

# BIRLA BALIKA VIDYAPEETH, PILANI

## SAMPLE PAPERS

Admission Test

CLASS – VIII

Time : 30 Minutes

M.M. 25

Subject:- HINDI

( TO BE FILLED IN BY THE CANDIDATE )

Name -----Registration No.-----

Father's Name -----

Date of Birth -----

Studying in class ----- Class in which admission is sought -----

Name of Centre : -----

(FOR OFFICE USE ONLY)

1. Invigilators Signature : -----
2. Marks Obtained In % : -----
3. Signature of Examiner : -----

प्र .1 " आशा मानव जीवन का संचय-सूत्र है। आशा के सहारे ही मनुष्य बड़े-बड़े वीरतापूर्ण काम कर गुजरता है। यही आशा मानव को कर्म करने की प्रेरणा देती है। आशा को बलवान राजा' कहा गया है क्यों कि आशा के बलबूते पर व्यक्ति राजा की तरह राज करता है। अशावान आदमी अकर्मण्य नहीं हो सकता। वह कठिन से कठिन स्थिति में भी प्रयत्नशील रहता है।"

उपर्युक्त गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तरों के उचित विकल्प छाँटिए । ( 1x 5=5)

1. मानव-जीवन का संचय-सूत्र क्या है ?  
 (क) आशा (ख) निराशा (ग) योग (घ) वियोग
2. आशा मानव को क्या प्रेरणा देती है?  
 (क) बैठे रहने की (ख) कर्म करने की (ग) गप्पे हॉकने की (घ) अच्छा खाने की
3. आशा को बलवान राजा' कहा गया है , क्यों कि  
 (क) आशा के बलबूते पर आदमी राज करता है (ख) आशा में बल होता है  
 (ग) आशा व्यक्ति को राजा बना देती है (घ) आशा बड़ी कमजोर होती है
4. कौन-सा व्यक्ति अकर्मण्य नहीं हो सकता ?  
 (क) निराशावादी (ख) डरपोक (ग) चंचल (घ) आशावादी
5. इस गद्यांश का उचित शीर्षक है ?  
 (क) बहादुर व्यक्ति (ख) कायर व्यक्ति (ग) आशावादी व्यक्ति (घ) निराशावादी व्यक्ति

प्र0 2 निम्नलिखित प्रश्नों के सही उत्तर निर्देशानुसार दें ।

(1x 15=15)

1. 'मौसमी' का सही वर्ण-विच्छेद है -  
 (क) म् + औ + स् + अ + म् + ई (ख) मौ + स्+ अ + म् + ई  
 (ग) म् + औ + स + अ + म् + ऊ (घ) म् + औ + स् + मी
2. कौन से शब्द 'बादल' का पर्यायवाची है?  
 (क) गिरि (ख) मेघ (ग) सरिता (घ) वारि
3. 'जो कभी बूढ़ा न हो ' वाक्यांश के लिए उपर्युक्त शब्द है -  
 (क) अधर (ख) अमर (ग) अजर (घ) अजन्मा "
4. किस विकल्प के शब्द विलामार्थ नहीं है -  
 (क) आय-व्यय (ख) न्याय-अन्याय (ग) दिन-दोपहर (घ) जन्म - मृत्यु
5. 'शिक्षार्थी' शब्द का संधि विच्छेद है -  
 (क) शिक्ष +आर्थी (ख) शिक्ष +अर्थी (ग) शि +क्षार्थी (घ) शिक्षा +अर्थी
6. "नाटककार' मे प्रत्यय लगा है -  
 (क) नाटक (ख) कार (ग) र (घ) आर "
7. "निर्मल' में उपसर्ग लगा है -  
 (क) निर् (ख) मूल (ग) नि (घ) निस्

8. 'सोना' कौन सी संज्ञा है -  
 (क) व्यक्ति वाचक (ख) द्रव्यवाचक (ग) समूह वाचक (घ) कोई नहीं
9. 'कारक के कितने भेद होते हैं -  
 (क) पाँच (ख) सात (ग) चार (घ) आठ
10. 'सम्राट' का स्त्रलिंग है -  
 (क) सम्राज्ञी (ख) सम्राटी (ग) सुराज्ञी (घ) साम्रटी
11. 'देश-प्रेम' समस्त पद के विग्रह और समास के नाम का सही विकल्प चुनिए: -  
 (क) देश को प्रेम - द्वन्द्व समास (ख) देश में प्रेम - अव्ययी समास  
 (ग) देश के लिए प्रेम - तत्पुरुष समास (घ) देश पर प्रेम - द्विगु समास
12. 'रेखांकित' पदों 'प्रयुक्त कारक के सही विकल्प चुनिए -  
 " वृक्ष से फल गिरता है "  
 (क) कर्ता कारक (ख) कर्म कारक (ग) आपादान कारक (घ) करण कारक
13. दूध में कुछ गिर गया है - रेखांकित शब्द में कौन सा सर्वनाम है ?  
 (क) पुरुषवाचक (ख) अनिश्चय वाचक (ग) निश्चय वाचक (घ) निजवाचक
14. काला घोड़ा दौड़ रहा है - रेखांकित शब्द में कौन सा विशेषण है ?  
 (क) गुणवाचक (ख) परिमाणवाचक (ग) संख्यावाचक (घ) सार्वनामिक
15. 'आँख का तारा' मुहावरे का अर्थ है ?  
 (क) आँख की रोशनी (ख) बहुत प्यारा (ग) इकलोता पुत्र (घ) इकलौती संतान
- प्र0 3 'जीवन में जल का महत्व' अथवा 'अनुशासन' किसी एक विषय पर लगभग 150 शब्दों में एक अनुच्छेद लिखिए । - (5)

