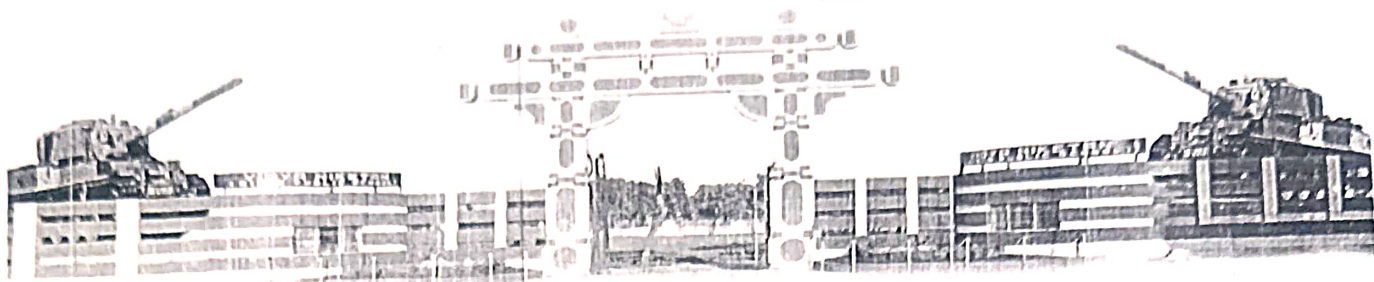# VIDYA NIKETAN (BIRLA PUBLIC SCHOOL), PILANI (RAJ.)

BIRLA EDUCATION TRUST, PILANI (RAJASTHAN)
COMMON SCHOLASTIC ASSESSMENT
For Admission to Class-VIII

SUBJECTS: HINDI, ENGLISH, MATHEMATICS, APTITUDE TEST

Maximum Time: 2.00 Hours

Maximum Marks: 100

(To be filled in by the candidate)

Name of the Candidate: ....

Father's Name: ....

Studying in Class: ....

Class in which admission is sought: ....

Name of Examination Centre: ....

Mobile No.: ....

[For Office Use Only]

1. Invigilator's Signature

2. Signature of Examiner

....

....

Hindi	
English	
Mathematics	
Aptitude	
TOTAL	

Time: 30 Mins.

प्र॰1 निम्नलिखित गद्यांश को पढ़कर निम्नलिखित प्रश्नों के उत्तर चुनिए-   5

मनुष्य पशु से इसलिए श्रेष्ठ है क्योंकि उसमे स्वयं को बदलने की शक्ति है| गधे में यह ताकत नही है| बैल एक हज़ार साल पहले भी गाड़ी में जुतता था, आज भी उसी में जुतता है| गधा पहले भी बोझ ढोता था, आज भी भार ढोता है| इन प्राणियों में न तो कल परिवर्तन हुआ, न ही नए परिवर्तन के लिए प्रयत्नशील हुए और न इनके लिए किसी ने आवाज़ उठाई| परंतु मनुष्य हर दिन हर पल परिवर्तन के लिए बेचैन है|

1- मानव पशु से क्यों श्रेष्ठ है?

क   स्वयं को बदलने की शक्ति होने के कारण

ग   व्यवहार के कारण

घ   बोलने के कारण

ख   'अपनी बात मनवाने के कारण

2- बैल कितने साल पहले भी गाड़ी में जुतता था?

क   पाँच सौ साल पहले

ख   नौ सौ साल पहले

ग   एक हज़ार साल पहले

घ   दो हज़ार साल पहले

3- कौन परिवर्तन के लिए प्रयत्नशील हुआ   है?

क   मनुष्य

ख   बैल तथा गधा

ग   मेज़ तथा कुर्सी

घ   बच्चे

4- किसके लिए किसी ने आवाज़ नहीं उठाई?

