

ASSOCIATION OF SCHOOLS FOR THE INDIAN SCHOOL CERTIFICATE
SCHOLARSHIP EXAMINATION-2015
STANDARD VIII

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 15 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 9 printed pages.

SECTION A

Do as directed :

[10]

1. Write the appropriate antonym of :

(a) wholly -

2. Underline the correct synonym for the italicised word :

(a) The dramatist brought forth the *pathos* of human life in his inimitable manner.

[horror , turmoil , suffering]

3. Name these :

(a) One who dies for a cause -

(b) One who leaves ones country to settle elsewhere -

.....

4. Rewrite the sentence as directed :

(a) Very few writers are as amusing as Roald Dahl.

[Use : most amusing]

5. **Choose the correct answer :**
 (a) The doctor gave me some
 [advice / advices]
 (b) He added two sugar in the tea .
 [spoonfuls / spoonsful]
6. **Write the opposite gender :**
 (a) ram -
7. **Join the pair of sentences as directed :**
 He heard the shocking news. He fainted.
 [Begin : No sooner than]

8. **Choose the correct preposition :**
 What is the time your watch?
 [on , by]

SECTION B

Choose the correct answer from the bracket:

[10]

1. $a^2 - ab - ca + bc = \dots\dots\dots$
 { (a - b) (2a - c) , (a + b) (a - c) , (a - b) (a - c) }
2. Square root of 4.41 is
 (2.1 , 2.3 , 2.5)
3. $n(A) = 40 ; n(B) = 27 ; n(A \cap B) = 15$. Find $n(A \cup B)$

 (67 , 52 , 82)
4. In a two -digit number , the digit in the units place is three times the digit in tens place and the sum of the digits is equal to 8 , then the number is
 (13 , 26 , 62)
5. $x^{10} y^6 - x^3 y^{-2} = \dots\dots\dots$
 ($x^7 y^6$, $x^7 y^5$, $x^7 y^8$)
6. The three angles of a quadrilateral are equal . If the measure of the 4 angles is 120° , then the measure of each of the equal angles is
 (80° , 60° , 50°)

7. In an examination 30% candidates failed in English ,
35 % failed in Mathematics , 27 % failed in both the subjects.
The percentage of total passed is
(61 % , 62 % , 65 %)
8. If the sides of a triangle are 16 , 24 and 27 , the greatest altitude
is the line drawn to side having cm
(24 , 27 , 16)
9. The diagonal of a square is 20 cm . Find the length of its side
(1 . 41 , 14 . 1 , 141)
- 10 Find the third proportional to 12 and 30 .
.....
(85 , 75 , 80)

SECTION C

Choose the correct answer:

[16]

1. An athlete completes one round of a circular track of radius R in 40 s .
Its displacement at the end of 2 minutes will be
[$2\pi R$, $6\pi R$, zero]
2. If the lower part of a convex lens is blackened , then the image formed
will be
[incomplete , complete , of lesser intensity]
3. Inertia is measured by
[acceleration of the body , velocity of the body , mass of the body]
4. Which of the following is the correct formula of aluminium sulphate ?
.....
[$Al_2(SO_4)_3$, $Al_2(SO_4)_2$, $Al(SO)_4$]
5. Which of the following is the most reactive metal ?
[silver , copper , potassium]
6. When iron is heated with Chlorine gas , the product of the reaction is
.....
[$FeCl_2$, Fe_3Cl_4 , no reaction takes place]
7. Name the unmanned space craft that reached closest to Pluto recently
.....
[Endeavour , New Horizon , New Outlook]

8. Is the Universe expanding ?
[Yes , No , Not sure]
9. Why is the planet Uranus blue green in colour ?
.....
[presence of water , presence of methane , presence of clouds]
10. What powers satellites ?
[petrol , diesel , solar energy]
11. Name the first living creature which went to space ?
[Yuri Gagarin , Laika the dog , Arabella the spider]
12. *"All the world's a stage
And all the men and women merely players"*
This famous saying is taken from Shakespeare's
[Julius Caesar , As You Like It , The Merchant of Venice]
13. William Sydney Porter is known by the pen name
.....
[Saki , O . Henry , Diedrich Knickerbocker]
14. K R Meera won the award for
her work *Aarachar* in 2014.
[Vayalar , Vallathol , Jnanapith]
15. Name the author of :
(i) The Old Man and the Sea -
(ii) *Balyakalasakhi* -

SECTION D

Choose the correct option:

[21]

1. Who was the first Malayali woman chief justice of the Kerala High Court?
.....
[K . K . Usha , Sujatha . V . Manohar , Jyothi Venkatachalam]
2. The first Lok Sabha came into existence on
[12th May 1950 , 13th May 1952 , 14th May 1951]

3. Who was the first Malayali leader of the opposition in the Lok Sabha ?

.....
[C. M. Stephen , S.N. Menon , A.K. Gopalan]

4. The first African-American to win Wimbledon .

.....
[Althea Gibson , Andrea Gibson , Amelia Gibson]

5. Mumbai has won the maximum number of Ranji Trophy Championships. Who won the next most trophies ?

.....
[Karnataka , Kerala , Kolkata]

6. The second player to win the prestigious All England Badminton trophy , the Dronacharya and the Arjuna Awards.

.....
[Prakash Padukone , Saina Nehwal , Pullela Gopichand]

7. Five planes leave the airport at the same time . Plane B arrives at the destination before planes A and D , but after the plane C . Plane E arrives before plane D but after plane A . Which plane is the last to arrive at the destination .

