

**ASSOCIATION OF SCHOOLS FOR THE INDIAN SCHOOL CERTIFICATE**

**SCHOLARSHIP EXAMINATION-2015**

**STANDARD VII**

**Date of Examination : 30 September 2015**

**Starting Time: 10 am**

**Time :1½ hrs.**

**Max.Mark:100**

**School Code: \_\_\_\_\_**

**Name in Block Letters: \_\_\_\_\_**

**Signature of the Supervising Examiner : \_\_\_\_\_**

**Read the following instructions carefully:**

**You will not be allowed to write during the first 5 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is the time allowed for writing the answers.**

**All answers must be written on the space provided along with each question. Your work should be neat and no over writing is allowed. This question paper consists of four sections. All sections are to be answered. This booklet consists of 10 printed pages.**

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**SECTION A**

**I. Do as directed**

**[10]**

**(a) Write the appropriate antonym:**

abundant - .....

**(b) Give suitable synonym for:**

transformed - .....

**(c) Name this :**

Body of people gathered in a church to worship.

.....

**(d) Write the opposite gender of :**

(i) duck - .....

(ii) actor - .....

(e) Write the correct plural form of :

(i) runner – up - .....

(ii) louse - .....

(f) Write the correct form of the adjective given in brackets :

(i) It is surely ..... to preach than to practise. [easy]

(g) Complete the sentence using the correct preposition .

The cat slept on the bed ..... the little boy .

[ beside / besides ]

(h) Complete the pair of the italicised conjunction:

No sooner had I entered the room ..... I heard a loud explosion.

[ when / than / then ]

### SECTION B

Choose the right answer from the bracket :

[10]

(i) 65 boys : 100 boys = 26 girls : .....

[ 20 girls , 10 girls , 40 girls ]

(ii) Find x , if  $4x^3 = 108$  .....

[ 27 , 3 , 9 ]

(iii) What fraction is 25 years of one century ? .....

[  $\frac{1}{4}$  ,  $\frac{1}{5}$  ,  $\frac{1}{25}$  ]

(iv) The total surface area of a cube is  $486 \text{ cm}^2$  . Find the volume of the cube

.....

[  $792 \text{ cm}^3$  ,  $729 \text{ cm}^3$  ,  $81 \text{ cm}^3$  ]

(v) The degree of  $5x^2 + 4x^2$  is .....

[ 2 , 3 , 4 ]

(vi) The perimeter of an isosceles triangle is 26 cm . Two of the congruent

sides are 8cm each . Then the third side is .....

[ 8 cm , 9 cm , 10 cm ]

(vii) Find  $125 \div (7 \times 8 - 31) \times 8 - 3 \times 15 \div 15$  . .....

[ 47 , 37 , 41 ]

(viii) A car covers 24 km in one hour . How many kilometres will it

Cover in 20 minutes ? .....

[ 8km , 24 km , 20km ]

(ix) The square of  $15\frac{2}{3}$  is .....

[  $245\frac{4}{9}$  ,  $245\frac{9}{4}$  , 245 ]

(x)  $[(2^2)]^0 + 2^{-4} \div 2^{-6} + (\frac{1}{2})^{-3} =$  .....

[ 15 , 23 , 13 ]

### SECTION C

**Choose the correct answer**

**[25]**

(i) When an object is transferred from the earth to the moon .

Its .....

[ mass increases , mass remains unchanged , weight remains unchanged ]

(ii) At what temperature does a Celsius and a Fahrenheit scale give the same

reading ? .....

[  $100^{\circ}$  ,  $-40^{\circ}$  ,  $40^{\circ}$  ]

(iii) In 10 minutes a car with a speed of 60 km /h travels a distance of .....

[ 6 km , 600 km , 10 km ]

(iv) Device which uses heating effect of current is .....

[ cell , fuse , ammeter ]

(v) The gas in the atmosphere which acts as a natural shield against

ultra violet radiation is .....

[ oxygen , nitrogen , ozone ]

(vi) The chemical formula of iron rust is .....

[ FeO ,  $Fe_2O_3$  ,  $Fe_2O_3 \cdot xH_2O$  ,  $FeO_3$  ]



(vii) When  $\text{CO}_2$  is passed through lime water , it turns milky .

The milkiness is due to formation of .....

[  $\text{Ca}(\text{OH})_2$  ,  $\text{CO}_2$  ,  $\text{CaCO}_3$  ]

(viii) Which was the first reusable space craft send to space ?

.....

[ Challenger , Columbia , Buran ]

(ix) Which is the hottest planet in the solar system ?

.....

[ Mercury , Venus , Pluto ]

(x) What are small stars called ? .....

[ comets , meteors , dwarfs ]

(xi) What name is given to a group of 12 constellation through

which the Sun passes every year ? .....