क   मनुष्य

ख   बैल तथा गधा

ग   मेज़ तथा कुर्सी

घ   बच्चे

5- परिवर्तन का अर्थ है-

क   बदलाव

ख   विकास

ग   प्रगति

घ   तरक्की

प्र०- 2 वाक्यांश के लिए सही शब्द चुनकर वाक्य पूरे कीजिए-

1 जिसे क्षमा नहीं किया जा सके-

क क्षम्य   ख अक्षम्य   ग क्षमा   घ क्षमादान

2 जिसकी कोई सीमा न हो-

क असीमित   ख सीमित   ग असीम   घ सीमांत

प्र०-3. निम्न मुहावरों के उचित अर्थ वाले विकल्प चुनिए -

1. ठान लेना -

क - ज़िद करना   ख - संकल्प करना

ग - भागना   घ - छिप कर देखना

2. दंग रहना -

क - आश्चर्य में पड़ना   ख - आँखें खोल कर देखना

ग - तारीफ करना   घ - खुश होना

प्र०-4. निम्नलिखित शब्दों के सही विलोम शब्द पर गोला लगाइए-

1 निंदा-   क प्रशंसा   ख अनिंदा   ग अपशब्द   घ अप्रशंसा

2 आरंभ-   क अनादि   ख अंत   ग आदि   घ इतिश्री

प्र०-5. सही भिन्नार्थक शब्द चुनकर वाक्य पूरे कीजिए-

1 खाने मे .... से स्वाद बढ़ जाता है।   (आचार/अचार)

2 हमारा विद्यालय की .... बड़ा मंदिर है।   (ओर/और)

प्र०-6. निम्नलिखित वाक्यों में क्रिया के सही भेद को चुनिए-

क राम ने खाना खा लिया।   (सकर्मक/अकर्मक)

ख वह अभी जाएगा।   (सकर्मक/अकर्मक)

प्र०-7. दिए गए शब्दों के दो-दो पर्यायवाची शब्द लिखिए-

क तालाब   -----------------   ----------------------

ख घर   -----------------   ----------------------

प्र.-8. रिक्तस्थान में उचित कारक चिह्न लिखिए।   2

क. छत .... मोर नाच रहा है ।

ख. सीमा कार .... दिल्ली गई।

ग. विद्यालय .... प्रदर्शनी लगी है।

घ. सेठ जी ने गरीबों .... कंबल बांटे।

प्र.-9. निम्नलिखित शब्दों से भाववाचक संज्ञा बनाकर लिखिए।   2

क. बच्चा   ख. मनुष्य   ग. ऊषा   घ. गरीब

प्र.-10. रेलवे स्टेशन के दृश्य को अपने शब्दों में लिखिए।   4

Max. Marks: 25

Time: 30 Mins.

[1×5=5]

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

The Importance of Rainforests

Rainforests, dense and lush with diverse flora and fauna, play a crucial role in maintaining the ecological balance of our planet. Covering only about 6% of the Earth's surface, they are home to over half of the world's plant and animal species. Located primarily near the equator, rainforests are found in South America, Africa, Southeast Asia, and Oceania.

The biodiversity of rainforests supports a myriad of life forms. Trees in rainforests can grow up to 50 meters tall and create a complex canopy that regulates temperature and humidity levels below. This unique environment supports countless species of insects, birds, mammals, and amphibians, many of which are not found anywhere else on Earth.

Apart from their biological significance, rainforests also provide invaluable ecosystem services. They help regulate the global climate by absorbing carbon dioxide and producing oxygen through photosynthesis. Rainforests act as carbon sinks, storing vast amounts of carbon that would otherwise contribute to climate change if released into the atmosphere.

However, rainforests face severe threats from deforestation, primarily driven by agriculture, logging, and urbanization. Clearing land for farming, mining, and infrastructure projects leads to habitat loss and fragmentation, endangering countless species and disrupting vital ecological processes.

Efforts are underway to conserve and protect rainforests through initiatives like sustainable forestry practices, national parks, and wildlife reserves. Conservation efforts not only aim to preserve biodiversity but also recognize the cultural and economic importance of rainforests to indigenous communities and local economies.

