



EDULIGHT ENDEAVOUR TALENT HUNT OLYMPIAD

Sample Papers

CLASS 7

Hindi : संज्ञा, सर्वनाम और विशेषण, क्रिया, सहायक क्रिया और काल, समास, संधि, उपसर्ग और प्रत्यय, पर्यायवाची, विलोम एवं अनेकार्थक शब्द ,मुहावरे एवं लोकोक्तियाँ, अशुद्धि संशोधन, वर्तनी सुधार एवं विराम-चिह्न, अलंकार, तार्किक क्षमता

English : Parts of Speech and Subject-Verb Agreement, Tense, Voice and Narration, Gerund, Infinitive and Participle, Synonyms, Antonyms and One Word Substitution, Sentence Improvement and Error Finding, Close Test and Choosing Appropriate Filler, Reading and Comprehension Skill, Logical Reasoning

Mathematics : Integers and Rational Numbers, Algebraic Expressions and Simple Equations, Ratio, Proportion and Percentage, Profit, Loss and Simple Interest, Geometry – Lines, Angles, Triangles and Quadrilaterals, Mensuration – Perimeter and Area, Data Handling (Mean, Median, Mode, Graphs), Logical Reasoning and HOTS

Science : Nutrition in Plants and Animals, Respiration and Transportation in Living Organisms, Heat, Light and Sound, Electric Current and Its Effects, Physical and Chemical Changes, Acids, Bases and Salts, Natural Resources and Their Conservation, Reasoning and Aptitude

General Knowledge : Indian Freedom Struggle, Indian Constitution and Polity, Geography – Climate, Natural Features and Regions, Science and Technology, Current Affairs, International Organisations and Awards, Books and Authors, Logical Reasoning

Social Studies : Medieval Indian History – Delhi Sultanate and Mughals, Bhakti and Sufi Movements, Democracy, Fundamental Rights and Duties, Our Constitution and Governance, Natural Resources – Soil, Minerals, Air and Water, Human-Environment Interaction, Weather, Climate and Natural Vegetation, Map Work

Computer Science : Fundamentals of Computer and Operating System, Algorithm and Flowchart, MS-Excel (Formulas, Sorting, Filtering, Data Handling), Programming in QBasic / Small Basic, HTML and CSS Basics, Internet, Networking and Cyber Safety, AI, Robotics and Latest Developments in IT, Logical Reasoning and HOTS

Yoga and Physical Health : Concept of health and wellness, Physical, mental and emotional benefits of Yoga, Classification of Asanas (standing, sitting, prone, supine), Benefits and precautions of common Asanas, Surya Namaskar – steps and benefits, Introduction to Pranayama techniques, Breathing awareness and control, Yoga for concentration and memory, Yoga for posture correction, Role of Yoga in managing daily stress, Importance of warm-up and cool-down exercises, Balanced diet for active students, Importance of physical activity and fitness, Basic concept of relaxation techniques



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HINDI

1. 'चक्रपाणि' शब्द किस समास का उदाहरण है?
A) कर्मधारय
B) द्वंद्व
C) बहुव्रीहि
D) अव्ययीभाव
2. 'लोकहित' शब्द का समास-विग्रह क्या होगा?
A) लोक का हित
B) लोक और हित
C) हित के लिए लोक
D) हित में लोक
3. 'निरपराध' शब्द में प्रयुक्त उपसर्ग का अर्थ क्या है?
A) पूर्णतः
B) रोहित
C) विरोध
D) समीप
4. 'जिसकी तुलना न हो सके' के लिए एक शब्द चुनिए।
A) अनुपम
B) अलौकिक
C) अतुलनीय
D) अनंत
5. 'आँखों में धूल झोंकना' मुहावरे का सही अर्थ क्या है?
A) क्रोधित करना
B) धोखा देना
C) भ्रमित होना
D) अपमान करना



