacteria — Photosynthesis in green plant cells
(D) Plasmodium (Malaria) — Nitrogen fixation in leguminous plant roots

Q172. [Class 8 Physics] Which of the following pairs (20 Hz to 20,000 Hz, Static Friction, Ball Bearings, Amplitude of Vibration) is NOT correctly matched?
(A) 20 Hz to 20,000 Hz — Greater than sliding and rolling friction
(B) Ball Bearings — Used to convert sliding friction into rolling friction
(C) Static Friction — Greater than sliding and rolling friction
(D) Amplitude of Vibration — Determines the loudness of sound

Q173. [Class 8 Physics] Which of the following pairs (Ball Bearings, Hertz (Hz), Pascal (Pa), Retina) is CORRECTLY matched?
(A) Hertz (Hz) — SI unit of Pressure (Force / Area)
(B) Ball Bearings — Used to convert sliding friction into rolling friction
(C) Retina — SI unit of Frequency (1 oscillation per second)
(D) Pascal (Pa) — Light-sensitive screen at the back of the human eye

Q174. [Class 8 Physics] Which of the following pairs (Frequency of Vibration, 90° Angle between two plane mirrors, Hertz (Hz), 60° Angle between two plane mirrors) is NOT correctly matched?
(A) Frequency of Vibration — Forms 3 images (360/90 − 1)
(B) Hertz (Hz) — SI unit of Frequency (1 oscillation per second)
(C) 60° Angle between two plane mirrors — Forms 5 images (360/60 − 1)
(D) 90° Angle between two plane mirrors — Forms 3 images (360/90 − 1)

Q175. [Class 8 Physics] Which of the following pairs (Lightning Conductor, Static Friction, Retina, Frequency of Vibration) is NOT correctly matched?
(A) Lightning Conductor — Greater than sliding and rolling friction
(B) Frequency of Vibration — Determines the pitch (shrillness) of sound
(C) Static Friction — Greater than sliding and rolling friction
(D) Retina — Light-sensitive screen at the back of the human eye

Q176. [Physics Numerical] A force of 300 N acts on an area of 2 m^2. Calculate the pressure exerted.
(A) 147 Pa
(B) 155 Pa
(C) 600 Pa
(D) 150 Pa

Q177. [Class 8 Chemistry] Which of the following pairs (Mercury, Sulfurous Acid (H_2SO_3), Electroplating, Bromine) 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) Sulfurous Acid (H_2SO_3) — Formed when non-metal oxide SO_2 dissolves in water
(D) Mercury — Formed when non-metal oxide SO_2 dissolves in water

Q178. [Class 8 Chemistry] Which of the following pairs (Sulfurous Acid (H_2SO_3), Bromine, Electroplating, Mercury) is NOT correctly matched?
(A) Bromine — Only non-metal that is liquid at room temperature
(B) Sulfurous Acid (H_2SO_3) — Only non-metal that is liquid at room temperature
(C) Electroplating — Coating Chromium on iron to prevent rusting
(D) Mercury — Only metal that is liquid at room temperature

Q179. [Class 8 Biology] Which of the following pairs (Chloroplast, Mitochondria, Rhizobium bacteria, Penicillin (1928)) is CORRECTLY matched?
(A) Rhizobium bacteria — First antibiotic discovered by Alexander Fleming
(B) Chloroplast — Photosynthesis in green plant cells
(C) Penicillin (1928) — Powerhouse of the Cell (ATP synthesis)
(D) Mitochondria — Nitrogen fixation in leguminous plant roots

Q180. [Class 8 Biology] Which of the following pairs (Plasmodium (Malaria), Amoeba, Hydra & Yeast, Rhizobium bacteria) is NOT correctly matched?
(A) Amoeba — Reproduces asexually by Binary Fission
(B) Hydra & Yeast — Reproduce asexually by Budding
(C) Rhizobium bacteria — Nitrogen fixation in leguminous plant roots
(D) Plasmodium (Malaria) — Reproduces asexually by Binary Fission

Q181. [Class 8 Biology] Which of the following pairs (Adrenaline, Amoeba, Cell Wall, Insulin) is CORRECTLY matched?
(A) Amoeba — Rigid outer covering present only in plant cells
(B) Cell Wall — Hormone secreted by Pancreas to control blood sugar
(C) Insulin — Reproduces asexually by Binary Fission
(D) Adrenaline — Emergency hormone secreted by Adrenal glands

Q182. [Class 8 Chemistry] Which of the following pairs (Coal Tar, Sodium & Potassium, Mercury, Bromine) is NOT correctly matched?
(A) Bromine — Only non-metal that is liquid at room temperature
(B) Coal Tar — Highly reactive metals stored in kerosene
(C) Mercury — Only metal that is liquid at room temperature
(D) Sodium & Potassium — Highly reactive metals stored in kerosene

