CAREER POINT
gurukul

CBSE Affiliation No. 1730579

ENTRANCE TEST
[For Class VIIIth 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

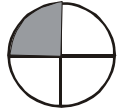**Time : ½ Hr**   **M. Marks :25**

Q.1 Choose the correct option.   **[10 × 1 = 10]**

   i.   a × (–b) is
     (a) –ab   (b) ab   (c) –a × –b   (d) none   (   )

   ii. What is the fraction for shaded region.

     (a) $\dfrac{1}{2}$ (b) $\dfrac{2}{2}$ (c) $\dfrac{1}{4}$ (d) $\dfrac{4}{1}$ (   )

   iii. _____is maximum frequency of data.
     (a) mean   (b) mode   (c) median   (d) none   (   )

   iv. 5p = 20 then find the value of P.
     (a) 4   (b) 5   (c) 56   (d) 100   (   )

   v. Which angle is complement angle of 10º.
     (a) 80º   (b) 82º   (c) 83º   (d) 170º   (   )

   vi. Which does not represent the congruence of triangle.
     (a) AAA   (b) SSA   (c) SSS   (d) AAS   (   )

   vii. Ratio of Rs 5 to 50 paise is-
     (a) $\dfrac{50}{50}$ (b) $\dfrac{500}{50}$ (c) $\dfrac{5000}{5}$ (d) $\dfrac{5}{5000}$ (   )

   viii. _____are numerators of fractions with denominator 100.
     (a) Percentage   (b) Ratio   (c) Proportion   (d) Interest   (   )

   ix. Simple interest is-   (   )
     (a) $\dfrac{P \times R}{T}$ (b) $P \times R \times T$ (c) $\dfrac{P \times R \times T}{100}$ (d) $P \times R = T \times 100$

   x. Gain is a situation where-
     (a) S.P > C.P   (b) S.P < C.P   (c) S.P = C.P   (d) $\dfrac{S.P}{C.P} = 1$ (   )

Q.2 Write true or false.   **[5 × 1 = 5]**

   (i)   An equation remains equal if the L.H.S. and R.H.S. are interchanged   (   )

   (ii)   Supplementary angle lies between 90º to 100º.   (   )

   (iii)   The price at which you sell is known as the selling price.   (   )

   (iv)   The measure of exterior angle of a triangle is equal to the measure of sum
       of its interior opposite angles.   (   )

   (v)   Arithmetic means is one of the representative values of data.   (   )

Q.3 Fill in the blanks. **[5 × 1 = 5]**

    (i)   Base, Perpendicular and _____are the elements of pythagores theorem.
            (Hypotenous / Height).

    (ii)   A _____ is a representation of numbers using bars of uniform width.
            (bar graph / Pictograph)

    (iii)   _____ is a condition on a varible such that two expressions in the variable
            showed have equal value. (equation / solution)

    (iv)   If two angles are supplementary, then the sum of their measures is _____ (180º / 90º)

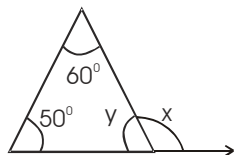   (v)   Two line segments are congruent if the _____is equal.(length / height).

Q.4 Simplify. **[3 × 1 = 3]**

    (i) $11 - (+12) + 3\,m + n + 2m$

    (ii) $7^2 \times 2^2$

    (iii) $(-2)^3 \times (-10)^3$

Q.5 Find the value of x and y. **[2 × 1 = 2]**

Subject : SCIENCE

Time : ½ Hr   **M. Marks :25**

Q.1 **Choose the correct option :**   **[10 × 1 = 10]**

(i)   Nutrients are substances present in

(a) water   (b) food   (c) plant   (d) nutrition   (   )

(ii)   Silkworms are fed on

(a) mango leaves   (b) neem leaves

(c) mulberry leaves   (d) all of them   (   )

(iii)   Heat is a form of

(a) friction   (b) electricity   (c) energy   (d) all of the above   (   )

(iv)   Moving air is called

(a) storm   (b) temperature   (c) humidity   (d) wind   (   )

(v)   Soil has

(a) humus   (b) micro-organism   (c) air   (d) all of these   (   )

(vi)   Plants exchange gases through

(a) stem   (b) leaves   (c) stomata   (d) none of these   (   )

(vii)   Which organ of the circulatory system pumps blood ?