[ Zodiac , Orion , Andromeda ]

(xii) Which scientist first realised about the work of gravity ?

.....

[ Issac Newton , Archimedes , Copernicus ]

(xiii) Part of the brain controlling muscular co-ordination

.....

[ cerebrum , cerebellum , medulla oblongata ]

(xiv) The organ affected by hepatitis. ....

[ lungs , liver , kidney ]

(xv) A learning disorder in children - .....

[ myopia , dysmelia , dyslexia ]

(xvi) Abnormal increase in WBC in human blood is an indication of .....

[ leukemia , thalassemia , phellagra ]

(xvii) D P T vaccine acts against - .....

[(a) diphtheria , polio , tetanus (b) diphtheria , whooping cough , tetanu:

(c) diphtheria , polio , tuberculosis ]

(xviii) Where would you find the metatarsal bones in the human body?

.....

[ hand , foot , thigh ]

(xix) Which one of the following is associated with AIDS ?

.....

[ IVE , HIV , GIFT ]

(xx) In eye donation , which one of the following part of the donor's eye is generally utilised ?

[ cornea , lens , retina ]

(xxi) The correct order of ear ossicles in human ear is .....

[ (a) incus , malleus , stapes (b) malleus , incus , stapes

(c) stapes , malleus , incus ]

(xxii) Heart is surrounded by a double walled membraneous covering called .....

[ meninges , pericardium , pleura ]

(xxiii) The chemical used in fire works to give sparkling effect is .....

[ potassium , sodium , magnesium ]

(xxiv) Medicines that give relief from excess of acids produced in the stomach

.....

[ antiseptics , antacids , antibiotics ]

(xxv) Who invented thermos flask ? .....

[ James Dewar , Galileo , James Joule ]

## SECTION D

**Choose the correct answer**

**[16]**

(i) The Mumbai bowler who retired on the same day as Sachin Tendulkar.

.....

[ Ajit Agarkar , Rahul Dravid , T . Dilshan ]

(ii) Which organ in the human body generates the most heat? .....

[ Kidney , Liver , Heart ]

(iii) The tennis star who got entry as a wild card but went on to win Wimbledon in 2001 .....

[ Pete Sampras , Tim Henman , Goran Ivanisevic ]

(iv) Which sporting team performed the traditional Maori dance before each of their matches ( country and sport )

[ New Zealand - Cricket , Australia - Cricket , New Zealand - Rugby ]

(v) The first Keralite to become the Chief Election Commissioner of India

[ V S Ramadevi , T N Sheshan , V S Sampath ]

(vi) How many languages are recognised by the Indian Constitution ? .....

[ 14 , 22 , 29 ]

(vii) Who was the only Chief Justice of the Supreme Court who became the acting President of India ? .....

[ Justice Muhammed Hidayathulla ,  
Justice K T Thomas , Justice A L Arora

(viii) "*Friends , Romans , countrymen , lend me your ears.*"

This famous saying is taken from Shakespeare's .....

[ Romeo & Juliet , Macbeth , Julius Caesar ]

(ix) Mary Ann Evans is known by the pen name .....

[ T. S. Eliot , George Eliot , George Orwell ]

(x) Nobel Prize in literature was won by ..... in 2014.

[ Herta Muller , Alice Munro , Patrick Modiano ]

(xi) Name the author of :

(a) Ignited Minds : .....

(b) Aadujeevitham : .....

(xii) In whose honour was August 29 chosen as the National Sports Day in India

[ Dhyan Chand , Kapil Dev , Sachin Tendulkar ]



(xiii) Which scientist became famous for his 'kite and key' experiment which demonstrated that lightning is a form of electricity .

.....

[ Benjamin Franklin , James Joule , Galileo Galilee ]

(xiv) The longest and the darkest Lunar Eclipse of the century was seen all over India , occurred on .....

[15th June 2011 , 15th June 2012 , 15th July 2011 ]

(xv) The author of 'Song of India' is .....

[Rabindranath Tagore , Sarogini Naidu , Abdul Kalam Azad ]

(xvi) Which state of India is boarded by China , Bhutan and Myanmar?

.....

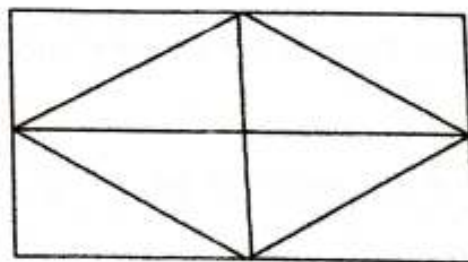
[ Arunachal Pradesh , Andra Pradesh , Tripura ]

**SECTION E**

**Choose the correct answer :**

**[17]**

(i) How many triangles are there in the given figure ? .....