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HINDI

6. निम्नलिखित में से कौन-सा वाक्य पूर्णतः शुद्ध है?
- A) मुझे आपकी बातों पर विश्वास हैं।
B) विद्यार्थियों ने अपने-अपने कार्य पूर्ण किए।
C) दोनों भाई बाजार गया।
D) राम ने मुझको एक सलाह दिया।
7. 'यदि सभी कवि संवेदनशील हैं, कुछ संवेदनशील व्यक्ति कलाकार हैं, और कोई कलाकार कठोर नहीं है' — कौन-सा निष्कर्ष निश्चित रूप से सत्य है?
- A) कोई कवि कठोर नहीं है
B) कुछ कलाकार संवेदनशील हैं
C) सभी संवेदनशील कवि कलाकार हैं
D) कुछ कठोर व्यक्ति कलाकार हैं
8. 'कनक-कनक ते सौ गुनी' में कौन-सा अलंकार है?
- A) अनुप्रास
B) यमक
C) उपमा
D) श्लेष
9. सही विराम-चिह्न वाला वाक्य चुनिए।
- A) शिक्षक ने कहा "परिश्रम ही सफलता की कुंजी है।"
B) शिक्षक ने कहा, "परिश्रम ही सफलता की कुंजी है।"
C) शिक्षक ने कहा "परिश्रम, ही सफलता की कुंजी है।"
D) शिक्षक ने कहा, "परिश्रम, ही सफलता की कुंजी है।"
10. 'पत्र' शब्द का अनेकार्थक प्रयोग किस विकल्प में हुआ है?
- A) पेड़ के पत्र सूख गए।
B) उसने मित्र को पत्र लिखा।
C) दोनों
D) कोई नहीं

Answers: C, A, B, C, B, B, B, B, B, C



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Sample Papers *Class 7*

ENGLISH

1. Choose the sentence with correct subject-verb agreement.
A) Neither of the boys were present.
B) Each of the players have arrived.
C) The quality of the apples was excellent.
D) Mathematics are a difficult subject.

2. Identify the correct passive voice:
"They will announce the results tomorrow."
A) The results will announce tomorrow.
B) The results are announced tomorrow.
C) The results will be announced tomorrow.
D) Tomorrow the results announced.

3. Choose the correct reported speech:
She said, "I have been waiting for two hours."
A) She said that she had been waiting for two hours.
B) She said that she has been waiting for two hours.
C) She says that she had been waiting for two hours.
D) She said that she waited for two hours.

4. Identify the participle in the sentence:
"The exhausted players rested after the match."
A) Players
B) Rested
C) Exhausted
D) Match

5. One word substitution for:
"A speech delivered without preparation."
A) Lecture
B) Debate
C) Extempore
D) Monologue



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Sample Papers *Class 7*

ENGLISH

6. Find the error in the sentence:
"Scarcely had the train stopped than the passengers rushed in."

- A) Scarcely
- B) Stopped
- C) Than
- D) Rushed

7. Choose the antonym of "Meticulous".

- A) Careful
- B) Accurate
- C) Negligent
- D) Intelligent

8. Choose the appropriate filler:

"Had he studied sincerely, he _____ the examination."

- A) would pass
- B) would have passed
- C) will pass
- D) passed

9. Read the statement carefully:

"All astronomers are scientists. Some scientists are mathematicians."

Which conclusion is definitely true?

- A) Some mathematicians are astronomers
- B) All scientists are astronomers
- C) All astronomers are scientists
- D) No scientist is a mathematician

10. Choose the correctly spelled word.

- A) Connoisseur
- B) Connoiseur
- C) Connosseur
- D) Conoisiseur

Answers: C, C, A, C, C, C, C, B, C, A



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Sample Papers *Class 7*

MATHEMATICS

1. Which of the following rational numbers is smallest?

- A) $-11/15$
- B) $-7/10$
- C) $-13/20$
- D) $-5/8$

2. Simplify:

- $56 - (14 + 13) \frac{5}{6} - \left(\frac{1}{4} + \frac{1}{3} \right) 65$
- $(41 + 31)$ A) $1/4$
B) $5/12$
C) $7/12$
D) $3/8$

3. Solve:

- $3(2x - 5) = 4x + 7$ 3 $(2x - 5) = 4x + 7$ A) 11
B) 13
C) 15
D) 17

4. A sum becomes ₹8820 in 2 years at 5% simple interest.

Find the principal.

- A) ₹8000
- B) ₹8200
- C) ₹8400
- D) ₹8600

5. A trader marks an article 25% above cost price and gives a discount of 10%. His profit percentage is:

- A) 10%
- B) 11.5%
- C) 12.5%
- D) 15%



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Sample Papers

Class 7

MATHEMATICS

6. The angles of a triangle are in the ratio 2 : 3 : 4. Find the largest angle.

- A) 60°
- B) 70°
- C) 80°
- D) 90°

7. The area of a parallelogram is 216 cm^2 and its base is 18 cm. Find the height.

- A) 10 cm
- B) 11 cm
- C) 12 cm
- D) 14 cm

8. The mean of five numbers is 28. If four numbers are 24, 30, 32 and 26, find the fifth number.

- A) 26
- B) 28
- C) 30
- D) 32

9. Find the next term in the series:

4, 9, 19, 39, 79, ?

