



EDULIGHT ENDEAVOUR TALENT HUNT OLYMPIAD

Sample Papers

CLASS 6

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

English : Parts of Speech and Subject-Verb Agreement, Tense, Voice and Reported Speech, Gerund and Infinitive, Synonyms, Antonyms and One Word Substitution, Sentence Improvement and Error Finding, Reading and Comprehension Skill, Logical Reasoning

Mathematics : Number Systems and Integers, Factors, Multiples and Prime Time, Fractions and Decimals, Ratio and Proportion, Algebra (Basic Algebraic Expressions), Geometry – Lines, Angles, Perimeter and Area, Data Handling and Logical Reasoning

Science : Food and Nutrition, Materials and Their Classification, The Living Organisms – Characteristics and Habitats, Motion, Measurement and Physical Quantities, Light, Electricity and Magnetism, Natural Resources and Energy, Reasoning and Aptitude

General Knowledge : India and the World, Indian Constitution and Polity, Geography – Rivers, Climate and Landforms, History – Freedom Struggle and Freedom Fighters, Science and Technology, Current Affairs, Logical Reasoning

Social Studies : Major Landforms and Domains of the Earth, India's Physical and Political Divisions, Early Human Civilization and Ancient Kingdoms, Unity in Diversity and Indian Culture, Local Government and Democratic System, Natural Resources and Energy, Maps and Globes

Computer Science : Fundamentals of Computers (Hardware, Software, I/O Devices), Algorithm and Flowchart, MS-Word and MS-Excel (Tables, Charts and Layouts), Internet, Networking and Cyber Safety, Introduction to HTML, Logical Reasoning, AI, Robotics and Latest Developments in IT

Yoga and Physical Health : Meaning and importance of Yoga in daily life, Rules and safety practices during Yoga, Correct posture and body alignment, Introduction to Asanas (standing, sitting, lying), Benefits of Tadasana, Vrikshasana and Vajrasana, Introduction to Surya Namaskar, Simple breathing exercises (deep breathing), Introduction to Pranayama, Role of Yoga in physical fitness, Yoga for good posture and flexibility, Healthy habits and personal hygiene, Importance of relaxation and calm breathing



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HINDI

1. 'दिग्गज' शब्द किस समास का उदाहरण है?
A) द्विगु
B) बहुव्रीहि
C) कर्मधारय
D) अव्ययीभाव
2. 'निरुपाय' शब्द में उपसर्ग और मूल शब्द का सही मेल चुनिए।
A) निर + उपाय
B) नि + उपाय
C) निरु + पाय
D) न + उपाय
3. 'विद्यार्थी' शब्द में कौन-सा प्रत्यय प्रयुक्त हुआ है?
A) अर्थी
B) थी
C) ई
D) आर्थी
4. 'नीर-क्षीर विवेक' लोकोक्ति का अर्थ क्या है?
A) जल और दूध अलग करना
B) अच्छे-बुरे में भेद करना
C) कठिन कार्य करना
D) दूसरों की सहायता करना
5. 'अनर्थ' का विलोम चुनिए।
A) विपत्ति
B) हानि
C) कल्याण
D) अन्याय



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HINDI

6. निम्न में से कौन-सा वाक्य पूर्णतः शुद्ध है?

- A) मुझे आपकी बातों से सहमति है।
- B) विद्यार्थियों ने अपना-अपना कार्य पूर्ण किया।
- C) दोनों
- D) कोई नहीं

7.. 'यदि कोई भी आलसी विद्यार्थी सफल नहीं होता और सभी परिश्रमी विद्यार्थी समय का सदुपयोग करते हैं' — कौन-सा निष्कर्ष निश्चित रूप से सही है?

- A) सभी सफल विद्यार्थी परिश्रमी हैं
- B) कोई आलसी विद्यार्थी सफल नहीं होता
- C) सभी समय का सदुपयोग करने वाले सफल हैं
- D) कुछ आलसी विद्यार्थी सफल हैं

8. यथाशक्ति' में कौन-सा समास है?

- A) तत्पुरुष
- B) द्वंद्व
- C) अव्ययीभाव
- D) बहुव्रीहि

9 सही विराम-चिह्न वाला वाक्य चुनिए।

- A) राम ने कहा, "क्या तुम मेरे साथ चलोगे?"
- B) राम ने कहा "क्या तुम मेरे साथ चलोगे?"
- C) राम ने कहा, "क्या तुम मेरे साथ चलोगे".
- D) राम ने कहा "क्या तुम, मेरे साथ चलोगे?"

