



**VIDYA NIKETAN**  
**Birla Public School, Pilani**  
**SCHOLASTIC APTITUDE TEST**  
**Subject : Mathematics**  
**Class : VIII**

**TIME: 30 Minutes**

**Max.M:25**

**Q1 Add:  $\frac{5}{7} + \frac{1}{14}$**

- a)  $\frac{11}{14}$
- b)  $\frac{6}{21}$
- c)  $\frac{5}{21}$
- d) None of these

**Q2 Find the value of  $\frac{2}{9}$  of 63**

- a) 4
- b) 14
- c)  $\frac{126}{9}$
- d) None of these

**Q3 The reciprocal of  $\frac{31}{35}$**

- a)  $\frac{31}{35}$
- b)  $\frac{30}{35}$
- c)  $\frac{35}{31}$
- d) None of these

**Q4 From the equation  $2x - 1 = 5$ , the value of  $x$  is**

- a) 2
- b) 3
- c) 5
- d) None of these

Q5 The value of  $\frac{2}{9} \div \frac{4}{18}$

- a) 4
- b) 5
- c) 1
- e) None of these

Q6 The perimeter of the square whose side 10 cm is

- a) 6 cm
- b) 40 cm
- c) 36 cm
- d) None of these

Q7 The area of Square Whose side 13 m is

- a) 169 m<sup>2</sup>
- b) 144 m<sup>2</sup>
- c) 108 m<sup>2</sup>
- d) None of these

Q8 Convert  $7\frac{8}{9}$  into improper fraction.

- a)  $\frac{71}{9}$
- b)  $\frac{63}{9}$
- c)  $\frac{70}{9}$
- d) None of these

Q9 Subtract  $\frac{4}{5} - \frac{1}{10}$

- a)  $\frac{10}{7}$
- b)  $\frac{8}{10}$
- c)  $\frac{7}{10}$
- d) None of these

**Q10 The value of  $9.99 \times 100$  is**

- a) 99.9
- b) 9.99
- c) 999
- d) None of these

**Q11 Divide 25.5 by 5**

- a) 5.1
- b) 0.51
- c) 255
- d) None of these

**Q12 The cost of 16 pencils is Rs 32. Then the cost of 1 pencil is**

- a) Rs 2
- b) Rs 3.20
- c) Rs 8
- d) Rs 16

**Q13 Find the mode of the given data 6,4,3,5,4,3,4,5.**

- a) 3
- b) 4
- c) 5
- d) None of these

**Q14 Find the Range of the given data 32,31,41,28,35,40.**

- a) 8
- b) 5
- c) 12
- d) None of these

**Q15 The correct equation for the statement 2 subtracted from y is 8 will be**

- a)  $Y-2=8$
- b)  $2-y=8$
- c)  $Y-8=2$

d) None of these

**Q16 Two Right angles are equal to**

a)  $360^\circ$

b)  $180^\circ$

c)  $90^\circ$

d) None of these

**Q17 Identify the pairs of angles as complementary angles.**

a)  $45^\circ, 45^\circ$

b)  $90^\circ, 90^\circ$

c)  $20^\circ, 160^\circ$

d) None of these

**Q18 The difference of smallest 4-digit number and 1 is**

a) 10000

b) 1

c) 999

d) 0

**Q19 The sum of all the interior angles of a triangle is**

a)  $360^\circ$

b)  $270^\circ$

c)  $180^\circ$

d) None of these

**Q 20 Which one of the following figures is a regular polygon?**

a) Rectangle

b) Square

c) Parallelogram

d) None of these

**Q21 Find the value of  $9888 \times 0$**

- a) 821206
- b) 802120
- c) 0
- d) None of these

**Q22 Each angle of an equilateral triangle is given by**

- a)  $30^\circ$
- b)  $45^\circ$
- c)  $60^\circ$
- d) None of these

**Q 23 The diameter of a circle is 15 cm, find its radius.**

- a) 30 cm
- b) 7.5 cm
- c) 15 cm
- d) None of these

**Q24 Simplify:  $80 + 30 \div 10$**

- a) 83
- b) 73
- c) 11
- d) None of these

**Q25 The L.C.M of 12 and 15**

- a) 30
- b) 24
- c) 60
- d) None of these

**VIDYA NIKETAN,  
BIRLA PUBLIC SCHOOL, PILANI  
REASONING & GENERAL AWARENESS  
APTITUDE TEST-  
Class-8**

1- Statement 1: John runs faster than George

Statement 2: Tom runs faster than John

Statement 3: George runs faster than Tom

If statement 1 and statement 2 are true, statement 3 will be -

- a) true
- b) false
- c) uncertain
- d) None of the above

2- Statement 1: A is bigger than B but shorter than C

Statement 2: D is smaller than C and bigger than A

Statement 3: B is greater than D

If statement 1 and statement 2 are true, statement 3 will be -

- a) true
- b) false
- c) uncertain
- d) None of the above

3- Hypsiphobia: Height :: Hylophobia: ?