(a) lungs   (b) kidneys   (c) heart   (d) blood   (   )

(viii) Yeast cells are reproduced by

(a) fission   (b) budding

(c) sporulation   (d) all of these   (   )

(ix)   Which clock was not used in ancient times ?

(a) sand clock   (b) stop watch

(c) water clock   (d) candle clock   (   )

(x)   Image formed by a plane mirror is always

(a) real   (b) inverted

(c) virtual and enlarged   (d) virtual and of same size   (   )

Q.2 **Fill in the blanks :**   **[6 × ½ = 3]**

(i)   .... breed in waterlogged drains or places.

(ii)   Wild animals live in ....

(iii) Humus is formed after the ....of dead plants.

(iv) A real image can be obtained on ....

(v) One solar year is equal to .... days.

(vi) .... is filtrartion of blood by artificial kidney.

Q.3 State whether the statements are True or False : [6 × ½ = 3]

(i) Carbon dioxide purifies air. ( )

(ii) Agriculture does not need water. ( )

(iii) The sun is the natural source of light. ( )

(iv) Fuse is a safety device. ( )

(v) Lungs remove urea from body. ( )

(vi) Liquid part of blood is called plasma. ( )

Q.4 Match the following : [6 × ½ = 3]

Column A		**Column B**
(i)	Excretory organ	ampere
(ii)	Reproductive part of a plant	zygote
(iii)	SI unit of current	stomata
(iv)	Fertilised egg	kidney
(v)	Transport of food	flower
(vi)	Exchange of gases	phloem

Q.5 Answer these questions in short : [2 × 1½ = 3]

(i) What is Rectilinear propagation of light ?

(ii)   Write three methods to save / conserve water at school.

(1) _____

_____

_____

(2) _____

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(3) _____

_____

_____

Q.6   Draw a well labelled diagram of parts of a complete flower.   **[3 × 1 = 3]**

Subject : ENGLISH

Q.1   **Fill in the blanks in the sentences below with appropriate prepositions.**   **[5 × 1 = 5]**

(i)   Mathura is .... Delhi and Agra.

(ii)   I am looking .... a job.

(iii)   We had to wait .... the next day.

(iv)   I am tired .... talking.

(v)   They were running .... the train.

Q.2   **Fill in the blanks with the correct tense of the verb :**   **[5 × 1 = 5]**

(i)   He worked hard that he .... pass.   (may or might)

(ii)   She said that God .... love.   (Is or was)

(iii)   You will think that I .... lazy.   (am or was)

(iv)   He proved that the earth .... round.   (is or was)

(v)   I shall forgive you if you .... me the truth.   (tell or told)

Q.3   **Fill in the blanks with suitable Auxiliary verbs given in brackets.**   **[5 × 1 = 5]**

(i)   The house .... built.   (is / am / are)

(ii)   She .... done a deed of shame.   (has / have)

(iii)   His wages .... paid forty pounds a day.   (is / am / are)

(iv)   Dr. Agarwal .... done his research work   (has / have)

(v)   The children .... pray to God.   (will / shall)

Q.4   **Fill in the blanks with little, a little or the little, few or the few.**   **[6 × ½ = 3]**

(i)   She has still .... money left in the bank.

(ii)   I gave to the poor .... money I had.

(iii)   I have .... friends in Delhi.

(iv)   He is a man of .... words.

(v)   .... were the words he said.

(vi)   .... friends he has are all helpful.

Q.5 **Change the following into passive voice :**   **[2 × 1 = 2]**

(i)   He made a very remarkable discovery.

_____

(ii)   Ronnie has sold his bicycle.

_____

Q.6   Write a message for your parents informing them that you have to leave for tuition and you are leaving the key of the house under the door mat, in about 50-60 words.   **[5 × 1 = 5]**

OR

Write an application to the Principal of your school seeking permission from him/her to come an hour late to the school for three days as you have to accompany your mother to the hospital. Sign as Priya / Pranav.

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Subject : HINDI

Time : ½ Hr **M. Marks :25**

प्र.1 निम्नलिखित प्रश्नों के उत्तर का सही विकल्प कोष्ठक में लिखिए।   **[10 × 1 = 10]**

(i) 'परोपकार' शब्द का संधि विच्छेद है –

(अ) पर + उपकार   (ब) परो + उपकार

(स) परो + ओपकार   (द) इनमें से कोई नहीं   (   )

(ii) 'सदैव' शब्द में कौनसी संधि है ?

