



Parvati Prema Jagati SARASWATI VIHAR

Sr. Sec. School, Durgapur P O Bisht Estate via Jeolikot, Nainital

Estd.-1983

ENTRANCE EXAMINATION

SAMPLE PAPER FOR ADMISSION IN CLASS – 6TH

SECTION : A		SECTION : B		SECTION : C	TOTAL TIME
HINDI	ENGLISH	MATH	SCIENCE	REASONING	2HRS (10:00 AM)
MAX	MAX	MAX	MAX	MAX	To (12:00 PM)
20	20	30	20	10	

SECTION:A

हिन्दी

प्र01:-सही के आगे सही व गलत के आगे गलत का चिन्ह लगाइए।

क- श,ष,स,ह:-वर्ण निम्नलिखित में से हैं।

2

उष्म	()
स्पर्श व्यंजन	()
अल्प प्राण	()
इन में सेनहीं	()

ख- 'य , र, ल, व :-वर्ण निम्नलिखित में से हैं।

महाप्राण	()
अधोष	()
अंतस्थ व्यंजन	()
इनमें से नहीं	()

प्र02:-दिए-गए शब्दों का शुद्ध रूप लिखिए-

शुद्ध

2

आर्चाय

असाढ

प्र03:-कोष्ठक में दिए-गए शब्दों की सहायता से रिक्त स्थान की पूर्ति कीजिए।

2

क-गाँधीजी सदैव..... चलते थे ।

अ-समयानुसार

ब-सत्यवाद

स-अहिंशवाद

द-इनमें से नहीं

ख-..... गिर्धर कहते हैं।

अ-गिरि को धारण करने वाले को

ब-गिर पर चलने वाले की

स-गिरिवन में रहने वाले को

द-इनमें से नहीं

प्र04:-संधि कीजिए-

महा +उदय

1

प्र05:-संधि विच्छेद कीजिए

चरणामृत

1

प्र06:-दिए गए शब्दों से उपसर्ग/मूलशब्द/प्रत्यय छाँटिए-

2

$$\text{विदेश} = \text{उप-} + \text{मूल शब्द} + \text{प्रत्यय}$$

उ0:-

$$\text{मानवता} = \text{उप-} + \text{मूल शब्द} + \text{प्रत्यय}$$

उ0:-

प्र07:-कक्षा में प्रथम आने पर, अपने बड़े भाई को सूचना देते हुए पत्र लिखिए।
अथवा

4

छोटे भाई को परिश्रम का महत्व बताते हुए पत्र लिखिए।

प्र08:-दिए गए संकेत बिन्दुओं के आधार पर निम्नलिखित में से किसी एक विषय पर (80-100) शब्दों में अपेन विचार व्यक्त करें।
क-ज्ञान से लाभ (संकेत बिन्दु-उपयोग, स्वास्थ्य, कृषि, मनोरंजन हानियों)।

6

ख-राष्ट्रभाषा हिन्दी (संकेत बिन्दु, राष्ट्र भाषा का अर्थ, भारतीय भाषाओं में हिन्दी, संविधान में स्थान, उपसंहार)

ENGLISH

Q.1 Read the following passage and answers the questions that follow.

5

Bees are insects. Bees are special insects because they can fly! They can move through the air like an airplane! Bees can fly because they have wings. They use their wings to fly. Bees can fly fast. Bees can also fly slow. They can fly up and they can fly down. They need to fly to get to the flowers! Bees can have three colours. They can be yellow, red, and orange. All bees are black in some places. Bees have three main parts. They have a head. They have a body. And, they have a stinger. The stinger is used to defend against enemies. They also have six legs. They use their legs to stand and climb. They also use their legs to eat and collect pollen. Bees live in many places. They live in Africa, Australia, Asia, Europe, North America, South America. The only continent that bees do not live on is Antarctica! I understand why they don't live in Antarctica. It's too cold! Most of the time, bees are nice to humans. If you do not bother them, they will not bother you. Have fun watching the bees this summer!

Answer the following questions: -(tick the correct option)

I) What are bees?

- | | | | |
|-------------|-------|------------|-------|
| A. Mammals | () | B. Birds | () |
| C. Reptiles | () | D. Insects | () |

II) How do bees fly?

- | | | | |
|--------------------------|-------|-------------------------|-------|
| A. They use their legs. | () | B. They use their head. | () |
| C. They use their wings. | () | D. None of the above. | () |

III) How many legs do bees have?

- | | | | |
|--------|-------|----------|-------|
| A. Two | () | B. Four | () |
| C. Six | () | D. Eight | () |

IV) What is the stinger used for?