Q183. [Class 8 Physics] Which of the following pairs (Newton (N), 20 Hz to 20,000 Hz, Angle of Incidence = Angle of Reflection, Static Friction) is NOT correctly matched?
(A) Angle of Incidence = Angle of Reflection — First Law of Reflection of Light
(B) Static Friction — Greater than sliding and rolling friction
(C) Newton (N) — Audible frequency range for human ear
(D) 20 Hz to 20,000 Hz — Audible frequency range for human ear

Q184. [Class 8 Biology] Which of the following pairs (Adrenaline, Cell Wall, Hydra & Yeast, Rhizobium bacteria) is CORRECTLY matched?
(A) Adrenaline — Emergency hormone secreted by Adrenal glands
(B) Hydra & Yeast — Nitrogen fixation in leguminous plant roots
(C) Rhizobium bacteria — Rigid outer covering present only in plant cells
(D) Cell Wall — Reproduce asexually by Budding

Q185. [Class 8 Physics] Which of the following pairs (Lightning Conductor, Frequency of Vibration, Ball Bearings, 90° Angle between two plane mirrors) is CORRECTLY matched?
(A) Frequency of Vibration — Used to convert sliding friction into rolling friction
(B) 90° Angle between two plane mirrors — Determines the pitch (shrillness) of sound
(C) Ball Bearings — Forms 3 images (360/90 − 1)
(D) Lightning Conductor — Copper rod protecting tall buildings from lightning

Q186. [Class 8 Chemistry] Which of the following pairs (Carbon Dioxide (CO_2), Graphite, Gold & Platinum, Acid Rain) is NOT correctly matched?
(A) Carbon Dioxide (CO_2) — Non-metal that conducts electricity
(B) Gold & Platinum — Least reactive noble metals used in jewellery
(C) Acid Rain — Caused by oxides of Sulphur and Nitrogen
(D) Graphite — Non-metal that conducts electricity

Q187. [Class 8 Physics] Which of the following pairs (Retina, 90° Angle between two plane mirrors, Frequency of Vibration, 20 Hz to 20,000 Hz) is NOT correctly matched?
(A) Frequency of Vibration — Determines the pitch (shrillness) of sound
(B) 20 Hz to 20,000 Hz — Audible frequency range for human ear
(C) 90° Angle between two plane mirrors — Forms 3 images (360/90 − 1)
(D) Retina — Forms 3 images (360/90 − 1)

Q188. [Class 8 Biology] Which of the following pairs (Insulin, Mitochondria, Louis Pasteur, Lactobacillus) is CORRECTLY matched?
(A) Louis Pasteur — Conversion of milk into curd
(B) Lactobacillus — Powerhouse of the Cell (ATP synthesis)
(C) Insulin — Hormone secreted by Pancreas to control blood sugar
(D) Mitochondria — Discovery of Fermentation & Pasteurization

Q189. [Class 8 Biology] Which of the following pairs (Hydra & Yeast, Edward Jenner, Amoeba, Chloroplast) is NOT correctly matched?
(A) Hydra & Yeast — Discovery of Smallpox Vaccine
(B) Amoeba — Reproduces asexually by Binary Fission
(C) Chloroplast — Photosynthesis in green plant cells
(D) Edward Jenner — Discovery of Smallpox Vaccine

Q190. [Class 8 Chemistry] Which of the following pairs (Sodium & Potassium, Acid Rain, Gold & Platinum, Mercury) is CORRECTLY matched?
(A) Gold & Platinum — Only metal that is liquid at room temperature
(B) Mercury — Caused by oxides of Sulphur and Nitrogen
(C) Acid Rain — Least reactive noble metals used in jewellery
(D) Sodium & Potassium — Highly reactive metals stored in kerosene

Q191. [Class 8 Chemistry] Which of the following pairs (Diamond, Acid Rain, Phosphorus, Gold & Platinum) is CORRECTLY matched?
(A) Gold & Platinum — Caused by oxides of Sulphur and Nitrogen
(B) Acid Rain — Non-metal stored in water to prevent ignition in air
(C) Diamond — Hardest natural allotrope of Carbon
(D) Phosphorus — Least reactive noble metals used in jewellery

Q192. [Class 8 Biology] Which of the following pairs (Penicillin (1928), Insulin, Louis Pasteur, Plasmodium (Malaria)) is CORRECTLY matched?
(A) Louis Pasteur — Transmitted by female Anopheles mosquito
(B) Insulin — Discovery of Fermentation & Pasteurization
(C) Plasmodium (Malaria) — Hormone secreted by Pancreas to control blood sugar
(D) Penicillin (1928) — First antibiotic discovered by Alexander Fleming