1. Where are rainforests primarily located?
2. What is the significance of rainforests in terms of biodiversity?
3. How do rainforests contribute to regulating the global climate?
4. What are the main threats to rainforests?
5. What efforts are being made to conserve rainforests?

Q-2-Write one word for each of the following sentences :   (5x½=2½)

1. One who believes in the existence of God. --
2. One who always looks at the brighter side of things. -----------------------------
3. A place where fish are kept. ---
4. One who does not express himself freely --
5. One who regards the whole world as his/ her own country ------------------------------.

Q-4-Change the Voice (Active -Passive Voice):

1. How could he win the race car?
2. When did you buy this wall clock?
3. Am I disturbing you?
4. I will buy the tickets in advance.
5. Who taught you English in the school?

Q-5- Ram's mother fell ill suddenly and he had to look after her. So, he couldn't go to his school. Complete the following conversation between him and his teacher in about 100 words: (6×1=6)

Teacher: Ram, why didn't _____?

Ram : Madam, my mother _____.

Teacher: Wasn't any _____?

Ram : No, madam. Father was out of station and my sister is too young to help her.

Teacher: What _____?

Ram : The doctor said that she had food poisoning.

Teacher: I see ! What _____?

Ram : She ate the food that had come from a hotel.

Teacher: Oh ! Many a time hotel food gets poisonous. Don't worry, she

_____ ——

Q6. Write an Article for your school magazine on <u>Save Wildlife</u> in about 150-200 words (1×7=7)

Class VIII

Subject: Mathematics

Duration: 30 minutes   **Total Marks: 25**

General Instructions:

1. All questions are compulsory.
2. Show all CALCULATIONS clearly.
3. Use neat and legible handwriting.

Section A: Multiple Choice Questions (1 mark each x 10 = 10 M)

1. What is the value of $(-7) \times (-3) + 18 \div 2(3) \times 5$
   a) 51
   b) 70
   c) 36
   d) 88

2. Simplify : $(-4)^3 \times (-4)^4$

   a) $(-16)^4$

   b) $(-4)^7$

   c) $(-20)^4$

   d) $(20)^4$

3. What is the value of $(-9)^4$

   a) 6023
   b) 6561
   c) 6611
   d) 6691

4. Calculate : $2 p (5 q + 7 z)$
   a) $10pq - 4 \, pz$
   b) $10pq - 14z$
   c) $10 \, pq + 14pz$
   d) $-4pq+5$

5 What is 20% of 1 hr.?

a) 120 hr
b) 125min
c) 30min
d) 12min

6. What is the sum of 18 p + 12q -3z and 2q +z – 5p

a) 13 q + 14 p +5 z
b) 13p +14q -2z

c) 3 q + 10 p +5 z
d) 13 q + 14 p + z

7 The cost of $5\frac{1}{4}kg$ apples is Rs 840. What is the rate of apples per kg?

a) 180
b) 160
c) 190
d) 188

8. Calculate simple interest for 5570 rupees borrowed for 2 years at the rate of 6 % per annum?

a) 6682

b) 6684
c) 8699
d) 8875

9. What is the value of x in the equation 3x + 4 = 22

a) 4
b) 5
c) 6
d) 8

10 Ram bought a car for rupees 8,90,000 .He spent 55,000 rupees on repairement and sold if for rupees 9,00,000. Find his loss or profit in percent.

a) 5%
b) 10%
c) 15%

d) 1%

Section B: Short Answer Questions (2 marks each x 3 =6 M)

11 Solve for x: $5\frac{1}{4}$ x + 5 = 20

12 What is the mean of 129, 235, 632, 896, 854, 756.

13 Subtract 5 p + 13 q − 2r from 15 q-5r

Section C: Long Answer Questions (3 marks each x 2 =6 M)

14 Simplify the given rational numbers ..

$$\frac{13}{7} - (\frac{7}{5} \times \frac{225}{343})$$

15 If the angles of a triangle are in the ratio 2:3:4, find the measure of each angle.

Section D: Problem Solving (3 marks)

16 In a class of 60 students 24are girls and rest are boys. All the boys like sweet whereas girls like salty food. Find the percentage of students who like sweet.