**Q.NO. 1:** A certain freezing process requires that room temperature be lowered from  $40^{\circ}\text{C}$  at the rate of  $5^{\circ}\text{C}$  every hour. What will be the room temperature 10 hours after the process begins?

- (a)  $50^{\circ}\text{C}$       (b)  $10^{\circ}\text{C}$       (c)  $-10^{\circ}\text{C}$       (d) none of these

**Q.No.2:** The sum of two integers is always:

- (a) a natural number    (b) a whole number    (c) an integer      (d) none of these

**Q.No.3:** The value of  $7.9 \div 1000$  is equal to:

- (a) 0.0790      (b) 0.0079      (c) 79000      (d) 0.00079

**Q.No.4:** 5.5 km is equal to :

- (a) 5.5 hm      (b) 0.55 hm      (c) 550 hm      (d) 55 hm

**Q.No.5:** Which one is improper fraction:

- (a)  $\frac{4}{7}$       (b)  $\frac{7}{4}$       (c)  $\frac{5}{7}$       (d)  $\frac{9}{11}$

**Q.No.6:** Find mode of the given data 13,16,12,14,19,12,14,13,14.

- (a) 12      (b) 13      (c) 14      (d) none of these

**Q.No.7:** In a throw of a dice the probability of getting 6 is :

- (a) 1      (b) 6      (c)  $\frac{1}{6}$       (d) none of these

**Q.No.8:** Marks of ten students were as follows 25,20,26,12,20,22,15,30,25 and x. If the mean of the marks is 21, then the value of x will be:

- (a) 15      (b) 16      (c) 17      (d) none of these

**Q.No.9:** Irfan says that he has 7 marbles more than five times the marbles Parmit has. Irfan has 37 marbles. How many marbles does Parmit have?

- (a) 9      (b) 8      (c) 7      (d) 6

**Q.No.10:** The solution of the equation  $\frac{2x}{3} + 7 = 15$

- (a) 12                      (b) 15                      (c) 0                      (d) 8

**Q.No.11:** The statement for  $x+4=15$  is:

- (a) The sum of  $x$  and 4 is 15                      (b) The sum of 4 and  $x$  is 15  
(c) both a & b                      (d) none of these

**Q.No.12:** Twice a number when decreased by 5 gives 25. The number is:

- (a) 15                      (b) 16                      (c) 17                      (d) none of these

**Q.No.13:** Parallel lines always:

- (a) intersects                      (b) coincident                      (c) equal                      (d) equidistant

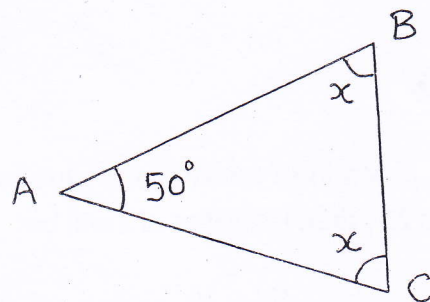
**Q.No.14:** If lines are parallel then \_\_\_\_\_ angles are equal:

- (a) alternate interior                      (b) alternate exterior                      (c) corresponding                      (d) all of these

**Q.No.15:** Find the perimeter of the rectangle whose length is 40 cm and a diagonal is 41 cm.

- (a) 98cm                      (b) 89cm                      (c) 81cm                      (d) 87cm

**Q.No.16:** The value of  $x$  is:



- (a)  $55^\circ$                       (b)  $65^\circ$                       (c)  $45^\circ$                       (d) none of these

**Q.No.17:** An exterior angle of a triangle is equal to:

- (a) sum of all angles of a triangle                      (b)  $100^\circ$   
(c) sum of its opposite interior angles                      (d) none of these

**Q.No.18:** If  $\triangle ABC \cong \triangle FED$  under the correspondence  $ABC \leftrightarrow FED$  then which one is incorrect

- (a)  $\overline{AB} = \overline{FE}$       (b)  $\overline{BC} = \overline{ED}$       (c)  $\overline{AC} = \overline{FE}$       (d)  $\angle A = \angle F$

**Q.No.19:** Arun bought a car for Rs. 3,50,000. The next year the price went upto Rs.3,70,000. What was the percentage of price increase?

