

ENTRANCE TEST MODEL PAPER  
CLASS 6<sup>th</sup>

Note:- All question are compulsory. Each one carries 1.5 Marks

Q-1 Which number is the nearest to '500'

- i) 479      ii) 503      iii) 491      iv) 531

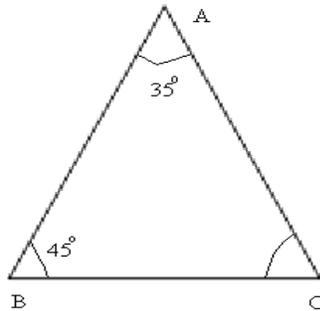
Q-2 The successor of -89 is

- i) 88      ii) -90      iii) -88      iv) 90

Q-3 When 34 is subtracted from -36, we get

- i) 2      ii) -2      iii) 70      iv) -70

Q-4



Find the Value of  $\angle ACB$

- i)  $100^{\circ}$       ii)  $110^{\circ}$       iii)  $90^{\circ}$       iv)  $80^{\circ}$

Q-5 Which of the followings is divisible by 6 ?

- i) 236      ii) 216      iii) 203      iv) None of these

Q-6 Which of the followings is a group of composite number?

- i) 9,10,15      ii) 7,19,11      iii) 17,18,27      iv) 43,45,47

Q-7 A man earns Rs 25 per hour. How much does he earn in 24 hour?

- i) 625      ii) 600      iii) 1600      iv) 1400

Q-8 Find the perimeter of a rectangle in which length 16.8cm and breadth 6.2cm

- i) 48 cm      ii) 46 cm      iii)  $144 \text{ cm}^2$       iv)  $18 \text{ cm}^2$

Q-9 Find the diameter of a circle whose circumference is 66 cm.

- i) 31 cm      ii) 41 cm      iii) 21 cm      iv)  $141 \text{ cm}^2$

Q-10 Divide 1250 between Mayank and Ishita in the ratio 3:2

- i) 400:600      ii) 800:550      iii) 900:350      iv) 750:500

All questions are compulsory. Write your answer yourself:-

Q-11 What is the Hindu – Arabic numeral value of CDXIV

Q-12 Find the HCF of 24 and 32

Q-13 Write the value of  $11 * (6 - 4)$

Q-14 Find the product of  $785 * 94$

Q-15 Find the sum  $2\frac{7}{10} + 3\frac{8}{15}$

Q-16 Covert the numbers into a fraction

- i) .06      ii) .075

Q-17 If 11 is subtracted from 4 times a number, the result is 89. Find the number.

Q-18 Write each of the following ratios in the simplest form

- i) Rs 6.30 : Rs 16.80      ii) Rs 7.50 : Rs 1.50

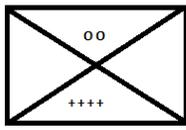
Q-19 Define Pentagon with the help of picture.

Q-20 Define "Cube" with the help of picture.

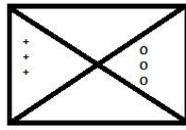
Q-21 If English alphabet is given in A to Z order. Find the letter that is at the 22<sup>th</sup> position.

- i) T      ii) U      iii) V      iv) W

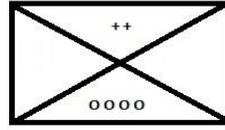
(Q-22 to Q-23) Among the followings (a, b, c, d) which picture will be appropriate in place of question mark?  
Q-22



(i)

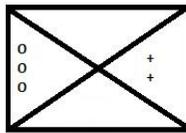


(ii)

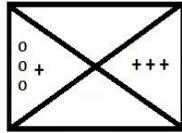


(iii)

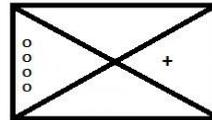
?



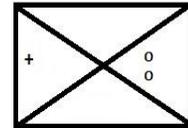
a



b

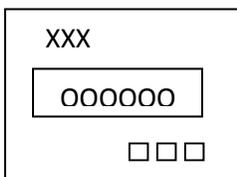


c

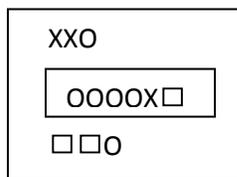


d

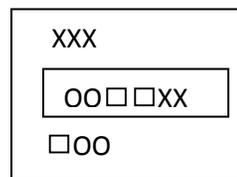
Q-23



(i)



