



CBSE Affiliation No. 1730579

ENTRANCE TEST

[For Class VIIth Students]

IMPORTANT INSTRUCTIONS

1. This Booklet contains 11 pages including instruction page.
2. Do not open this Test Booklet until you are asked to do so.
3. The test is of **1/2 Hours** duration for **Each Subject**.
4. There are four parts in the question paper consisting of **Mathematics, Science, English & Hindi**.
5. No candidate is allowed to carry any textual material, printed or written, bits of papers, pager, mobile phone, any electronic device, etc. except the Admit Card inside the examination room / hall.
6. On completion of the test, the candidate must hand over this Test Booklet to the Invigilator on duty in the Room / Hall.

Name of the Student : _____

Father's Name : _____

Date of Entrance Test :

Report Status : _____

Subject	Max. Marks	Marks Obtained
Mathematics	25	
Science	25	
English	25	
Hindi	25	
Total	100	





Admission Granted : Yes No

Authorised Signature

Subject : MATHEMATICS

Time : $\frac{1}{2}$ Hr

M. Marks :25

- Q.1** Choose the correct option. **[10 × 1 = 10]**
- (i) $52.14 + 52.14$ is ()
(a) 104.28 (b) 10.428 (c) 1.0428 (d) none of these
- (ii) Tally mark for 10 is ()
(a)  (b)  (c)  (d) none of these
- (iii)  Any two line segments are ()
(a) AB and BC (b) BC and CD (c) CD and AD (d) All of these
- (iv) In a circle longest chord is ()
(a) radius (b) diameter (c) Arc (d) Circumference
- (v) One right angle is ()
(a) 90° angle (b) 60° angle (c) 120° angle (d) 45° angle
- (vi) Example of 3D shape is ()
(a) Cube (b) Cuboid (c) Pyramid (d) All
- (vii) Addition of $\frac{3}{4}$ and $\frac{5}{4}$ is ()
(a) $\frac{4}{8}$ (b) $\frac{8}{4}$ (c) $\frac{6}{4}$ (d) $\frac{15}{4}$
- (viii) Mixed fraction of $\frac{17}{4}$ is ()
(a) $7\frac{4}{1}$ (b) $4\frac{1}{4}$ (c) $4\frac{4}{4}$ (d) none of these
- (ix) Area of square is ()
(a) $4 \times \text{side}$ (b) $\text{side} \times \text{side}$ (c) $2 \times \text{side}$ (d) $3 \times \text{side}$
- (x) 3 more than y is ()
(a) $3 + y$ (b) $y - 3$ (c) $3y$ (d) none of these

Q.2 Fill in the blanks. **[5 × 1 = 5]**

- (i) Comparison of two quantities is _____ (Ratio / solution)
- (ii) An _____ has two sides L.H.S. and R.H.S. (equation / solution)
- (iii) _____ is the distance covered along the boundary forming a closed figure. (Perimeter / Area)
- (iv) _____ represents data through pictures and objects. (Pictograph / bar graph)
- (v) Fraction is a number representing a part of a _____ (Half / Whole)

Q.3 Write True / False. **[5 × 1 = 5]**

- (i) If ratio are equal then they are in proportion. ()
- (ii) The value of the variable in an equation which satisfies the equation is called a solution. ()
- (iii) $2(l + b)$ is the perimeter of rectangle. ()
- (iv) In $\frac{5}{7}$, 5 is called the numerator and 7 is called the denominator. ()
- (v) -5 is greater than 5. ()

Q.4 Simplify : **[3 × 1 = 3]**

(i) Add

(a) $11 + (-7)$

(b) $(-13) + (+18)$

(c) $12 + (-13) + 14$

Q.5 Rashid spend `35.75 for maths and ` 32.60 for science book. Find the total amount spent by Rashid. **[2 × 1 = 2]**

Subject : SCIENCE

Time : ½ Hr

M. Marks :25

Q.1 Choose the correct option :

[10 × 1 = 10]

- (i) Honey bees collect nectar from :
(a) flowers (b) roots (c) stem (d) leaves ()
- (ii) Deficiency of iron in the body causes
(a) scurvey (b) anemeia (c) rickets (d) diabetes ()
- (iii) Silk is obtained from ()
(a) earth worm (b) silk worm (c) peaworm (d) none of these
- (iv) Melting of ice is a
(a) physical & irreversible (b) chemical change
(c) physical & reversible (d) none of these ()
- (v) A mixture of tea leaves and iron fillings are separated by ()
(a) filtration (b) magnet (c) hand pickling (d) evaporation
- (vi) The S.I unit of length is
(a) milimetre (b) centimetre (c) kilometre (d) metre ()
- (vii) The mutual push of two bodies away from each other is called ()
(a) attraction (b) compass (c) magnetic (d) repulsion
- (viii) When the air is dry, the rate of evaporation ()
(a) increases (b) decreases (c) no change (d) none of these
- (ix) Which waste can be recycled ? ()
(a) paper (b) glass (c) plastic (d) all of these
- (x) Earth worm is a farmer's ()
(a) enemy (b) friend (c) both (a) & (b) (d) neither (a) nor (b)

Q.2 Fill in the blanks :

[6 × ½ = 3]

- (i) Food gives us _____ to do work.
- (ii) Breaking of chalk is a _____ change.
- (iii) Salt is obtained from sea water by _____ .
- (iv) One metre is _____ centimetre.
- (v) An electric cell has _____ terminals.

