Awasiya Rajkamal Concept School

Veer Kunwar Singh Colony,Mahisouri,Jamui(Bihar-811307)
Ph. No.:-7762090008

Class V Syllabus

Syllabus for Entrance Test

Math

Number System, Addition , Subtraction, Multiplication, Division, Ascending and Descending order, LCM & HCF , Roman Number, Fraction, Decimal, Integers , Simplification, Algebra, Linear Equation in one Variable, Ratio, Unitary Method, Percentage, Profit & Loss , Average, Simple Interest, Menstruation

English

Noun, Pronoun, Verb, Adjective, Number, Gender, Person, Article, Tense, Voice, Narration, Comprehension , Essay, Translation, Sentence Arrangement, Antonyms, Synonyms, Idioms & Phrases , Conjunction and prepositions

REASONING

Analogy, Classification, Coding Decoding, Number Series, Latter Series, Inserting Order of Words Number the Missing Character, Number, Ranking and time , Sequence Test, Blood Relation, Mathematical Operations Direction Sense Test, Clock the Calendar, Sitting Arrangement, Puzzles, Logical Venn Diagrams

General Knowledge

State and Union Territories, Our Country India (Important Facts), Important Days, Dates and Years, Game & Sports Countries Capitals and Currencies, Important Books & Their Authors, Classical Dances of India , Rivers & Lakes in India, National Parks & Wild Life Sanctuaries in India, Important Personalities, Inventions & Inventors National & International Organizations, Award & Honor, the United Nation Our Solar System & Their Planets, Our Earth Parallels & Meridians, Motion of the Earth, Some Important Events of World History, Important Monuments in India Introduction of Bihar.

General Science

Work Force & Energy, Motion & Measurement of Distances, Light Shadows & Reflection, Electricity & Circuits, Volcanoes, Earthquakes & Tidal Waves, Earth, Sun & Moon, Solid Liquid & Gases. Body Movements, Health Disease & Nutrition, Scientists & Their Contributions, Vitamin & Minerals Important Discoveries.

हिन्दी

वर्ण, संज्ञा, सर्वनाम, विशेषण, भाषा, लिपि, लिंग, वचन , कारक, क्रिया, गद्यांश, मुहावरे, एक शब्द के बदले अनेक शब्द , विलोम शब्द , पर्यायवाची शब्द संधि एवं समास , शुद्ध–अशुद्ध शब्द, उपसर्ग एवं प्रत्यय

Awasiya Rajkamal Concept School

A Platform to Fulfill Children's Dream.

SAMPLE PAPER

Class-V

Name:- ……

Mother's Name:- ……

Father's Name:- ……..

Name of Previous School: …… Village:- …….

Post:-…… District:- ……..

State:- …….. Pin No:- ……

Phone No. :- ……/……..

General Instructions

- Students are advised to read the question carefully before writing the answer.
- Write Name, Fathers Name, Class, Roll No, Section, on answer sheet before writing the Answer.
- Average qualifying mark is 45% in each subject.

Subject	Full Marks	Obtained Marks
Maths	50	
Science	25	
S.st	25	
English	25	
Hindi	25	

Invigilator's Signature **Student's Signature**

Maths

Very short type questions

1. CXLIV=……[1]
2. 13065 m=……km [1]
3. The product to two decimals is 1.824. if one of them is 0.64, find the other. [1]
4. Convert 5 hours 29 minutes into minutes. [1]
5. Convert 809476 ml into liter. [1]
6. The perimeter of a tringle is 95 cm. If two of its sides are 30 cm and 35 cm in length, find the length of its third sides. [1]
7. Multiply 15 km 83 m by 8 = ……. Km [1]
8. Find the value of 1285+(-805) +(-315) +276. [1]
9. $64 \div 8\ of\ 2 + 2 = ?$[1]
10. Arrange the following into descending order. [1]
    3.75, 11.79, 5.873, 21.63, 15.56
11. Compete the series 4,5,7,10, 14,…… [1]
12. $\frac{4}{5}$ kg =……. Grams. [1]
13. If the cost of 18 cows be Rs.361.80 how much will 23 cows cost? [1]
14. The difference between the place value and face value of 5 in the numeral 78653421 is[1]
15. ₹0.05= ? paise[1]

Short type questions

16. Find the greatest number which when divide 37,56 and 93, leaving remainders 1,2 and 3.[2]
17. The length and breadth of a rectangle are 19m and 13m. Find its perimeter.[2]
18. A man started for his friends house at 6:35 A.M and reached there at 5:05 pm. What time did he take for the journey?[2]
19. The cost of 12 kg of ghee is ₹1380. What will be the cost of 15 kg of ghee? [2]
20. The perimeter of a square is 64 cm. Each side of the square is [2]
21. Simplify: $3\frac{1}{5} - 2\frac{3}{10} + 1\frac{4}{5}$.[2]
22. In a school, $\frac{3}{5}$ of the children are boys and the number of girls is 800. The number of boys is[2]
23. A man buys a book for ₹80 and sell it for ₹100. His gain% is [2]
24. If the area of a square 324 sq.cm then find it perimeter[2]
25. A car runs 16 km using 1 liter of petrol. How much distance will it cover in $2\frac{3}{4}$ litres of petrol?[2]