[ 4 , 6 , 8 , 12 ]

(ii) If ' FISH ' is written as EHRG in a certain code , how would

'JUNGLE' be written in that code - .....

[ ITMFKD , ITNFKD , KVOHMF , TIMFKD ]

(iii) If parrot is known as peacock , peacock is known as swallow , swallow is known as pigeon and pigeon is known as sparrow . Then what would be the name of Indian national bird . .....

[ parrot , swallow , peacock , pigeon ]

(iv) If  $343 \times 125 = 75$  ,  $512 \times 216 = 86$  , then find  $729 \times 64$  ? .....

[ 44 , 64 , 74 , 94 ]

(v) If the day before yesterday was Friday , what will be the third day after the day after tomorrow ? .....

[ Thursday , Friday , Saturday , Sunday ]

(vi) **USB** stands for .....

[ Unicoded Smart Bus , Universal Smart Bus ,  
Unicoded Serial Bus , Universal Serial Bus ]

(vii) **SAARC** stands for .....

- .....
- [ a. South America Association for Regional Co-Operation ,
  - b. South Asian Association for Regional Co – operation ,
  - c. South Agricultural Association for Regional Co- operation ,
  - d. South Asia Association for Railway Co – operation ]

(viii) Which of the following international organisation is dedicated to the cause of wildlife conservation ? .....

[ UNESCO , UNDP , WHO , WWF ]

(ix) Choose the odd one from the following abbreviations

.....

[ HBO , CNN , NDTV 24x7 , BBC ]

(x) **RDX** is .....

[ an instrument to measure blood pressure , a gene , an explosive ,  
A chemical used in the manufacture of fertilizers ]

(xi) The gas required by green plants to form glucose and is found in aerated drinks is .....

[ carbon monoxide , carbon dioxide , oxygen ]

(xii) The major component of bio gas is .....

[ ethane , methane , propane ]

(xiii) The names of how many states of India end with the letter ' h ' . .....

[ one , five , six ]



(xiv) The organic acid present in tamarind is .....

[ lactic acid , citric acid , tartaric acid ]

(xv) Choose the co-prime pair from the following .

.....

[ 10 & 21 , 7 & 14 , 16 & 36 ]

(xvi) What did A. B Vajpayee add to Lal Bahadur Shastri's slogan

"Jai Jawan Jai Kissan"? .....

[ Jai Sultan , Jai Hindustan , Jai Vignjan ]

(xvii) To explain optics of minerals , C.V Raman published 16 papers on which precious stone? .....

[ Ruby , Emerald , Diamond ]

### SECTION F

**Fill in the blanks :**

**[40]**

(i) A water soluble vitamin .....

(ii) H T M L stands for .....

(iii) A ..... is a program that your computer runs to communicate with web servers on the internet to download and display the web pages .

(iv) Re -usable space craft which can travel into space and back to earth .

.....

(v) The difference between two consecutive even natural or odd natural numbers is .....

(vi) Technology that enable devices to communicate without wires and make use of radio waves to transmit and receive data is .....

(vii) The phenomenon of light emission from a living organism by a chemical reaction is known as .....

(viii) The scientific name for the voice box is .....

(ix) The first Indian woman to win Booker Prize in 1997 is .....

(x) City of Golden temple is .....

SECTION G

Try and find the answers :

[12]

(i) Arrange the computer networks in the correct order

PAN , MAN , LAN , WAN

.....

(ii) Identify the scientist

He was born on 11th February 1847 , Milan , Ohio . He became deaf due to an injury to his ears. His most important invention was related to light.

.....

(iii) Fill in the pattern given below:

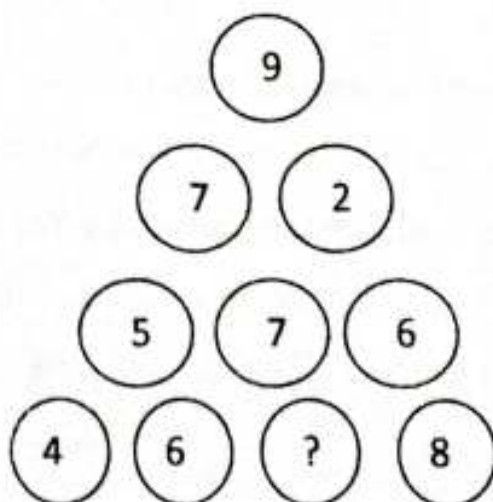
14	11	12	10	20	?
22		20		?	

(iv) Re arrange and find a meaningful word

T N E L S I .....

P T I H C .....

(v) What number less than 10 should replace the question mark?



(vi) Using the 5 letters given below, create a 9 letter word :

L O P E R .....