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

Estd.-1983

ENTRANCE EXAMINATION

SAMPLE PAPER FOR ADMISSION IN CLASS – 7TH

| 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

विषय-हिन्दी

सभी प्रश्नों के उत्तर शुद्धता व स्पष्टता से दीजिए।

प्र01:-सही विकल्प के सामने सही का चिन्ह लगाइए।

2

क- भाषा कितने प्रकार की होती है।

अ-चार ()

ब-तीन ()

स-दो ()

द-पाँच ()

ख-हिन्दी भाषा की लिपि है।

अ-देवनागरी ()

ब-गुरुमुखी ()

स-रोमन ()

द-अपमृश ()

प्र02:-निम्नलिखित शब्दों की संधि कीजिए।

2

1. जगत + ईश

2. हिम + आलय

उ0.....

प्र03:-निम्नलिखित शब्दों का शुद्ध रूप लिखिए।

2

अ- भासा

ब-विधालय

स-परिक्षा

उ0.....

प्र04:-निम्नलिखित शब्दों के दो दो पर्यायवाची शब्द लिखिए।

2

अ-पुत्र ब-जल

उ0.....

प्र०५:- निम्नलिखित पद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

3

खडा हिमालय बता रहा है।
झरो न औंधी पाँनी में॥
खडे रहो तुम अविचल होकर।
सब संकट तूफानी में॥
डिगो न अपने प्रण से तो तुम।
सब कुछ पास कते हो प्यारें॥
तुम भी उँचे उठ सकते हो।
छू सकते हो नभ के तारे॥

प्र०६:- हिमालय हमसे कैसे खडे होने के लिए कह रहा है ?

उ०.....

प्र०७:- सब कुछ पाने के लिए हमें क्या करना चाहिए ?

उ०.....

प्र०८:- प्रस्तुत काव्यांश में हिमालय क्या बता रहा है?

उ०.....

प्र०६:- निम्नलिखित में से किसी एक विषय पर पत्र लिखिए।

4

क- प्रधानाचार्य जी को दो दिन के अवकाश के लिए प्रार्थना पत्र लिखिये।

ख- नववर्ष की शुभकामनाएँ देते हुए मित्र को पत्र लिखिए।

उ०.....

प्र०7:- निम्नलिखित विषयों में से किसी एक विषय पर 10 पंक्तियाँ लिखिए।

5

क- स्वच्छ भारत

ख- वृक्षा रोपण

ग - मेरा विद्यालय

उ०.....

ENGLISH -(M:M:20 MARKS)

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

5

Dry fruits are useful in various diseases of the brain, muscles and tissues. Particularly almond has got unique properties to remove brain weakness and strengthen it. Almond preserves the vitality of the brain, strengthens the muscles, destroys diseases originating from nervous and biliary disorders.

Walnut is another dry fruit that possesses wonderful qualities of curing brain weakness.

According to Dr. Johnson, almonds, figs, grapes, dates, apples, and oranges are rich in phosphoric element and should normally be used by brain workers. Phosphorus nourishes the vital tissues of the body. It keeps the mind full of enthusiasm for more work.

Choose the correct answer.

1. Dry fruits are useful because they

- | | |
|---|-----|
| (a) strengthen our heart | () |
| (b) cure various diseases of the brain, muscles and tissues | () |
| (c) give confidence to us | () |
| (d) empower us to do challenging tasks. | () |

2. Which one is not a property of almond?
 (a) It preserves the vitality of the brain ()
 (b) It strengthens the muscles ()
 (c) It destroys diseases originating from nervous and bilious disorders ()
 (d) It strengthens our digestive system. ()
3. Phosphoric element is profusely found in
 (a) almonds, figs, grapes, dates, apples and oranges ()
 (b) almonds, figs, papayas, guavas and pineapples ()
 (c) all the green vegetables ()
 (d) seasonal fruits. ()
4. Brain workers should take fruits rich in phosphoric element because
 (a) they remove brain weakness ()
 (b) they nourish the vital tissues of the body ()
 (c) they keep the mind full of enthusiasm ()
 (d) all the above. ()
5. The word unique means the same as
 (a) Ordinary ()
 (b) Highly qualified ()
 (c) Unusual ()
 (d) Enlightened ()

Q.2. Fill in the blanks with suitable word from the options- 2

- 1) Ramesh _____ Playing cricket yesterday.
 a) Being ()
 b) Was ()
 c) Is ()
 d) Be ()
- 2) How _____ You _____ to celebrate your birthday this year?
 a) Does/ go ()
 b) Do/ go ()
 c) Is/ going ()
 d) Are/ going ()

Q.3 Fill in the blanks with suitable words from the options. 2

- 1) India has done much for world _____.
 a) Piece ()
 b) Pease ()
 c) Peace ()
 d) None ()

- 2) Bread is made of _____.
- a) Floor ()
b) Flour ()
c) Cucumber ()
d) None ()

Q. 4 Change into negative- (any Three)

3

1. Ram is playing cricket. Ans.
2. Seema is cooking food. Ans.
3. He is washing dirty clothes. Ans.
4. He plays chess. Ans.

Q.5. Fill in the blanks with suitable Prepositions from options-

2

1. I called _____ her yesterday.
- a) On ()
b) At ()
c) To ()
d) None ()
2. He is blind _____ the right eye.
- a) By ()
b) At ()
c) In ()
d) None ()
3. I listened _____ what she said.
- a) To ()
b) At ()
c) On ()
d) None ()
4. He is guilty _____ theft.
- a) For ()
b) Of ()
c) To ()
d) None ()

Q.6. Fill in the blanks with a, an or some:

6

1. Kanpur is large city.
2. He is Indian.
3. Amar has to do work in the evening.
4. I am looking for accommodation these days.
5. She is doing interesting experiment.
6. The second shop had furniture for sale.