Long type questions

26. Find the least number when it is divided by 25, 40 and 60 then the remainder would be 7 in each case.[3]
27. A playground 120 m long and 50 m bord is to be fenced twice with wire. How much wire is needed to fence it?[3]
28. The LCM and HCF of two numbers are 144 and 20 respectively. If one of these numbers is 12, then find the other number.[3]
29. If $4\frac{2}{11}$ lires of petrol cost Rs. 460, find the cost of $12\frac{1}{2}$ litres of petrol.[3]
30. In our school library, there are 15924 books in English, 9875 books in Hindi and 28158 books in other languages. How many books are in the library? [3]

Science

A. Multiple Choice Questions : 10 Marks

1. Which one is not a property of fluid ?
a) It can flow b) It has mass
c) It has a definite shape d) We can see it

2. Which process is the opposite of evaporation ?
a) Melting b) Freezing
c) Condensation d) Boiling

3. A moving body slows or stops on its own due to this force .
a) Gravitational b) Elastic
c) Mechanical d) Frictional

4. Which of these does soil contain ?
a) sand b) Remains of dead plants and animals
c) minerals d) All of these

5. Proteins are digested in the

a) Stomach b) Liver
c) Large Intestine d) Blood

6. Which of these are main producers of food ?

a) Green plants b) Animals
c) Sun d) None of these

7. Eggs , fish , cheese , peas and pulses are called

a) energy-giving foods
b) body – building foods
c) protective foods
d) all of these

8. What is the normal temperature of human body ?

a) 40 F b) 98.4 F
c) 99 F d) 100 F

9. In Solar eclipse

a) The earth comes in between the moon and the sun
b) The moon comes in between the sun and the earth
c) The sun comes in between the earth and the moon
d) None of these

10. Which pigment found in our blood?

a) Haemoglobin b) Chlorophyll
c) Beta-carotene d) Lycopene

B. Write the answer in one word . 5 Marks

1. A green coloured substance in plants
2. The process of shedding the old skin is called moulting
3. Animals that live on land are called
4. Which process in which food is broken into simple? Substances and is absorbed by the blood.
5. Malaria and dysentery are caused by

C. Write the answer in the following questions. 5 M

1. What are microbes? Name different kinds of microbes.
2. What is the first aid ?
3. What is force ?
4. What are the functions of bones in our body?
5. What are the functions of our Intestine?

D. Fill in the blanks : 5 M

1. ……..and …… movement to save plants are gaining popularity .
2. The larva of a butterfly is called ……
3. Scavenger play an important role in cleaning the ……..
4. The food we eat contains some essential substances called ……
5. …… bacteria change milk into curd.

E. Write the difference between metal and non metal? 2.5 M

F. What is photosynthesis and why is it useful for us? 2.5 M

S.st

A. Fill in the blanks. (5*1=5M)

1. Ganesh Chaturthi is celebrated in the state of……..
2. ……soil has the capacity to retain moisture.
3. The ……is the highest judicial authority of India.
4. Our Solar system consists of ……planets.
5. The Himalaya is located in the ……..direction of India.

B. Answer in one word: (5*1=5M)

6. The ……..language acts as a unifying force in India.
7. The state of the atmosphere at a place for a short period of time is called _.....
8. The practice of rearing and growing of fish is called_.....
9. ……..is an example of Mass Communication.
10. Kathakali is a classical dance performed in the state of_.....

C. Answer these questions 6*2=12M)

11. Give two examples of Rabi and Kharif crops.

12. What are the three parallel ranges of the Himalayas?
13. Where does the Ganga river originates from?Name any two tributaries of the Ganga river.
14. Nane any two sources of fresh water.
15. Why does India called a secular country?Elaborate the reason.
16. Who is the present Finance minister of India?

D. Answer these Questions: (4*2=8M)

1. Write a short note on Mahatma Gandhi. Name any two movements lead by the Mahatma Gandhi.
2. Write the names of the union territories and their capitals of India?

English

1. Read the following passage and answer the questions. (5M)

The earliest mode of transport was a chariot drawn by a house. Ever since then horses have helped man in transport. They have also played a major role in migration when there were no vehicles. Even in wars, horses were preferred to elephants due to their agility and swiftness. Though in modern times the dependence on horses for transport has reduced. Horses are still in use for sake of entertainment, like horse racing, polo.