- (a)  $2\frac{2}{7}\%$       (b)  $3\frac{3}{7}\%$       (c)  $4\frac{4}{7}\%$       (d)  $5\frac{5}{7}\%$

**Q.No.20:** 5:1 is equal to :

- (a) 5%      (b) 500%      (c) 50%      (d) none of these

**Q.No.21:**  $\frac{3}{13} \div \left(\frac{-4}{65}\right) = ?$

- (a)  $\frac{15}{-4}$       (b) (-4)      (c)  $\frac{-12}{65}$       (d) none of these

**Q.No.22:** What rate gives Rs.280 as interest on a sum of Rs. 56,000 in 2 years ?

- (a) 10%      (b) 5%      (c) 0.5%      (d) 0.25%

**Q.No.23:** A circle of radius 2cm is cut out from a square piece of an aluminium sheet of side 6cm. What is the area of the left over aluminium sheet? (take  $\pi = 3.14$ )

- (a)  $23.44 \text{ cm}^2$       (b)  $24 \text{ cm}^2$       (c)  $24.44 \text{ cm}^2$       (d)  $25 \text{ cm}^2$

**Q.No.24:** What should be subtracted from  $2a + 8b + 10$  to get  $-3a + 7b + 16$

- (a)  $5a + 2b + 6$       (b)  $5a + b - 6$       (c)  $-a + 15b + 26$       (d) none of these

**Q.No.25:** simplify  $\frac{25 \times 5^2 \times t^8}{10^3 \times t^4}$

- (a)  $\frac{5t^5}{8}$       (b)  $\frac{t^8}{1000}$       (c)  $\frac{5t^4}{8}$       (d)  $\frac{5t^8}{t^4}$
-

## CLASS VIII

### SUBJECT: ENGLISH

1. Read the following passage carefully and answer the questions that follow

Good food is essential for our body to stay healthy. But if we go on storing nutrients without consuming energy, fats may get accumulated and lead to obesity. Hence regular exercise is also important for our health.

Exercises help us to breathe more air in and out of our lungs. These exercises make our heart work harder. Then, our heart becomes stronger. We know that the stronger our heart muscle is, the more blood our heart can pump. If our heart pumps more blood with each beat, it can beat less often. Our heart, then, has a longer time to rest between each beat. A strong heart might help us to live longer.

Regular exercise tones up our muscles. We can use our strong muscles for a long period of time. When our muscles are strong, we do not tire easily. Thus, we can increase our efficiency and output of work by working for longer hours without any signs of fatigue. Exercise consumes extra calories as it uses energy. When we exercise regularly, we burn the excessive fat stored in the body. Thus the problem of obesity and overweight are overcome. Exercise helps us to maintain physical smartness, ability, and mental alertness.

1.1. Answer the following questions by choosing the appropriate options. (5 Marks)

- (a) Storage of nutrients may lead to
  - i. Headache
  - ii. Obesity
  - iii. Good health
  - iv. None of the above
- (b) Regular exercises .....
  - i. Can cause brain stroke
  - ii. May speed up the lungs
  - iii. Make our heart stronger
  - iv. All of the above
- (c) Which other thing other than food is required for a healthy body?
  - i. Junk food
  - ii. Excessive sleep
  - iii. Irregular exercises
  - iv. Regular exercises
- (d) How does a strong heart help us?
  - i. By pumping more blood
  - ii. By helping the lungs in their work
  - iii. By controlling the pumping of blood
  - iv. None of the above
- (e) How does exercise make us look smart?
  - i. By burning blood cells
  - ii. By burning extra calories
  - iii. By burning the skin cells
  - iv. By making extra calories

1.2. Find words from the passage which mean the same as:

(2 Marks)

- a. Fatness
- b. Effectiveness

2. Fill in the blanks with the correct forms of the verbs given in the brackets: (04 Marks)

- (a) She always..... (complain) about the rude behavior of the watchman.
- (b) Don't make a noise. A meeting .....(go) on in the Conference Hall.
- (c) When the waiter brought the bill, Rohit realized that he .....(forget) his wallet at home.
- (d) We .....(invite) Sachin Tendulkar to be the Chief Guest on our Sports Day next week.

3. Write these sentences in reported speech. (04 Marks)

- (a) She said to me, "Help me, please."  
.....
- (b) The doctor said to my grandfather, "Avoid fried food."  
.....
- (c) They said to Mohan, "Where were you going yesterday?"  
.....
- (d) My sister said to me, "Can you solve this sum without the help of the teacher?"  
.....