.....
[Plane A , Plane B , Plane C , Plane D , Plane E]

8. Shankar started from his school and walks 12km towards north . He turns right and walks another 12km . He turns right again and walks 12km more and turns to left to walk 6km . How far he is from his school and in which direction ?

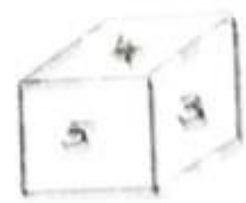
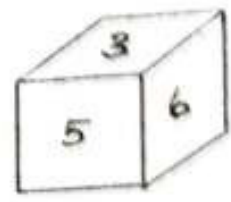
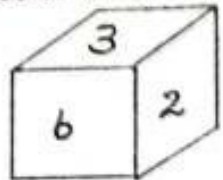
.....
[18km North , 12km South , 18km East , 12km West]

9. If every alternate letter starting from B is deleted from the English alphabet , then which will be the 5th to the right of the 4th letter from left .

.....
[H , Q , M , T]

10. Three positions of a dice are given below . Identify the number on the face

Opposite to 6 .



[1 , 4 , 5 , 7]

11. INTERPOL stands for

- [a. International Political Conference
- b. International Criminal Police Organisation
- c. International Association of Police Officers
- d. None of these]

12. Find the odd one

[BCFG , MOPQ , DEHI , IJMN]

13. Choose the odd one from the following abbreviations.

[ISRO , ASLV , EDUSAT , COBOL]

14. Choose the odd one

[HSBC , HDFC , ING , FIAT]

15. LED , LCD , CRT are the names related to different types of

[monitor , printer , sound system , semi conductors]

16. BRICS the recently formed international organisation of five developing countries , consist of

- [a. Brazil , Russia , India China , South Africa
- b. Brazil , Romania , India , China , South Africa
- c. Brazil , Russia , Indonesia , China , Spain
- d. Brazil , Romania , India , China , Somalia]

17. The first six keys on the top row of a key board letter spell

.....
 [QWERTY , QWERTY , QWERTY]

18. A man bought 2401 books and arrange them so that there are as many rows as there are books in each row . How many rows are there?

.....
 [49 , 94 , 24]

19. Bauxite : Aluminium ; : Mercury

[Galena , Cinnabar , Haematite]

20. If $(b \begin{bmatrix} a \\ c \end{bmatrix}) = ab - c$

then, $(4 \begin{bmatrix} 3 \\ 5 \end{bmatrix}) +$

$(6 \begin{bmatrix} 5 \\ 7 \end{bmatrix}) = ?$

[6 , 12 , 30]

21. Quartz crystals normally used in quartz clocks etc; is chemically

.....
 [germanium oxide , silicon dioxide ,

a mixture of germanium oxide and silicon dioxide]

SECTION E

Fill in the blanks :

[25]

- Optic fibre cable uses the principle of
for the propagation of signals.
- The communication between a TV set and a remote control happens through waves .
- The most powerful image editing and creation software is
- The smallest number of sides in a polygon is
- The most important **KHARIF** crop in India which occupies the largest area .
.....
- Name the gas present in the atmosphere which causes Global warming .
.....

7. Vaccine for preventing tuberculosis.
8. The instrument used for measuring blood pressure is
.....
9. A mixture of equal volume of and
exposed to sunlight is explosive in nature .
10. The square of 0.5 = and square root of 25 is
11. $[(125)^3]^0 = \dots\dots\dots$
12. The metal used for making protective screens for X – rays and
other radioactive rays is
13. Name two wireless technologies that use radio frequency waves
to create network .
..... ,
14. INSAT stands for
15. The largest wind energy farm in India is located in
16. Name the property exhibited by water which helps the small insects to
walk on its surface
17. An alloy of aluminium used for making aircraft bodies
18. Without Green House Effect the average temperature of earth's surface
would have been
19. An insoluble product which is formed when two chemical compounds react
to form a substance that separates out from the solution is
20. Name the programme embarked by India on massive tree plantation to
reduce pollution and improve overall quality of the environment .
When is it celebrated ?
..... ,
21. Expanded form of SWIFT is
.....

SECTION F

Find solution for the following :

[8]

1. If $2A = 3B = 4C$ then , $A : B : C$ is
2. Find a number such that one – fifth of it is less than its one – fourth by 3
.....
3. If $a + b + c = 9$; $a^2 + b^2 + c^2 = 29$. Find $ab + bc + ca$.
.....
4. A number consists of two digits whose sum is 8 . When 18 is added to the number , its digits are reversed . Find the number ?
.....

SECTION G

Choose the correct option:

[10]

1. Plants growing on rocks and stones are called
(epiphytes , lithophytes , halophytes)
2. Anthocyanins remain dissolved in the
(Cytoplasm , nucleoplasm , cell sap)
3. Truffles are a type of
(algae , fungi , angiosperm)
4. Osteocyte is another name for
(bone cell , muscle , intestinal cell)
5. Which one is a false fruit?
(tomato , coconut , apple)
6. Golgi complex in plants are generally known as
(glyoxysome , dictyosome , peroxisome)
7. Prokaryotic cells have
(ribosomes , mitochondria , chloroplasts)
8. Lichens are symbiotic association of fungus and
(archaebacteria , algae , liverwort)
9. Extra chromosomal DNA that are found in certain bacteria
(plasmid , mesosome , fimbriae)
10. Which group has seeds enclosed in fruits ?
(pteridophytes , gymnosperms , angiosperms)