- A) 119
- B) 139
- C) 159
- D) 169

10. If in a certain code TRIANGLE = USBJOHMF, then SQUARE = ?

- A) TRVBSF
- B) TRVBTF
- C) TRVBSH
- D) TQVBSF

Answers: D, A, D, C, C, C, C, B, C, A



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Sample Papers *Class 7*

SCIENCE

1. Which mode of nutrition is shown by pitcher plants?
A) Saprotrophic
B) Autotrophic only
C) Insectivorous
D) Holozoic

2. During respiration, energy is mainly released due to breakdown of:
A) Proteins
B) Fats only
C) Glucose
D) Vitamins

3. Which blood vessel has the thickest muscular wall?
A) Vein
B) Capillary
C) Artery
D) Venule

4. Which colour of light has the maximum wavelength?
A) Violet
B) Blue
C) Green
D) Red

5. The filament of an electric bulb is usually made of tungsten because it:
A) Melts at low temperature
B) Has very high melting point
C) Is a poor conductor
D) Produces magnetic effect only



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Sample Papers *Class 7*

SCIENCE

6. Which of the following is a chemical change?
- A) Melting wax
 - B) Boiling water
 - C) Rusting iron
 - D) Cutting paper
7. Which salt is formed by the reaction of hydrochloric acid and sodium hydroxide?
- A) Sodium carbonate
 - B) Sodium chloride
 - C) Sodium sulphate
 - D) Calcium chloride
8. Excessive cutting of forests mainly increases:
- A) Groundwater level
 - B) Carbon dioxide concentration
 - C) Oxygen concentration
 - D) Soil fertility immediately
9. If all metals conduct electricity and copper is a metal, then copper:
- A) Does not conduct electricity
 - B) Conducts electricity
 - C) Conducts heat only
 - D) Is non-metallic
10. Which phenomenon causes echo?
- A) Refraction of sound
 - B) Absorption of sound
 - C) Reflection of sound
 - D) Dispersion of sound

Answers: C, C, C, D, B, C, B, B, B, C



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Sample Papers *Class 7*

GENERAL KNOWLEDGE

1. Who founded the Swaraj Party in 1923 along with Motilal Nehru?
A) Lala Lajpat Rai
B) C.R. Das
C) Bipin Chandra Pal
D) Bal Gangadhar Tilak

2. Which Schedule of the Indian Constitution contains the list of states and union territories?
A) First Schedule
B) Second Schedule
C) Third Schedule
D) Fourth Schedule

3. Which mountain pass connects Srinagar with Leh?
A) Nathula Pass
B) Zoji La Pass
C) Shipki La Pass
D) Bomdi La Pass

4. Who invented the World Wide Web (WWW)?
A) Charles Babbage
B) Tim Berners-Lee
C) Bill Gates
D) Steve Jobs

5. Which organisation awards the Booker Prize?
A) BBC
B) UNESCO
C) Booker Prize Foundation
D) Nobel Foundation



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Sample Papers *Class 7*

GENERAL KNOWLEDGE

6. Which book was authored by A.P.J. Abdul Kalam?

- A) Ignited Minds
- B) Discovery of India
- C) My Experiments with Truth
- D) Arthashastra

7. Which international organisation is headquartered in Geneva and works for global trade regulation?

- A) WTO
- B) WHO
- C) IMF
- D) UNESCO

8. Find the odd one out.

- A) ISRO
- B) DRDO
- C) NASA
- D) FIFA

9. Which Indian state has the longest coastline?

- A) Gujarat
- B) Maharashtra
- C) Tamil Nadu
- D) Andhra Pradesh

10.. If INDIA = 39 and JAPAN = 46 using letter positions, then CHINA = ?

- A) 35
- B) 39
- C) 43
- D) 47

Answers: B, A, B, B, C, A, A, D, A, A



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Sample Papers *Class 7*

SOCIAL STUDIES

1. Who among the following shifted the capital from Delhi to Daulatabad?
A) Alauddin Khilji
B) Balban
C) Muhammad bin Tughlaq
D) Firoz Shah Tughlaq

2. Which Mughal emperor introduced the Mansabdari system?
A) Babur
B) Humayun
C) Akbar
D) Jahangir

3. Guru Nanak's teachings mainly emphasized:
A) Ritualism
B) Equality and devotion to one God
C) Idol worship only
D) Military discipline

4. Which Fundamental Duty asks citizens to protect the natural environment?
A) Article 14
B) Article 19
C) Article 51A(g)
D) Article 32

5. Which institution interprets the Constitution of India?
A) Parliament
B) Supreme Court
C) Election Commission
D) Rajya Sabha