The natural life span of a domesticated horse is about 25-30 years, 10 years down from what it was in the wild. You can tell a horse's age from the number of teeth he has. They get all their teeth by the age of 5, after which those teeth just get longer. Horses have close to 360 degree all round vision. The horse owners cover their horse's eyes with blinkers since the horses have a 360 degree vision and the blinkers limit their vision only to the road ahead.

The only place they cannot see is directly behind or right in front of them. Which is why it's dangerous to stand behind a horse. If they feel something behind them. They may kick first and ask questions later.

A horse is able to sleep standing up as he is able to lock his leg muscles so that he doesn't fall while asleep. Nor do all horses in the same field ever lie down at once-one animal always stands 'on look out' duty.

Answer the following questions:

I. What is the life span of a wild horse?
(a) 30-40 years (b) 35-40 years
(c) 35-45 years (d) 30- 45 years

II. Why do the horse owners cover their horse's eyes with blinkers?
(a) Blinkers limit their vision
(b) Blinkers enable them to see clearly
(c) Blinkers make them run faster
(d) None of these

III. What prevents a horse from falling while asleep?
(a) Blinkers on its eyes
(b) Shoe fitted on its hoof
(c) Ability to lock leg muscles
(d) Presence of consciousness

IV. Horses were preferred to elephants in wars because of their
(a) Speed and size
(b) Agility and swiftness
(c)Action and persistence
(d) All of these

V. A horses cannot see directly behind or right in front of them. It is therefore dangerous to
(a) Ride them (b) Tame them

(c) Stand behind them (d) Stand by their side

2. Write against each sentence what kind of sentence it is. (Interrogative, Imperative, Exclamatory etc) (4M)

(a) Don't make a noice.
(b) Hurrah! We have won the match.
(c) What is your father's name?
(d) Mohan was not playing.

3. Fill in the blanks. (4M)

(a) Mohan and Sohan _____ playing since Monday.
(b) They _____ not like to come yesterday.
(c) Sita is sitting _____Ram and Laxman.
(d) Your brother _____ gone to Patna.

4. Write the synonyms of given words:- (2M)

(a) Ancient-
(b) Loyal –

5. Write the antonyms of given words:- (2M)

(a) Profit –
(b) Rural –

6. Translate into English. (3M)

(i) तुम मेरे भाई का मित्र हो|
(ii) राधा और सीता नाच रही थी|
(iii) क्या तुम और मोहन भाई हो?

7. Write an application to your principal for asking 5 days leave for your sister's marriage. (4M)

8. What is pronoun? Write the kinds of pronoun with two examples. (6M)

Hindi

❖ **वस्तुनिष्ठ प्रश्न -**

1. निम्न में सुन्दरता का पर्यायवाची शब्द नहीं है – (5M)

(क) शोभा (ख) कांति
(ग) सुषमा (घ) समुदाय

2. संज्ञा के कितने भेद होते हैं

(क) एक (ख) दो
(ग) पाँच (घ) चार

3. स्तुति का विलोम शब्द है –

(क) परतंत्र (ख) निंदा
(ग) दुर्लव (घ) पराजय

4. सिर निचा करना मुहावरे का अर्थ है ?

(क) लजा जाना
(ख) बहुत जल्दी
(ग) दुःख से हैरान होना
(घ) चुगली करना

5. `तुमने उसे बुलाया ।`में क्रिया कौन –सी है?

(क) तुमने (ख) उसे
(ग) बुलाया (घ) कोई नहीं

6. संज्ञा और सर्वनाम में उदाहरण सहित अंतर स्पष्ट करें –2M

7. कारक किसे कहते हैं ? 2M

8. संयुक्त व्यंजन से बने कोई चार शब्द लिखें –2M

9. निम्न में दिए गए तत्सम शब्द को तत्भव शब्द में बदलें –2M

क) क्षेत्र - ख) हस्ति -
ग) अग्नि- घ) शत -

10. व्यक्तिवाचक संज्ञा और जातिवाचक संज्ञा में क्या अंतर है? 2M

11. निजवाचक सर्वनाम किसे कहते हैं?उदाहरण देकर समझाएँ । 2M

12. संधि – विच्छेद करें –2M

क) हिमालय ख) स्वागत

ग) परमेश्वर घ) रमेश

13. निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए –4M

क) जिसका कोई आधार ना हो –

ख) जिसके पास धन ना हो –

ग) परिवार के साथ –

घ) घोड़े पर सवार –

14. निम्न में <u>किन्ही एक</u> विषय पर निबंध लिखें –3M

क) मेरा प्रिय खेल ख) स्वामी विवेकानन्द

15. अवकाश के लिए विद्यालय के प्रधानाचार्य को प्रार्थना – पत्र लिखिए |4M