- a) Forests
- b) Animals
- c) Water
- d) All of the above

4- A is the mother of B

B is the sister of C

C is the father of D. So, how A is related to D?

- 1. Grandmother
- 2. Mother
- 3. Aunt
- 4. Insufficient data

5- Pointing to a man in the photograph a woman said, "He is the son of the only son of my grandfather." How the man in the photograph is related to that woman?

1. Grandfather
2. Father
3. Brother
4. Insufficient data

6- Which of the following set of letters complete the letter series, when sequentially placed at the gaps?

a \_ cdaab \_ cc \_ daa \_ bbb \_ ccddd

1. bbdac
2. aacbb
3. dbbca
4. bbabc

7- Arrange the following words in a meaningful sequence -

1. Bill 2. Treatment 3. Doctor 4. Diagnosis 5. Patient

1. 5, 3, 4, 2, 1
2. 1, 2, 3, 4, 5
3. 3, 2, 1, 4, 2
4. 2, 5, 3, 1, 4

8- Arrange the following words in a meaningful sequence -

1. Selection 2. Probation 3. Interview 4. Appointment 5. Advertisement 6. Application

1. 5, 6, 3, 1, 4, 2
2. 5, 3, 1, 6, 4, 2
3. 1, 6, 3, 5, 4, 2
4. 2, 6, 3, 1, 5, 4

9- I. All flowers in the garden are red.

II. Some of the flowers are roses.

III. All roses in the garden are red.

If the first two statements are true, the third statement is

1. False
2. True
3. Uncertain
4. None of the above

10- Assertion (A): Plants have green leaves.

Reason (R): Plants contain phycoerythrin, the green pigment.

1. A is true, but R is false.
2. A is false, but R is true.
3. Both A and R is false.
4. Both A and R is true, but R is not the correct explanation of A.
5. Both A and R is true, and R is the correct explanation of A.

11- Which of the following set of letters complete the letter series, when sequentially placed at the gaps?

bca \_ b \_ aabc \_ a \_ caa

1. ccab
2. bcbb
3. acab
4. cbab

12- If the word 'LION' is coded as LMGJ. How is 'MILK' written in that code?

1. JKFL
2. KLIM
3. KILM
4. IJGK

13- Making India Awesome is authored by whom?

14- Name any Maharatna Company in India.

15- Cuba was discovered by which famous explorer?

16- What vitamin does the sun's ultraviolet rays help the skin produce?

17- Which Channel divides the Indian Islands Andaman and Nicobar in the Bay of Bengal?

18- How many and which countries are there in Great Britain?

19- Who is named as 'Flying Sikh of India'?

20- Sports day is celebrated on?

21- The adult human skeleton is made up of ..... bones.

22- Name the Father of the Indian Constitution?

23- Name the Longest human bone

24- Name the player who is known as God of Cricket

25- B.C. Raj Trophy is associated with which sport?



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**Birla Public School, Pilani**  
**SCHOLASTIC APTITUDE TEST**  
**Subject : ENGLISH**  
**Class : VIII**

**Time : 30 mins**

**Max. Marks : 25**

**Q1. Read the passage carefully and answer the following questions: -**

**[1×5=5]**

Long, long ago, two brothers lived in a village. Their father was a rich farmer. They had many servants. The boys had everything they needed- and much, much more!

Soon, the younger of the two brothers became bored with country life. He wanted to do something, different. He felt he was missing out on the real joys of life. He said to his father, 'Give me my share of the wealth. I want to live my own life.'

This saddened his father immensely. He knew that he could not keep his son from leaving. So he gave him his share of the wealth. 'Be careful and use what I have given you carefully and wisely,' advised the father.

The younger son moved to a far-off land. The only thing he had in mind was pleasure and enjoyment. All day long he would make merry. While he was doing this he had many friends. They would be with him morning, noon and night. He was sure that, these people were his true friends and that they would do anything for him.

As the days went by, his funds started drying up. He soon became penniless; simultaneously, his friends disappeared. He soon found himself alone and helpless.

1. He said to his father, "Give me my share of the wealth. I want to live my own life." is an example of-

- a-Voice      b-Speech      c- Subject -Verb Agreement      d-Punctuation

2. The antonym of saddened is-

- a-Unhappy      b-sad      c-sorrowful      d-gladdened

3. The synonym of immensely is-

- a- Calculable      b-limited      c-bounded      d-exceedingly

4. The word 'carefully' is a/an-

- a-Noun      b- Pronoun      c-Adjective      d-Adverb

5. The word 'rich' is a/an-

- a-Adjective      b-Adverb      c-Conjunction      d-Preposition

**Q-2-Fill in the blanks with a or an in the following:**

**(½x4=2)**

a-Our Prime Minister is-----honorable man.

b-I want to be-----air-force pilot when I grew up.

c-A school should prescribe-----uniform that looks smart.