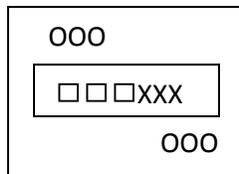
(ii)



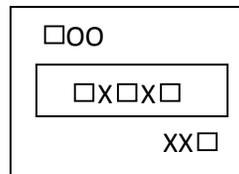
(iii)

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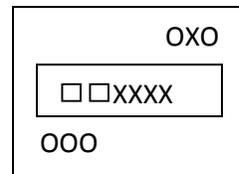
(iv)



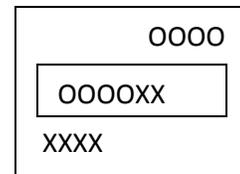
(a)



(b)



(c)



(d)

(Q-24 to Q-26) Which one is different from others?

Q-24

- i) Bird      ii) Kite      iii) Butterfly      iv) Aero plane

Q-25

- i) Doctor : Medicine      ii) Teacher : Education  
iii) Leader : Politics      iv) Pilot : Train

Q-26

- i)  $\frac{48}{96}$       ii)  $\frac{9}{18}$       iii)  $\frac{16}{48}$       iv)  $\frac{98}{196}$

(Q-27 to Q-28) Complete the series:-

Q-27 1, 7, 14, 22,.....

- i) 30                      ii) 29                      iii) 32                      iv) 31

Q-28 Z, U, P, K, .....

- i) F                      ii) E                      iii) G                      iv) H

(Q-29 to Q-30) If DOG is coded as 467 and PUT as 732

How are the following words coded in that code language:-

Q-29 RENT

- i) 9552                      ii) 9674                      iii) 9878                      iv) 7879

Q-30 LEOPARD

- i) 35489720                      ii) 4567984                      iii) 3567194                      iv) 4787987

Q-31 Write one word to define it completely:-

- a) There are some animals which eat other animals are called .....
- b) The ingredients which contain some components that are naked by our body are called .....
- c) The process of making yarn from fibers is called .....
- d) The materials through which objects can be seen, but not clearly are known as .....

Q-32 Find out the correct option given below:-

- a) The presence of specific features or certain habits which enable a plant or an animal to live in its surroundings,
  - i) Habitat                      ii) Adaptation
  - iii) Terrestrial Habitats                      iv) Aquatic Habitats
- b) Materials which do not allow electric current to pass through them
  - i) Conductors                      ii) Terminals
  - iii) Insulators                      iv) Can't say

Q-33 Mark "True or False" for following statements:-

- a) Maximum iron filings stick in the middle of a bar magnet when it is brought near them.
- b) Water vapour condenses to form tiny droplets of water in the upper layers of air where it is cooler.
- c) The movement and locomotion of all animals is exactly the same.
- d) Weaving of yarn makes a piece of fabric.
- e) Balanced diet for the body should contain a variety of food items.

Q-34 Complete the composition (4 Marks)

Earth worms are called ..... Friend? A type of earth worm is also known as ....., is used for composting. This method of preparing compost with the help of ..... is called .....

Q-35 Which kind of method is used for separating substances:-

- i) Pieces of dust .....
- ii) Separate grain from stalks .....
- iii) Separating components of a mixture .....
- iv) To remove impurities from dish with flour .....
- v) Method of separating tea leaves .....
- vi) When the water along with the dust is removed the process is .....

Q-36 Long answer type questions:- ( 3 Marks)

- a) How do plants and animals help each other in the exchange of gases in the atmosphere?  
Lemonade is prepared by mixing lemon juice and sugar in water. You wish to add ice to cool it. Should you add ice to the lemonade before or after dissolving sugar? In which case would it be possible to dissolve more sugar?

## LANGUAGE CONVENTIONS

### (ENGLISH)

1. In the following passage, eight bold/italic words with corresponding numbers are given. For each given word, a different question is asked. Each of the questions is based on opposites or replacement or spelling corrections. Choose the correct option for each question from the alternative given. 1 x 5=5

Kumbh mela is thought to be the largest holy festival on earth during which millions of *mankind* bathe in the sacred Ganga at *Elahabad*. While this is undoubtedly an occasion of *supreme* significance for *devoted* Hindus, it is also a matter of unparalleled wonder and *bevildarmant* to large sections of foreigners engaged in education, management and a number of other fields as to how such a mammoth event takes place, year after year, with such clockwork precision, without the interference or involvement of any professional mastermind. All the more inexplicable is the smoothness with which this month long festival is begun, conducted and concluded.