Q.3 State whether the statements are 'True' or 'False' :

[6 × ½ = 3]

- (i) Meat alone is sufficient to provide all nutrients to the body. ()
- (ii) Polyester is a natural fibre. ()
- (iii) The solubility of substance decreases on heating. ()
- (iv) The motion of a giant wheel is circulatory motion. ()
- (v) Our body is a conductor of electricity. ()
- (vi) Air helps in flying a kite. ()

Q.4 Match the following :

[6 × ½ = 3]

- | Column A | Column B |
|---------------------------------|----------------|
| (i) Vitamin C | iron |
| (ii) Jute, silk, wool | scurvey |
| (iii) Changing steam into water | microorganisms |
| (iv) Magnet | natural fibres |
| (v) Filament | condensation |
| (vi) Vermi-composting | bulb |

Q.5 Answer these questions in short:

[2 × ½ = 3]

- (i) What is vermi-composting ?

(ii) What are transport materials ?

Q.6 Draw a well labelled diagram of water cycle.

[3 × 1 = 3]

Subject : ENGLISH

Time : ½ Hr

M. Marks :25

Q.1 Supply the necessary articles wherever necessary : (a, an, the) [5 × 1 = 5]

- (i) Hawaii is _____ island in the Pacific ocean.
- (ii) The teachers went for _____ picnic.
- (iii) Christmas comes once _____ year.
- (iv) _____ dog belongs to the canine family.
- (v) My best friend is _____ artist.

Q.2 Fill in the blanks with prepositions : (since, off, with, in, on) [5 × 1 = 5]

- (i) The parent teacher meeting was _____ Monday.
- (ii) I haven't met him _____ 2004.
- (iii) Everyone chatted _____ the room.
- (iv) She sat _____ her best friend during the journey.
- (v) Switch _____ the light.

Q.3 Fill in the blanks with suitable conjunctions : [5 × 1 = 5]

(yet, before, because, and, but)

- (i) She is clever _____ careless.
- (ii) I like cookies _____ chocolates.
- (iii) We will return _____ it gets dark.
- (iv) We took an umbrella _____ it was raining.
- (v) He is slow _____ he is hard working.

Q.4 Change the following into passive voice : [5 × 1 = 5]

- (i) He sang a song.

- (ii) I will write a letter tomorrow.

Subject : HINDI

Time : ½ Hr

M. Marks :25

प्र.1 सभी प्रश्न करना अनिवार्य है।

[10 × 1 = 10]

i. 'देवालय' शब्द का संधि विच्छेद है -

(अ) देवा + लय (ब) देव + आलय (स) देवा + आलय (द) देवता + लय ()

ii. 'विद्यालय' शब्द में संधि है।

(अ) दीर्घ संधि (ब) गुण संधि (स) अयादि संधि (द) वृद्धि संधि ()

iii. 'अपेक्षा' शब्द विलोम शब्द है -

(अ) अनुप्रेक्षा (ब) उपेक्षा (स) उत्प्रेक्षा (द) इनमें से कोई नहीं ()

iv. 'अधिकार' में उपसर्ग है -

(अ) अध् (ब) अ (स) अधिक (द) अधि ()

v. 'बादल' शब्द के पर्यायवाची शब्द है -

(अ) अम्बर, गगन (ब) मेघ, पयोद (स) जलधि, तुरंग (द) इनमें से कोई नहीं

vi. संज्ञा या सर्वनाम शब्दों की विशेषता बताने वाले शब्द कहलाते हैं -

(अ) अव्यय (ब) समास (स) विशेषण (द) क्रिया ()

vii. 'माता-पिता' पद में समास है -

(अ) बहुब्रीहि (ब) द्वन्द्व (स) द्विगु (द) कर्मधारय ()

viii. 'आग बबूला होना' मुहावरे का अर्थ है -

(अ) बहुत खुश होना (ब) बहुत क्रोधित होना (स) बहुत बोलना (द) इनमें से कोई नहीं ()

ix. समास के भेद होते हैं-

(अ) दो (ब) तीन (स) पाँच (द) छः ()

x. 'उचित' का विलोम शब्द है -

(अ) अनुचित (ब) गलत (स) अनुपयोगी (द) अनुतीर्ण

प्र.2 सही के आगे (✓) तथा गलत के आगे (×) का निशान लगाइये।

[4 × 1 = 4]

(i) दो शब्दों के मेल को समास कहते हैं। ()

(ii) एक से अधिक अर्थ रखने वाले शब्द अनेकार्थी कहलाते हैं। ()

(iii) किसी वस्तु, व्यक्ति या स्थान के नाम को विशेषण कहते हैं। ()

(iv) संज्ञा के स्थान पर प्रयुक्त किये जाने वाले शब्द सर्वनाम कहलाते हैं। ()

SEAL