(अ) गुण सन्धि   (ब) वृद्धि संधि

(स) दीर्घ सन्धि   (द) अयादि सन्धि   (   )

(iii) 'उचित' शब्द का विलोम शब्द है –

(अ) अवचित   (ब) अनुचित   (स) अपकार   (द) अनुपयोग   (   )

(iv) 'विदेश' शब्द में उपसर्ग है –

(अ) 'व'   (ब) विदे   (स) वि   (द) देश   (   )

(v) 'षडानन' पद में समास है –

(अ) द्विगु   (ब) कर्मधारय   (स) बहुब्रीहि   (द) इनमें से कोई नहीं   (   )

(vi) 'चौराहा' पद का समास विग्रह होगा –

(अ) चार और राह   (ब) चार राहों का समूह

(स) चोराहों का समूह   (द) पाँच राहों का समूह   (   )

(vii) 'कमल' शब्द का पर्यायवाची है –

(अ) जलज   (ब) पुलिन   (स) वसन   (द) वाटिका   (   )

(viii) 'ईश्वर में विश्वास रखने वाला' वाक्यांश के लिए एक शब्द है –

(अ) अनंत   (ब) अमर   (स) आस्तिक   (द) नास्तिक   (   )

(ix) संज्ञा या सर्वनाम शब्दों की विशेषता बताने वाले शब्द कहलाते है –

(अ) विशेषण   (ब) अव्यय   (स) सन्धि   (द) इनमें से कोई नहीं   (   )

(x) 'काला साँप' पद में रेखांकित शब्द है –

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

प्र.2 सही के आगे (✓) तथा गलत के आगे (✗) का निशान लगाइये।   **[5 × ½ = 2½]**

(i) शब्द के जिस रूप से उसके एक अथवा एक से अधिक होने का बोध हो, उसे वचन कहते है।   (   )

(ii) रचना के आधार पर वाक्य के चार प्रकार के होते है।   (   )

(iii) जो शब्द किसी लिंग, वचन, पुरुष काल आदि से प्रभावित न होकर, एक जैसे बने रहते है, वे अविकारी या अव्यय कहलाते है।   (   )

(iv) 'बिना विचारे किया गया विश्वास' वाक्यांश के लिए एक शब्द है – अंध विश्वास   (   )

(v) स्वर संधि के आठ भेद होते है।   (   )

प्र.3   रिक्त स्थान की पूर्ति कीजिए।   [5 × ½ = 2½]

(i)   एक से अधिक अर्थ रखने वाले शब्द .... कहलाते हैं।

(ii)   क्रिया की विशेषता बताने वाले शब्द ....कहलाते है।

(iii)   'कल विद्यालय बंद रहेगा।' प्रस्तुत वाक्य किस काल का उदाहरण है। ....
        (वर्तमान काल / भविष्य काल)

(iv)   समास के .... भेद होते हैं।

(v)   वह मुंबई से आया। रेखांकित पद में .... कारक है।

प्र.4   निम्न में से सही विकल्प चुनकर रिक्त स्थान की पूर्ति कीजिए।   [4]
(i)   किस शब्द में 'आ' उपसर्ग का प्रयोग हुआ है। .... (आजीवन / सफल)

(ii)   अव्ययी भाव समास का उदाहरण है। ....(प्रतिदिन / पाठशाला)

(iii)   राम बीस किलो आटा लाया। रेखांकित पद में विशेषण है। ....
        (परिमाण वाचक / गुणवाचक)

(iv)   लड़के धीरे–धीरे चलते हैं। प्रस्तुत वाक्य में रेखांकित पद है। ....
        (अविकारी या अव्यय / समास)

प्र.5   निम्न में से किसी एक पर अनुच्छेद लिखिए।   [3]
(i)   परोपकार
(ii)   हमारे राष्ट्रीय पर्व
(iii)   समय का सदुपयोग

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प्र.6 आपको पहली बार प्रधानाचार्या द्वारा पुरस्कार प्राप्त हुआ है। अपने इस अनुभव को मित्र को पत्र लिखकर बताइए। [3]