10. 'आँखों का तारा' मुहावरे का अर्थ क्या है?

- A) बहुत सुंदर
- B) अत्यंत प्रिय
- C) अत्यंत बुद्धिमान
- D) अत्यंत क्रोधित

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



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Sample Papers *Class 6*

ENGLISH

1. Choose the sentence with correct subject-verb agreement.

- A) Each of the students have submitted the assignment.
- B) The bouquet of roses smell sweet.
- C) Neither the teacher nor the students were informed.
- D) Mathematics are my favourite subject.

2. Identify the sentence in passive voice.

- A) The committee approved the proposal.
- B) The proposal was approved by the committee.
- C) The proposal has approved the committee.
- D) The committee was approving the proposal.

3. Choose the correct reported speech:

Rahul said, "I have completed my homework."

- A) Rahul said that he completed his homework.
- B) Rahul said that he had completed his homework.
- C) Rahul said that he has completed his homework.
- D) Rahul says that he had completed his homework.

4.. Identify the infinitive in the sentence:

"She decided to participate in the competition."

- A) Decided
- B) Participate
- C) To participate
- D) Competition

5. One word substitution for:

"A person who loves mankind."

- A) Optimist
- B) Philanthropist
- C) Biologist
- D) Linguist



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Sample Papers *Class 6*

ENGLISH

6. Find the error in the sentence:

"Hardly had he reached the station than the train left."

- A) Hardly
- B) Reached
- C) Than
- D) Left

7. Read the statement carefully:

"All squares are rectangles. Some rectangles are not parallelograms."

Which conclusion is definitely true?

- A) All parallelograms are squares
- B) Some rectangles are not parallelograms
- C) All rectangles are squares
- D) No square is a rectangle

8. Choose the antonym of "Transparent".

- A) Clear
- B) Opaque
- C) Visible
- D) Bright

9. Rearrange the sentence correctly:

"no sooner / the bell / had / rung / than / students / rushed out / the"

- A) No sooner the bell had rung than students rushed out.
- B) No sooner had the bell rung than the students rushed out.
- C) The students no sooner had rung the bell than rushed out.
- D) Had no sooner the bell rung than students rushed out.

10. Choose the correctly spelled word.

- A) Conscience
- B) Consience
- C) Consciense
- D) Conshience

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



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Sample Papers *Class 6*

MATHEMATICS

1. Which of the following integers is greatest?

- A) -15
- B) -9
- C) -2
- D) -20

2. Find the HCF of 84 and 126.

- A) 18
- B) 24
- C) 36
- D) 42

3. Simplify:

$$58 + 712 - 16 \frac{5}{8} + \frac{7}{12} - \frac{1}{6} 85 + 127 - 61$$

- A) $2524 \frac{25}{24} 2425$
- B) $2324 \frac{23}{24} 2423$
- C) $1924 \frac{19}{24} 2419$
- D) $2924 \frac{29}{24} 2429$

4. If 12 workers can complete a task in 15 days, how many days will 20 workers take to complete the same task?

- A) 6
- B) 8
- C) 9
- D) 10

5. Simplify:

$$3x + 5 - 2x + 7 - 43x + 5 - 2x + 7 - 4$$

- A) $x + 8x + 8x + 8$
- B) $x + 6x + 6x + 6$
- C) $2x + 82x + 82x + 8$
- D) $3x + 83x + 83x + 8$



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Sample Papers *Class 6*

MATHEMATICS

6. Two complementary angles are in the ratio 2 : 3. Find the larger angle.
- A) 36°
B) 48°
C) 54°
D) 60°
7. The perimeter of a rectangle is 74 cm. If length = 22 cm, find breadth.
- A) 12 cm
B) 14 cm
C) 15 cm
D) 16 cm
8. A pie chart shows expenditure of a family. Food occupies 144° . What percentage of expenditure is spent on food?
- A) 30%
B) 35%
C) 40%
D) 45%
9. A person walks 12 m north, then 16 m east, then 12 m south. How far is he from the starting point?
- A) 12 m
B) 14 m
C) 16 m
D) 20 m
10. Find the next number in the series:
2, 6, 18, 54, 162, ?
- A) 324
B) 468
C) 486
D) 512