Q193. [Class 8 Biology] Which of the following pairs (Chloroplast, Louis Pasteur, Penicillin (1928), Mitochondria) is CORRECTLY matched?
(A) Louis Pasteur — First antibiotic discovered by Alexander Fleming
(B) Chloroplast — Photosynthesis in green plant cells
(C) Penicillin (1928) — Powerhouse of the Cell (ATP synthesis)
(D) Mitochondria — Discovery of Fermentation & Pasteurization

Q194. [Class 8 Chemistry] Which of the following pairs (Graphite, Mercury, Electroplating, Sodium & Potassium) is CORRECTLY matched?
(A) Sodium & Potassium — Only metal that is liquid at room temperature
(B) Electroplating — Highly reactive metals stored in kerosene
(C) Mercury — Coating Chromium on iron to prevent rusting
(D) Graphite — Non-metal that conducts electricity

Q195. [Class 8 Biology] Which of the following pairs (Louis Pasteur, Chloroplast, Hydra & Yeast, Adrenaline) is NOT correctly matched?
(A) Adrenaline — Emergency hormone secreted by Adrenal glands
(B) Louis Pasteur — Photosynthesis in green plant cells
(C) Chloroplast — Photosynthesis in green plant cells
(D) Hydra & Yeast — Reproduce asexually by Budding

Q196. [Class 8 Biology] Which of the following pairs (Chloroplast, Thyroxine, Adrenaline, Cell Wall) is NOT correctly matched?
(A) Chloroplast — Hormone secreted by Thyroid gland (requires Iodine)
(B) Cell Wall — Rigid outer covering present only in plant cells
(C) Adrenaline — Emergency hormone secreted by Adrenal glands
(D) Thyroxine — Hormone secreted by Thyroid gland (requires Iodine)

Q197. [Class 8 Physics] Which of the following pairs (Static Friction, Newton (N), 90° Angle between two plane mirrors, Angle of Incidence = Angle of Reflection) is NOT correctly matched?
(A) 90° Angle between two plane mirrors — Forms 3 images (360/90 − 1)
(B) Angle of Incidence = Angle of Reflection — First Law of Reflection of Light
(C) Newton (N) — SI unit of Force
(D) Static Friction — SI unit of Force

Q198. [Class 8 Biology] Which of the following pairs (Louis Pasteur, Amoeba, Lactobacillus, Penicillin (1928)) is CORRECTLY matched?
(A) Lactobacillus — First antibiotic discovered by Alexander Fleming
(B) Amoeba — Conversion of milk into curd
(C) Penicillin (1928) — Reproduces asexually by Binary Fission
(D) Louis Pasteur — Discovery of Fermentation & Pasteurization

Q199. [Class 8 Chemistry] Which of the following pairs (Electroplating, Sodium & Potassium, Copper Sulphate + Zinc, Gold & Platinum) is CORRECTLY matched?
(A) Gold & Platinum — Highly reactive metals stored in kerosene
(B) Copper Sulphate + Zinc — Least reactive noble metals used in jewellery
(C) Sodium & Potassium — Zinc displaces Copper (Displacement Reaction)
(D) Electroplating — Coating Chromium on iron to prevent rusting

Q200. [Class 8 Chemistry] Which of the following pairs (Acid Rain, Sodium & Potassium, Gold & Platinum, Sulfurous Acid (H_2SO_3)) is CORRECTLY matched?
(A) Gold & Platinum — Formed when non-metal oxide SO_2 dissolves in water
(B) Acid Rain — Caused by oxides of Sulphur and Nitrogen
(C) Sulfurous Acid (H_2SO_3) — Highly reactive metals stored in kerosene
(D) Sodium & Potassium — Least reactive noble metals used in jewellery

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

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002: (B)	**027**: (B)
003: (D)	**028**: (D)
004: (D)	**029**: (D)
005: (B)	**030**: (D)
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007: (B)	**032**: (A)
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015: (A)	**040**: (D)
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018: (C)	**043**: (B)
019: (D)	**044**: (C)
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023: (D)	**048**: (B)
024: (D)	**049**: (A)
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PAPER 1: HIN + SST (Q051–100)

051: (C)	**076**: (C)
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073: (B)	**098**: (D)
074: (D)	**099**: (D)
075: (C)	**100**: (A)

PAPER 2: MATH (Q101–150)

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

PAPER 2: SCIENCE (Q151–200)

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