CAREER POINT
gurukul

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 : ½ 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) A B C D 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 $\dfrac{3}{4}$ and $\dfrac{5}{4}$ is

(a) $\dfrac{4}{8}$ (b) $\dfrac{8}{4}$ (c) $\dfrac{6}{4}$ (d) $\dfrac{15}{4}$ (   )

(viii) Mixed fraction of $\dfrac{17}{4}$ is   (   )

(a) $7\dfrac{4}{1}$ (b) $4\dfrac{1}{4}$ (c) $4\dfrac{4}{4}$ (d) none of these

(ix) Area of square is

(a) 4 × side   (b) side × side   (c) 2 × side   (d) 3 × side   (   )

(x) 3 more than y is   (   )

(a) 3 + y   (b) y – 3   (c) 3y   (d) none of these

[2]

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 $\dfrac{5}{7}$, 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-compositing   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.

  _____

(iii) Sheela had taken the bag.

_____

(iv) Does Simran like oranges ?

_____

(v) Smoking causes fatal illness.

_____

Q.5 Write a letter to the editor of 'The times of India', about the noise pollution caused by loudspeakers in your locality. Sign as Priya / Pranav.

<div align="center">OR</div>

Write a notice informing students about a seminar in your school on 'How to beat examination blues' by Psycologist Dr. Dipti Iyer. **[5 × 1 = 5]**

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

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) द्वन्द   (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 है–

(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 है।   (   )

(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।   (   )

प्र.3 निम्न विकल्पों में से सही विकल्प का चयन कर रिक्त स्थान की पूर्ति कीजिए। [3 × 1 = 3]

(i) जिसका अन्त न हो _____ । (आदि / अनंत)

(ii) दो वर्णों के मेल को _____ कहते हैं। (संधि / अव्यय)

(iii) शब्द के पहले जुड़कर नए शब्द का निर्माण करने वाले शब्द _____ कहलाते हैं।(उपसर्ग / प्रत्यय)

प्र.4 निम्न में से किसी एक विषय पर अनुच्छेद लिखिए। [4]

(i) वर्षा ऋतु

(ii) हमारे राष्ट्रीय पर्व।

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

प्र.5   जन्म दिन की बधाई देते हुए अपने मित्र को एक पत्र लिखिए।   [4]