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



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Sample Papers *Class 6*

SCIENCE

1. Which nutrient helps in repairing body tissues?
A) Carbohydrates
B) Proteins
C) Vitamins
D) Minerals

2. Which material is most suitable for making electric wires?
A) Rubber
B) Glass
C) Copper
D) Plastic

3. Which characteristic distinguishes living organisms from non-living things?
A) Shape
B) Movement due to external force
C) Reproduction
D) Colour

4. The SI unit of mass is:
A) Gram
B) Kilogram
C) Newton
D) Litre

5. Which mirror always forms a virtual and diminished image?
A) Concave mirror
B) Plane mirror
C) Convex mirror
D) Cylindrical mirror



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Sample Papers *Class 6*

SCIENCE

6. Which arrangement will make a bulb glow brightest?
- A) Open circuit
 - B) Weak cell only
 - C) Closed circuit with fresh cells
 - D) Plastic wire connection
7. Which energy transformation occurs in an electric fan?
- A) Mechanical to electrical
 - B) Electrical to mechanical
 - C) Heat to electrical
 - D) Chemical to heat
8. Find the odd one out.
- A) Coal
 - B) Petroleum
 - C) Biogas
 - D) Natural gas
9. If all herbivores eat plants and deer is a herbivore, then deer:
- A) Eats plants
 - B) Eats meat
 - C) Does not eat plants
 - D) Is omnivorous
10. Which phenomenon explains why stars appear to twinkle?
- A) Reflection
 - B) Dispersion
 - C) Atmospheric refraction
 - D) Scattering

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



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Sample Papers Class 6

GENERAL KNOWLEDGE

1. Which Article of the Indian Constitution deals with Fundamental Rights?
A) Articles 12–35
B) Articles 36–51
C) Articles 52–78
D) Articles 79–122

2. Which river originates from the Yamunotri Glacier?
A) Ganga
B) Yamuna
C) Brahmaputra
D) Godavari

3. Who founded the Forward Bloc?
A) Bhagat Singh
B) Sardar Patel
C) Subhas Chandra Bose
D) Jawaharlal Nehru

4. Which scientist is known for discovering penicillin?
A) Louis Pasteur
B) Alexander Fleming
C) Marie Curie
D) Newton

5. Which country has the capital “Brasília”?
A) Brazil
B) Argentina
C) Mexico
D) Peru



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Sample Papers *Class 6*

GENERAL KNOWLEDGE

6. Which type of rainfall occurs due to heating of land?

- A) Cyclonic rainfall
- B) Orographic rainfall
- C) Convectional rainfall
- D) Frontal rainfall

7. Current Affairs Pattern:

Which international body conducts climate conferences known as COP meetings?

- A) WHO
- B) UNESCO
- C) United Nations Framework Convention on Climate Change
- D) IMF

8. Find the odd one out.

- A) Delta
- B) Plateau
- C) Peninsula
- D) Isthmus

9. Which planet has the largest number of known moons?

- A) Earth
- B) Mars
- C) Jupiter
- D) Venus

10. If EARTH = 52 (sum of positions), then MOON = ?

- A) 45
- B) 57
- C) 61
- D) 65

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



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Sample Papers Class 6

SOCIAL STUDIES

1. Which layer of the atmosphere contains most weather phenomena?
A) Stratosphere
B) Troposphere
C) Mesosphere
D) Thermosphere

2. Which plateau is known as the “Roof of the World”?
A) Deccan Plateau
B) Tibetan Plateau
C) Iranian Plateau
D) Brazilian Plateau

3. Which civilisation developed between the Tigris and Euphrates rivers?
A) Egyptian
B) Chinese
C) Mesopotamian
D) Indus Valley

4. Which physical division of India is richest in mineral resources?
A) Northern Plains
B) Peninsular Plateau
C) Coastal Plains
D) Himalayas

5. Which institution conducts elections in India?
A) Parliament
B) Supreme Court
C) Election Commission of India
D) Finance Commission



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Sample Papers *Class 6*

SOCIAL STUDIES

6. Which resource is classified as inexhaustible?

- A) Coal
- B) Petroleum
- C) Solar energy
- D) Natural gas

7. Which imaginary line passes through Greenwich, England?

- A) Equator
- B) Tropic of Cancer
- C) Prime Meridian
- D) Arctic Circle

8. Find the odd one out.

- A) Panchayat Samiti
- B) Zila Parishad
- C) Municipal Corporation
- D) Gram Sabha