SECTION:B

Subject- Maths

1×5=5 Marks

1-1million = hundred thousand.

2-The smallest composite number is

3-Write the natural numbers from 2 to 12. What fraction of them are prime numbers?

Ans.....

4-An athlete takes 10 rounds of a rectangular park, 50 m long and 25 m wide. Find the total distance covered by him.

Ans.....

5-Fill in the missing numbers :

$$\frac{14}{21} = \frac{\square}{3} = \frac{6}{\square}$$

Ans.....

(2×5=10 Marks)

6-The school canteen charges Rs 20 for lunch and Rs 4 for milk for each day. How much money do you spend in 5 days on these things?

Ans.....

7-Write four negative integers greater than – 20.

Ans.

.....

.....

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8-Nasreen bought 3 m 20 cm cloth for her shirt and 2 m 5 cm cloth for her trouser. Find the total length of cloth bought by her.

Ans.

.....

.....

.....

9-Give expressions in the following cases.(y is multiplied by 5 and the result is subtracted from 16)

Ans.

.....

.....

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10-Are 30, 40, 45 and 60 in proportion?

Ans.

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(3x5=15 Marks)

11-Find the difference between the greatest and the least number that can be written using the digits 6, 2, 7, 4, 3 each only once.

Ans.....

12-Find the common factors of 75, 60 and 210.

Ans.....

13-Find the sum : (a) $(-7) + (-9) + 4 + 16$

(b) $(37) + (-2) + (-65) + (-8)$

Ans.....

14-Compare 5/6 and 13/15.

Ans.....

15-The area of a rectangular piece of cardboard is 36 sq cm and its length is 9 cm. What is the width of the cardboard?

Ans.....

SCIENCE

(MCQ QUESTIONS-1 MARK EACH)

(Tick the correct option)

1-Which part of a mustard plant is edible?

(a) Seeds and flowers ()

(c) Seeds and leaves ()

(b) Leaves and flowers ()

(d) Stem and roots ()

2-Separation of fibres of cotton from its seeds is known as

- (a) Weaving () (b) Spinning ()
(c) Knitting () (d) Ginning ()

3-The process of conversion of water vapours into liquid is called

- (a) Condensation () (b) Decantation ()
 (c) Sedimentation () (d) Evaporation ()

4-Which is not a part of a leaf?

- (a) Petiole () (b) Lamina ()
(c) Veins () (d) Nodes ()

5-Knee joints are

- (a) Hinge joints () (b) Ball and socket joints ()
(c) Pivotal joints () (d) Fixed joints ()

(1 MARK EACH)

Fill in the blank

6- Soil, water and air are

7- SI unit of length is

8- The objects through which we cannot see clearly.

9- A substance which allows electricity to pass through it easily but cannot see clearly are called

10- Boiling point of water is..... ${}^{\circ}\text{C}$

(2 MARKS EACH)

11-How many types of joints are there in our body? Name them.

Ans

12- Define omnivores? Give example.

Ans.....

13- What is winnowing? Where is it used?

Ans.....

14-State difference between a luminous and a non-luminous body.

Ans.....

15- What is the function of stem in plants?

Ans.....

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.....
SECTION:C
Mental Ability and Reasoning Test

Tick the correct option of the followings:-

Q.1. If the first two statements are true, the third statement is:

- I. Tanya is older than Eric.
- II. Cliff is older than Tanya.
- III. Eric is older than Cliff.

- A. True ()
- B. False ()
- C. Uncertain ()
- D. None ()

Q.2. A is two years older than B who is twice as old as C. If the total of the ages of A, B and C is 27, then how old is B?

- A. 7 ()
- B. 8 ()
- C. 9 ()
- D. 10 ()

Q.3. A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?

- A. Father ()
- B. Brother ()
- C. Uncle ()
- D. Grandfather ()

Q.4. Find the next term of this sequence 11, 13, 17, 19, 23, ____.

- (A) 25 ()
- (B) 27 ()
- (C) 29 ()
- (D) 31 ()

Q.5. The eighth term in the series 2, 6, 18, 54, ____ is

- (A) 4372 ()
- (B) 4374 ()
- (C) 7343 ()
- (D) 7434 ()

Q.6. What will come at the place of question mark? 1, 9, 25, 49, ?, 121.

- A. 100 ()
- B. 91 ()
- C. 64 ()
- D. 81 ()

Q.7. A man walks 1 km to East and then he turns to South and walks 5 km. Again he turns to East and walks 2 km. After this he turns to North and walks 9 km. Now, how far is he from his starting point?

- A. 3 km ()
- B. 4 km ()
- C. 5 km ()
- D. 7 km ()

Q.8. Arrange the words given below in a meaningful sequence.

1. Key 2. Door 3. Lock 4. Room 5. Switch on

- A. 5, 1, 2, 4, 3 ()
- B. 4, 2, 1, 5, 3 ()
- C. 1, 3, 2, 4, 5 ()
- D. 1, 2, 3, 5, 4 ()

Q.9. What will come at the place of '?'

Insect : Disease :: War : ?

- A. Army ()
- B. Defeat ()
- C. Arsenal ()
- D. Destruction ()

Q.10. 25% of ? = 150

- (A) 250 ()
- (B) 520 ()
- (C) 600 ()
- (D) 750 ()