- | | | | |
|------------------|-------|-------------------------------|-------|
| A. To eat food. | () | B. To defend against enemies. | () |
| C. Both A and B. | () | D. None of the above. | () |

V) Where do bees live?

- | | | | |
|------------------|-------|-----------------|-------|
| A. North America | () | B. Asia | () |
| C. Antarctica | () | D. Both A and B | () |

Q. 2 fill in the blanks with suitable words from the options

2

I) He satthe Chair.

A. On

()

B. In

()

C. At

()

D. Upon

()

II) There is some milkthe fridge.

A. On

()

B. In

()

C. At

()

D. Upon

()

Q. 3 Fill in the blanks with suitable articles (a, an, the)

4

A. This isbook I want.

B. She's notEuropean.

C. I metold magician at my uncle's house.

D. There isbridge over Ganga river.

Q.4 Put the words in a proper order to make a sentence.

2

A. Bird, our, National, peacock, is, the.

ANS:

B. A, Day in, Rome, was, not, built.

ANS:

Q.5 Change the following sentences as directed-

4

A. Ravi is going to market. (**Negative**)

ANS:

C. He is not a good student. (**Affirmative**)

ANS:

C. Is he a good boy? (**Affirmative**)

ANS:

D. Sun rises in the east. (**interrogative**)

ANS:

Q. 6: Which one is Pronoun-

3

He, army, she, cotton, they, mob.

Ans:

SECTION:B

SUBJECT: MATH

1. Choose the correct options if numbers 52806, 52086, 52860, 52800 and 58060 are arranged in ascending order. **(1×10=10)**

- (a) 52086, 52806, 52860, 52800, 58260 ()
(b) 52800, 52860, 52086, 58260, 52806 ()
(c) 52086, 52800, 52806, 52860, 58260 ()
(d) 52800, 52806, 52860, 52086, 58260 ()

2. A number that must be subtracted from 925564 to make it equal to the sum of 234251 and 352421 will be .

- (a) 238892 () (b) 338882 ()
(c) 338892 () (d) 337892 ()

3. $\frac{7}{6}$ of a leap year = _____ week.

- (a) 427 () (b) 35 ()
(c) 61 () (d) 13 ()

4. The average age of 3 boys is 15. If the ages of 2 boys are 12 years and 15 years, the age of third boy is.

- (a) 21 years () (b) 17 years ()
(c) 18 years () (d) 16 years ()

5. Value of $(700 \div 10) - \{(12 \times 8) \div (34 - 10)\}$ is.

- (a) 69 () (b) 68 ()
(c) 67 () (d) 66 ()

6. Find H.C.F of 25, 40 and 55.

- (a) 5 () (b) 11 ()
(c) 25 () (d) 20 ()

7. The greatest number that divides 38 and 68 leaving 8 as remainder in each case is.

- (a) 10 () (b) 15 ()
(c) 60 () (d) 30 ()

8. Which of the following pair of angles are supplementary?

- (a) 46° and 44° () (b) 113° and 67° ()
(c) 245° and 115° () (d) 90° and 180° ()

9. A room is 15m long and 10m broad. Find the cost of carpeting its floor if 1 square cm of carpet cost Rs. 2.00.

- (a) Rs. 300 () (b) Rs. 300000 ()
(c) Rs. 30000 () (d) Rs. 3000000 ()

10. Simplify:- $1\frac{1}{24} - 1 + \frac{7}{36}$

- (a) $17/72$ () (b) $117/72$ ()
(c) $7/60$ () (d) $5/60$ ()

(4×2= 8 marks)

11. A boy runs around a rectangular field of length 40 m and breadth 25m. How much distance will he run if he takes 4 rounds of that field.

Ans.....

.....

.....

.....

.....

.....

12. A tall office building has 85 floors each floor has 48 windows. Each window is to be decorated with 64 tiny bulbs. How many bulbs would be needed to decorate all the windows?

Ans.....

13. How many degrees are there $\frac{4}{5}$ of a complete angle.

Ans.....

14. Arun bought a bicycle for Rs. 3000 and sold it for Rs. 2700. What his loss or gain percent.

Ans.....

(4×3= 12)

15. The cost of 5 books is the same as the cost of 7 notebook. If the cost of one book is Rs. 210. Find the cost of one notebook.

Ans.....

16. A student multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer?

Ans.....

17. Simplify. $1 \div \left\{ \frac{1}{2} + \frac{1}{3} + \frac{1}{6} \div \left(\frac{3}{4} - \frac{1}{3} \right) \right\}$

Ans.....