4. Select suitable infinitives from those given in the box and complete the sentences below:

(04 Marks)

to fly	to disturb	to construct	to buy	to do
--------	------------	--------------	--------	-------

- (a) We decided .....a new car after selling the old one.
- (b) I would like .....an aeroplane.
- (c) Do you know what .....if there's a fire in the shop.
- (d) They are planning .....big buildings here.

5. Rehan comes across the following information on the rising popularity of Video Games. He feels horrified at the violence that most of these games depict. He writes an article "Video Games and Violence" for his school magazine. Write the article for him in about 120 words with the help of the hints given below.

(6 Marks)

**Hints:** Latest passion—craze among children—electronic media—exposure—modern outlook—no interest in studies—make them violent—tender minds—impressionable age—losing human values—fights in schools—injuring the minds of the children—distract them—no interest in outdoor games—solution—constructive games—healthy entertainment—role of parents and teachers



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Birla Balika Vidypeeth, Pilani 2016-17  
Sample Papers  
for  
Admission Test

CLASS - VIII

Time: 30 Minutes

M.M.: 25

SUBJECT : INTELLIGENCE TEST  
(TO BE FILLED IN BY THE CANDIDATE)

Name ..... Registration No. ....  
Father's Name ..... Date of Birth .....  
Studying in class ..... Class in which Admission is sought .....  
Name of Centre .....

(FOR OFFICE USE ONLY)

1. Invigilator(s) Signature : .....
2. Marks Obtained in % : .....
3. Signature of Examiner : .....

CLASS : VIII

5 Questions :

1. What comes in the place of question mark ?

2, 5, 9, 14, ?, 27

a) 15 b) 20 c) 10 d) 9

2. 20, 8, 18, 10, 16, 12, \_\_\_\_\_, \_\_\_\_\_

a) 14, 12, b) 14, 14 c) 12, 14 d) 15, 13

3.  $196 = 14$ ,  $169 = 13$  then  $625 = ?$

a) 21 b) 25 c) 16 d) 24

4. 96, 90, 78, ?, 36

a) 15 b) 60 c) 46 d) 56

5. In the series 196, 169, 144, 121, 80 which number is wrong

a) 121 b) 196 c) 169 d) 80

Coding and decoding

6. If bad codes as 214, what is the code for SAD

a) 1924 b) 1914 c) 316 d) 614

7. In a code language HENRY is written as jgpta. How can country be written in the same code.

a) Eqwpata b) Eqwvpte c) Eqwpvta d) Eqwvpta

8. In a certain code language the word MARS is written as ZNEF. How will the word ARMS be written in the same code.

a) FENZ b) NEZF c) NFZE d) MEZF

9. If  $c = 3$  and POLISH = 79. What is pointer

a) 99 b) 98 c) 97 d) 96

10. In a certain code language the word ENGLAND is written as 123456 and FRANCE written as 785291. How will the word GREECE be written in the same code.

a) 381191 b) 381911 c) 394132 d) 5621134

Odd one out ( 5 questions)

11. a) Mercury b) Jupiter c) Mars d) Ocean

12. a) House b) Room c) Kitchen d) Air

13. a) Nail b) Ring c) Thumb d) Fingers

14. a) Teacher      b) Actor      c) Theatre      d) Director

15. a) Church      b) Temple      c) Hospital      d) Mosque  
General Knowledge

16. Who wrote Akbarnama ?

- a) Mulk Raj Anand                      b) Abul Fazal  
c) Prem Chand                          d) Mahatma Gandhi

17. Most spices producing state in India is : -

- a) Karnataka                              b) Assam  
c) Kerala                                      d) Mizoram

18. IMF Stands for :

- a) International Monetary Fund  
b) International Money Fund  
c) International Membership Fund  
d) None of the above.

19. Kuchipudi is a classical form of dance from :-

- a) Kerala                                      b) Andhra Pradesh  
c) Manipur                                      d) Tamil Nadu

20. The material used in the manufacture of lead pencil is :

- a) Mica      b) Lead      c) Graphite      d) Magnesium

21. Which one of the following vitamins is essential for the coagulation of blood.

- a) Vitamin A      b) Vitamin B<sub>12</sub>      c) Vitamin K      d) Vitamin D

22. Abhinav Bindra is a distinguished sports person in which of the following games :

- a) Hockey                                      b) Shooting  
c) Swimming                                      d) Weight Lifting

23. What is the total strength of Rajyasabha ?

- a) 250      b) 238      c) 252      d) 240

24. Highest National Award :

- a) Ashok Chakra                              b) Padmashri  
c) Bharat Ratna                                      d) Param Vir Chakra

25. White House is the official residence of the president of the

- a) France      b) USA      c) India      d) Sri Lanka