GENERAL KNOWLEDGE

CLASS: VIII

Time: 30 Min.   M.M.: 25

1. What is the capital of France?
   a. Berlin
   b. Madrid
   c. Paris
   d. Rome

2. Which is the largest continent by area?
   a. Africa
   b. Asia
   c. Europe
   d. Antarctica

3. Who wrote the play "Romeo and Juliet"?
   a. William Shakespeare
   b. Charles Dickens
   c. Mark Twain
   d. Jane Austen

4. What is the chemical symbol for water?
   a. H_2O
   b. CO_2
   c. O_2
   d. NaCL

5. In which year did India gain independence from British rule?
   a. 1942
   b. 1945
   c. 1947
   d. 1950

6. Which gas is most abundant in Earth's atmosphere?
   a. Oxygen
   b. Nitrogen
   c. Carbon Dioxide
   d. Hydrogen

7. Find the odd one out:
   a. Circle
   b. Square
   c. Triangle
   d. Rectangle
8. What comes next in the sequence: B, D, F, H, J, ____?
   a. K
   b. L
   c. M
   d. N
9. What is 45% of 800?
   a. 360
   b. 400
   c. 340
   d. 420
10. Which sport is associated with Wimbledon?
    a. Football
    b. Tennis
    c. Basketball
    d. Cricket
11. Which invention is Alexander Graham Bell known for?
    a. Telephone
    b. Radio
    c. Light bulb
    d. Airplane
12. Which planet is known as the Red Planet?
    a. Venus
    b. Jupiter
    c. Mars
    d. Saturn
13. Which country is known as the "land of Rising Sun"?
    a. China
    b. Japan
    c. South Korea
    d. Thailand
14. What is the square root of 144?
    a. 10
    b. 12

c. 14

d. 16

15. Which country hosted the 2024 Summer Olympics?

    a. France

    b. China

    c. Japan

    d. Brazil

16. Who is known as the "Father of the Indian Constitution"?

    a. Mahatma Gandhi

    b. Jawaharlal Nehru

    c. B.R. Ambedkar

    d. Sardar Vallabhbhai Patel

17. Who painted the Mona Lisa?

    a. Leonardo da Vinci

    b. Michelangelo

    c. Raphael

    d. Donatello

18. If A is coded as 1, B as 2, C as 3, and so on, what is the code for "HAT"?

    a. 817

    b. 819

    c. 8120

    d. 81120

19. Who was the first man to walk on the Moon?

    a. Yuri Gagarin

    b. Neil Armstrong

    c. Buzz Aldrin

    d. Michael Collins

20. Which gas do plants absorb during photosynthesis?

    a. Oxygen

    b. Nitrogen

    c. Carbon Dioxide

    d. Hydrogen

21. Which country is famous for its pyramids?

    a. Greece

    b. Italy

    c. Egypt

    d. Mexico

22. What is the boiling point of water?
    a. 90°C
    b. 95°C
    c. 100°C
    d. 110°C

23. Who was the first woman to win a Nobel Prize?
    a. Marie Curie
    b. Mother Teresa
    c. Jane Addams
    d. Malala Yousafzai

24. Which Indian state is known as the "Land of five Rivers"?
    a. Uttar Pradesh
    b. Punjab
    c. Haryana
    d. Rajasthan

25. A train travels 240 km at a speed of 80 km/h. How long does it take to complete the journey?
    a. 2 hours
    b. 3 hours
    c. 4 hours
    d. 5 hours

-------------------X---------------------X--------------------X--------------------X--------------