18. The average weight of 6 boys gets increased by 5 kg if a boy with weight 20kg is replaced by a new boy .what is the weight of new boy?

Ans.....

SUBJECT: SCIENCE

FILL IN THE BLANKS: (1*2=2 MARKS)

1. Birds are adapted for.....mode of life.

2. Increased humidity means increase amount of.....in the air.

MULTIPLE CHOICE QUESTIONS: (Tick the correct option.) (1*3=3 marks)

1. We are able to see different objects around us through.....

- | | | | |
|------------------|------------------------------|--------------------------|------------------------------|
| (a) Their shadow | (<input type="checkbox"/>) | (b) Regular reflection | (<input type="checkbox"/>) |
| (c) Reflection | (<input type="checkbox"/>) | (d) Irregular reflection | (<input type="checkbox"/>) |

2. The tiny coiled metal wire present inside the bulb is called_____.

- | | | | |
|--------------|------------------------------|-------------------|------------------------------|
| (a) Element | (<input type="checkbox"/>) | (b) conductor | (<input type="checkbox"/>) |
| (c) filament | (<input type="checkbox"/>) | (d) none of these | (<input type="checkbox"/>) |

3. In bulbs, electricity is converted into

- | | | | |
|------------------|------------------------------|-----------------------|------------------------------|
| (a) Light energy | (<input type="checkbox"/>) | (b) heat energy | (<input type="checkbox"/>) |
| (c) sound energy | (<input type="checkbox"/>) | (d) mechanical energy | (<input type="checkbox"/>) |

(1*5=5)Marks

1. What is uniform motion?

Ans.....

2. What is lateral inversion?

Ans.....

3. What is meant by adaptation?

Ans.....

4. Why is ocean water unfit for drinking?

Ans.....

5. Differentiate between: Bio-degradable materials and non-bio-degradable materials.

Ans.....

(2*5= marks)=10

1. Sunlight is essential for photosynthesis. Then, how aquatic plants survive?

Ans.:.....

2. Why should we recycle paper?

Ans.:.....

3. What is the difference between a shadow and an image formed by plane mirror?

Ans.:

4. What happens when the N-pole of a magnet is brought near

- (a) N-pole and (b) S-pole of a freely suspended magnet**

Ans.:

5. Explain an activity to show that starch is present in a leaf.

Ans.:

SECTION:C

Subject: Mental Ability

All question are optional type (tick the correct option).

1. Look at this series: 2, 1, $(1/2)$, $(1/4)$, ... What number should come next?

- a) $(1/3)$ ()**
- b) $(1/8)$ ()**
- c) $(2/8)$ ()**
- d) $(1/16)$ ()**

2. Odometer is to mileage as compass is to

- a) Speed ()**
- b) Hiking ()**
- c) Needle ()**
- d) Direction ()**

3. SCD, TEF, UGH, ___, WKL

- a) CMN ()
- b) UJI ()
- c) VIJ ()
- d) IJT ()

4. You will choose the word that is a necessary part of the underlined word.

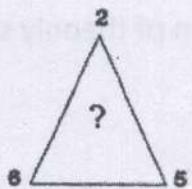
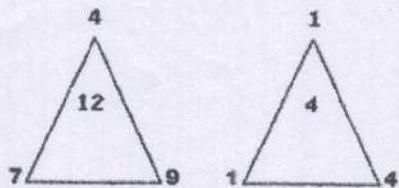
Harvest

- a) Autumn ()
- b) Stockpile ()
- c) Tractor ()
- d) Crop ()

5. 'OS' computer abbreviation usually means ?

- a) Order of Significance ()
- b) Open Software ()
- c) Operating System ()
- d) Optical Sensor ()

6. Which number replaces the question marks?



- a) 7 ()
- b) 8 ()
- c) 9 ()
- d) 10 ()

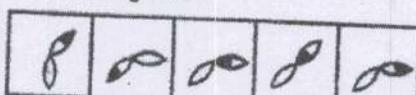
7. Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

- a) 1 ()
- b) 2 ()
- c) 3 ()
- d) 4 ()
- e) 5 ()

8. Blueberries cost more than strawberries.

Blueberries cost less than raspberries.

Raspberries cost more than strawberries and blueberries.

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

- a) True ()
- b) False ()
- c) Uncertain ()

9. Find the correctly spelt words.

- a) Efficient ()
- b) Treatmeant ()
- c) Beterment ()
- d) Employd ()

10. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?

- a) Brother ()
- b) Uncle ()
- c) Cousin ()
- d) Father ()