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प्र.1. 'पक्षी' शब्द का सही पर्यायवाची है—	1
क. अश्व                      ख. हस्ती                      ग. खग                      घ. भुजंग	
प्र.2. 'हवा' शब्द का सही पर्यायवाची है—	1
क. अवनि                      ख. सुमन                      ग. समीर                      घ. पंकज	
प्र.3. 'सूर्य' शब्द का सही पर्यायवाची है—	1
क. मेघ                      ख. नीर                      ग. रवि                      घ. निशा	
प्र.4. 'आग' शब्द का सही पर्यायवाची है—	1
क. नभ                      ख. नग                      ग. पावक                      घ. दिनकर	
प्र.5. 'स्वतंत्र' शब्द का सही विलोम शब्द है—	1
क. दुर्गंध                      ख. हानि                      ग. सुपात्र                      घ. परतंत्र	
प्र.6. 'उपयोगी' शब्द का सही विलोम शब्द है—	1
क. अनिच्छा                      ख. अनुरोध                      ग. अनुपयोगी                      घ. अनुगामी	
प्र.7. 'जीवन' शब्द का सही विलोम शब्द है—	1
क. आयु                      ख. उम्र                      ग. मरण                      घ. मयूर	
प्र.8. 'वीर' शब्द का सही विलोम शब्द है—	1
क. योद्धा                      ख. फकीर                      ग. गरीब                      घ. कायर	
प्र.9. निम्न में से भाववाचक संज्ञा है —	1
क. दिल्ली                      ख. मित्रता                      ग. सखा                      घ. राम	
प्र.10. निम्न में से जातिवाचक संज्ञा है—	1
क. जयपुर                      ख. चेतक                      ग. लड़का                      घ. भारत	

प्र.11 निम्न में से व्यक्तिवाचक संज्ञा है— 1

क. छात्र                      ख. मूर्खता                      ग. भगतसिंह                      घ. बचपन

प्र.12 वाक्यांश के लिए एक शब्द लिखिए— 3

क. जो कभी बूढ़ा न हो — \_\_\_\_\_

ख. साथ पढ़ने वाला — \_\_\_\_\_

ग. सप्ताह में एक बार होने वाला — \_\_\_\_\_

प्र.13 निम्नलिखित मुहावरों के अर्थ लिखिए— 3

क. घोड़े बेचकर सोना — \_\_\_\_\_

ख. आँखों का तारा — \_\_\_\_\_

ग. आसमान सिर पर उठाना — \_\_\_\_\_

प्र.14 निम्नलिखित शब्दों में से उपसर्ग व मूल शब्द अलग कीजिए— 2

प्रतिकूल      \_\_\_\_\_ + \_\_\_\_\_      प्रदर्शन      \_\_\_\_\_ + \_\_\_\_\_

अपवाद      \_\_\_\_\_ + \_\_\_\_\_      सुपुत्र      \_\_\_\_\_ + \_\_\_\_\_

प्र.15 निम्नलिखित शब्दों में से प्रत्यय व मूल शब्द अलग कीजिए— 2

घबराहट      \_\_\_\_\_ + \_\_\_\_\_      चमकीला      \_\_\_\_\_ + \_\_\_\_\_

साप्ताहिक      \_\_\_\_\_ + \_\_\_\_\_      बचपन      \_\_\_\_\_ + \_\_\_\_\_

प्र.16 लिंग बदलो — 2

श्रीमान      \_\_\_\_\_      लेखक      \_\_\_\_\_

माली      \_\_\_\_\_      सेठ      \_\_\_\_\_

प्र.17 वचन बदलो — 2

पुस्तक      \_\_\_\_\_      कविता      \_\_\_\_\_

नदी      \_\_\_\_\_      वस्तु      \_\_\_\_\_

कक्षा – 8  
विषय – हिन्दी  
उत्तर कुंजी

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1. खग
2. समीर
3. रवि
4. पावक
5. परतंत्र
6. अनुपयोगी
7. मरण
8. कायर
9. मित्रता
10. लडका
11. भगतसिंह
12. क. अजर    ख. सहपाठी    ग. साप्ताहिक
13. क. निश्चिंत होकर सोना    ख. बहुत प्यारा    ग. बहुत शौर करना
14. प्रति + कूल, प्र + दर्शन, अप + वाद, सु + पुत्र
15. घबराना + आहट, चमक + ईला, सप्ताह + इक, बच्चा + पन
16. श्रीमती, लेखिका, मालिन, सेठानी
17. पुस्तकें, कविताएँ, नदियाँ, वस्तुएँ