- (i) Which word would replace 'mankind' in this passage?  
(a) People (b) manhood (c) mansion (d) manliness
- (ii) Which of the following is the correct spelling of "Elahabad"?  
(a) Illiahaded (b) Aliahiabad (c) Allahabad (d) Ellahabaad
- (iii) Which of the following is the opposite of 'supreme' as used in this passage?  
(a) cardinal (b) supine (c)supple (d) most trivial
- (iv) Which of the following is the opposite of 'devoted' as used in this passage?  
(a) devise (b) disloyal (c) deviant (d) dispensable
- (v) What is the correct spelling of '*bevildarmant*'?  
(a) bevelderment (b) biwilderment (c) bewilderment (d) bevildarmant

2. Write one example each of ASSERTIVE, IMPERATIVE, OPTATIVE, INTERROGATIVE and EXCLAMATORY Sentences. 1X5=5

3. In the following questions, sentences are given with the blanks to be filled with **appropriate degree of Adjective**. (Positive, Comparative, Superlative) 1x5=5

- i. Kalidas is \_\_\_\_\_ (great) than any other dramatist.  
ii. Ruby is \_\_\_\_\_ (precious) than many other gemstones.  
iii. She is the \_\_\_\_\_ (beautiful) girl of the class.  
iv. I am \_\_\_\_\_ (happy) that my friend is coming to see me.  
v. This is the \_\_\_\_\_ (tall) building of the town.

4. In the following questions, sentences are given with the blanks to be filled with **appropriate Adjectives**: 1x5=5

- i. John is very \_\_\_\_\_ (talk).  
ii. He left my room \_\_\_\_\_ (dirty).  
iii. I found the movie quite \_\_\_\_\_ (interest)  
iv. Rohan many a time gives \_\_\_\_\_ (fool) ideas.  
v. I am very \_\_\_\_\_ (hope) about my results.

5. In the following questions, sentences are given with the blanks to be filled with **appropriate Adverbs**. 1x5=5

- i. The king offered his seat to the saint \_\_\_\_\_ (respect)
- ii. This is a \_\_\_\_\_ (very/much/more/almost) tough job for me.
- iii. I am a student who always \_\_\_\_\_ (respect) the teachers.
- iv. Twenty kilometers \_\_\_\_\_ ( is/were/will/have)a long walk.
- v. Either Geeta or her sisters \_\_\_\_\_ (is/are/have/had) at fault.

6. In the following questions, sentences are given with the blanks to be filled with **appropriate form of the tense**. 1x5=5

- i. I \_\_\_\_\_ (read) this news yesterday.
- ii. The Earth \_\_\_\_\_ (move) round the sun.
- iii. We shall not go out, if it \_\_\_\_\_ (rain)
- iv. This news was \_\_\_\_\_ (telecast) on Zee News.
- v. The train \_\_\_\_\_ (leave) the platform an hour ago.

7. Fill in the blanks **as directed**: 1x3=3

- i. He is \_\_\_\_\_ (a/an/the) M.A.
- ii. He is \_\_\_\_\_ (a/an/the) European.
- iii. The bird is killing an insect. (Passive Voice) \_\_\_\_\_

8. **Rearrange** the following words to make a meaningful sentence: 1x3=3

- i. doctor/ father/is/my/a
- ii. my/favourite/is/English/subject
- iii. gold/a/precious/metal/is

9. Write a letter to your friend telling him that you are getting admission in a Boarding school because you like Hostel life; in about 80 words. 7

10. Share your feelings about your family in about 80 words. 7

हिन्दी (अंक – 10)

- 1 1:- निम्नलिखित 'शब्दों को वर्तनी ' शुद्ध कर लिखिए –
- क- विद्यालय ख- सान्त
- 1 2:- ' सूर्य' के दो पर्यायवाची ' शब्द लिखें ।
- 1 3:- निम्नलिखित ' शब्दों के विलोम- ' शब्द लिखिए –
- क- सरल ख - राजा
- 1 4:- निम्नलिखित ' शब्दों के भाववाचक संज्ञा में बदलिए –
- क- अच्छा ख- बच्चा
- 6 5:- निम्नलिखित विषयों में से किसी एक विषय पर लगभग 100 शब्दों में अपने विचार लिखिए –
- क- अनुशासन का महत्व ख- हिमालय  
ग- हमारा राष्ट्रीय खेल घ- व्यायाम के लाभ