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Sample Papers *Class 7*

SOCIAL STUDIES

6. Which mineral is mainly used in the production of stainless steel?
- A) Copper
 - B) Mica
 - C) Iron ore
 - D) Manganese
7. Which type of vegetation is found in regions with moderate rainfall and distinct dry seasons?
- A) Tropical evergreen forests
 - B) Thorn forests
 - C) Tropical deciduous forests
 - D) Tundra vegetation
8. Which type of map is most suitable for showing annual rainfall distribution?
- A) Political map
 - B) Physical map
 - C) Thematic map
 - D) Road map
9. Find the odd one out.
- A) Humidity
 - B) Latitude
 - C) Rainfall
 - D) Temperature
10. Which atmospheric layer protects Earth from harmful ultraviolet rays?
- A) Troposphere
 - B) Mesosphere
 - C) Stratosphere
 - D) Thermosphere

Answers: C, C, B, C, B, D, C, C, B, C



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Class 7

COMPUTER SCIENCE

1. Which part of the operating system manages memory allocation to programs?
A) File manager
B) Process manager
C) Memory manager
D) Device driver
2. Which flowchart symbol is used to represent a decision-making step?
A) Oval
B) Rectangle
C) Diamond
D) Parallelogram
3. In MS-Excel, which function counts only numeric entries?
A) =COUNTA()
B) =COUNT()
C) =SUM()
D) =MAX()
4. Which QBasic statement is used to repeat a set of instructions until a condition becomes false?
A) INPUT
B) PRINT
C) DO WHILE...LOOP
D) CLS
5. Which HTML tag is used to create an unordered list?
A)
B)
C)
D) <dl>



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Sample Papers

Class 7

COMPUTER SCIENCE

6. Which CSS property controls the space inside the border of an element?
- A) margin
 - B) padding
 - C) border-spacing
 - D) align
7. Which protocol is primarily used to transfer web pages over the Internet?
- A) FTP
 - B) SMTP
 - C) HTTP
 - D) POP3
8. Which cyber attack floods a server with excessive traffic to make it unavailable?
- A) Phishing
 - B) Hacking
 - C) DDoS attack
 - D) Keylogging
9. If MONITOR = NPOJUPS, then KEYBOARD = ?
- A) LFZCPBSE
 - B) LFZCPBTF
 - C) LFZCPAES
 - D) LFYCPBSE
10. Which field of AI focuses on enabling machines to recognize and interpret visual information?
- A) Natural Language Processing
 - B) Computer Vision
 - C) Robotics
 - D) Networking

Answers: C, C, B, C, C, B, C, C, A, B



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Sample Papers

Class 7

YOGA AND PHYSICAL HEALTH

1. Which category of asanas mainly includes Shavasana and Setu Bandhasana?
 - A) Standing postures
 - B) Sitting postures
 - C) Supine postures
 - D) Prone postures

2. Which physiological benefit is MOST directly associated with regular pranayama practice?
 - A) Reduced lung efficiency
 - B) Improved oxygen utilization
 - C) Increased blood pressure only
 - D) Reduced flexibility

3. During Surya Namaskar, improper breathing coordination may primarily affect:
 - A) Muscle balance and stamina
 - B) Hair growth
 - C) Bone length
 - D) Eye colour

4. Why are cool-down exercises recommended after intense physical activity?
 - A) To suddenly stop blood circulation
 - B) To gradually normalize heart rate and breathing
 - C) To increase muscle stiffness
 - D) To reduce oxygen supply

5. Which asana is MOST effective for strengthening concentration and balance simultaneously?
 - A) Vrikshasana
 - B) Vajrasana
 - C) Shavasana
 - D) Makarasana



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Sample Papers *Class 7*

YOGA AND PHYSICAL HEALTH

6. A balanced diet for active students should contain adequate proteins mainly because proteins:
- A) Provide roughage only
 - B) Repair and build body tissues
 - C) Reduce blood circulation
 - D) Prevent breathing
7. Which relaxation technique is MOST effective in reducing stress hormones and calming the nervous system?
- A) Rapid sprinting
 - B) Deep breathing with mindfulness
 - C) Heavy weightlifting only
 - D) Continuous jumping exercises
8. If regular yoga improves posture and proper posture reduces muscular strain, then regular yoga may help in reducing:
- A) Muscle strain
 - B) Oxygen intake
 - C) Flexibility
 - D) Coordination
9. Find the odd one out.
- A) Endurance
 - B) Flexibility
 - C) Balance
 - D) Pollution
10. Which body system works most actively during aerobic physical activities and pranayama?
- A) Respiratory and circulatory systems
 - B) Digestive system only
 - C) Excretory system only
 - D) Skeletal system only

Answers: C, B, A, B, A, B, B, A, D, A