9. Which ruler is associated with the spread of Buddhism after the Kalinga War?

- A) Chandragupta Maurya
- B) Ashoka
- C) Samudragupta
- D) Harshavardhana

10. Which longitude determines Indian Standard Time (IST)?

- A) 75°E
- B) 82½°E
- C) 90°E
- D) 66½°E

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



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Sample Papers Class 6

COMPUTER SCIENCE

1. Which unit performs arithmetic and logical operations inside the CPU?
A) CU
B) RAM
C) ALU
D) ROM

2. Which flowchart symbol represents “Input/Output”?
A) Rectangle
B) Oval
C) Parallelogram
D) Diamond

3. In MS-Excel, which function is used to calculate the average of numbers?
A) COUNT
B) SUM
C) MAX
D) AVERAGE

4. Which topology connects all computers to a central device?
A) Ring topology
B) Bus topology
C) Star topology
D) Mesh topology

5. Which cyber threat disguises itself as legitimate software?
A) Firewall
B) Trojan Horse
C) Antivirus
D) Router



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Sample Papers *Class 6*

COMPUTER SCIENCE

6. Which HTML tag is used to insert an image?

- A) <table>
- B)
- C) <body>
- D) <p>

7. If SYSTEM = TZTUFN, then ROBOTS = ?

- A) SPCPUT
- B) SPCPUT
- C) SPCPUTT
- D) SPCPUTS

8. Which branch of AI focuses on enabling computers to understand human language?

- A) Robotics
- B) Machine Learning
- C) Natural Language Processing
- D) Networking

9. Find the odd one out.

- A) Compiler
- B) Interpreter
- C) Assembler
- D) Keyboard

10. Which protocol is mainly used to browse websites on the Internet?

- A) FTP
- B) HTTP
- C) SMTP
- D) POP3

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



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Sample Papers *Class 6*

YOGA AND PHYSICAL HEALTH

1. During Surya Namaskar, controlled breathing is important mainly because it:
 - A) Increases body weight
 - B) Synchronizes body movement with oxygen supply
 - C) Reduces flexibility
 - D) Stops muscle activity
2. Which asana primarily improves spinal alignment and posture by stretching the entire body upward?
 - A) Vajrasana
 - B) Tadasana
 - C) Shavasana
 - D) Bhujangasana
3. In Vrikshasana, balance is maintained mainly by the coordination between:
 - A) Digestive and respiratory systems
 - B) Muscles, inner ear, and nervous system
 - C) Heart and lungs only
 - D) Bones and skin only
4. Which of the following is the MOST appropriate sequence before starting advanced yoga postures?
 - A) Running fast → skipping warm-up → asanas
 - B) Deep breathing → warm-up → stretching → asanas
 - C) Sleeping → meditation → asanas
 - D) Heavy meal → Surya Namaskar
5. Which pranayama practice mainly focuses on slow and deep inhalation–exhalation for calming the mind?
 - A) Kapalbhati
 - B) Deep breathing
 - C) Sprint breathing
 - D) Forceful exhalation only



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Sample Papers *Class 6*

YOGA AND PHYSICAL HEALTH

6. Which condition is MOST likely to occur due to incorrect body alignment during yoga practice?
- A) Improved concentration
 - B) Better flexibility
 - C) Muscle strain or injury
 - D) Increased lung capacity
7. Why is Vajrasana considered unique among sitting postures?
- A) It can be practiced comfortably after meals
 - B) It requires standing balance
 - C) It is performed only outdoors
 - D) It increases heartbeat rapidly
8. Read the statements carefully:
- (i) Regular yoga improves flexibility.
 - (ii) Improved flexibility reduces the chance of muscle stiffness.
- Which conclusion is definitely correct?
- A) Yoga increases muscle stiffness
 - B) Yoga may help reduce muscle stiffness
 - C) Flexibility is unrelated to yoga
 - D) Only athletes need flexibility
9. Which component of physical fitness is MOST directly improved by holding Tadasana steadily for a long duration?
- A) Speed
 - B) Balance and posture control
 - C) Sprinting ability
 - D) Reaction time only
10. A student practices yoga daily, maintains hygiene, follows a balanced diet, and sleeps adequately. Which long-term effect is MOST likely?
- A) Reduced concentration and stamina
 - B) Improved physical and mental well-being
 - C) Increased fatigue and stress
 - D) Weak immunity and poor posture

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