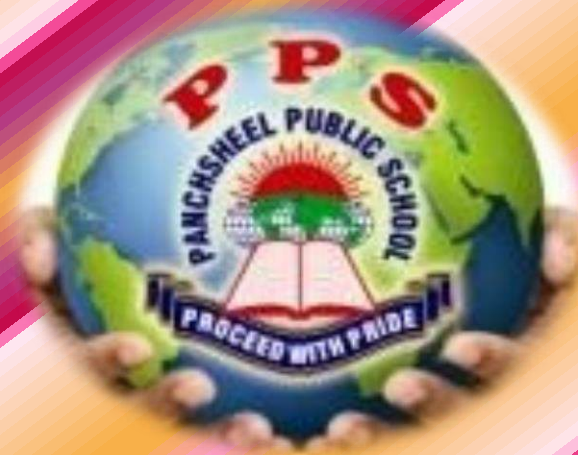


PANCHSHEEL PUBLIC SCHOOL
SESSION 2024-25
ENTRANCE EXAMINATION



CLASS - 5
SYLLABUS
STUDY MATERIAL
SAMPLE PAPER

CLASS-V

SCIENCE

SYLLABUS

- 1) SPICY RIDDLES
- 2) FLYING HIGH WITH BIRDS
- 3) ANITA AND ITS BEE WORLD





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10+2 Senior Secondary School (Affiliated & Recognized by CBSE)

Jaitpur, Badarpur, New Delhi-44

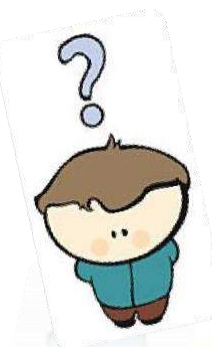
SESSION - 2024-25

ENTRANCE EXAM

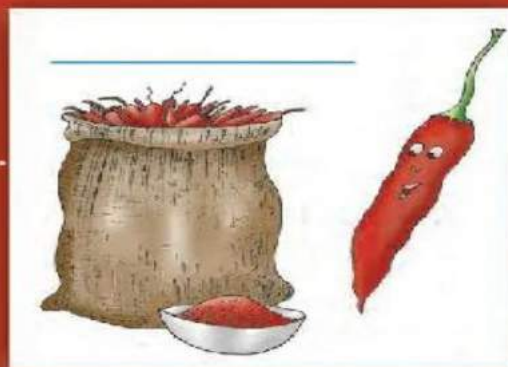
STUDY MATERIAL AND SAMPLE PAPER

CHAPTER-1 SPICY RIDDLES

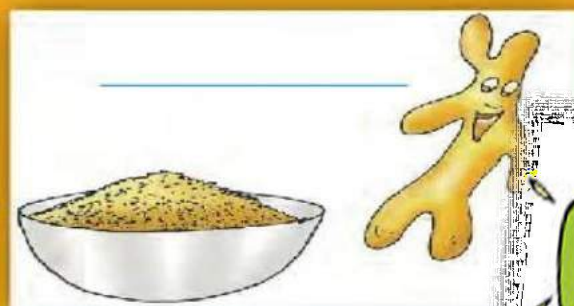
Spicy Riddles, the chapter is in the form of a poem written through the eyes of spices. It represents how spices are important in making dishes, giving a sense of aroma and rich taste. This chapter helps us to know about different kinds of spices present in our food. In this chapter, spices have given riddles and we must solve the riddles to get the correct name of spices.



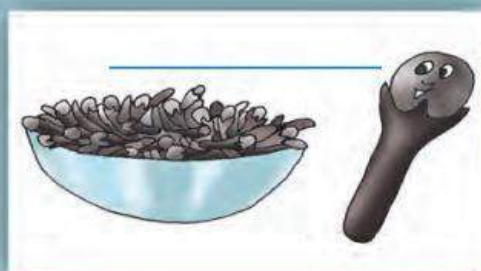
I can be powdered fine
To make food hot and spicy,
If too much of me is added
I make you gasp - shheee... shheee..
Your eyes and nose begin to water
And you cry!
Think and tell me who am I?
Tell me quickly, who am I?



Grind me and powder me -
To make your food look yellow,
I am mixed in oil by granny
And applied to wounds quickly,
I heal all wounds - big and small,
That is why I am loved by all!
Think and tell me who am I?
Tell me quickly, who am I?

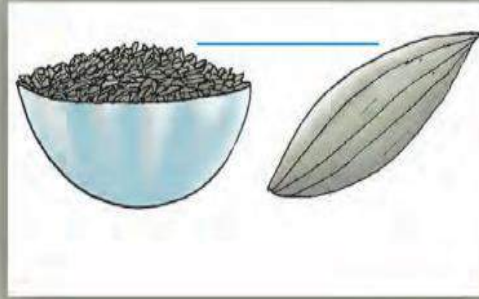


I look like a nail but a bud am I,
Chocolate brown colour and a
strong smell have I.
When your toothache
makes you shout,
I soothe the pain in your mouth.
Think and tell me who am I?
Tell me quickly, who am I?





I look like Zeera though green am I,
 To make your stomach
 healthy I always try,
 Eat me always after your meal
 I refresh your mouth, you
 surely feel,
 Think and tell me who am I?
 Tell me quickly, who am I?



Small and round like a pearl,
 I am black when I am whole.
 I can be powdered coarse or fine
 A sharp and spicy taste is mine,
 Whether it is salty or sweet
 I am added as a special treat,
 Think and tell me who am I?
 Tell me quickly, who am I?



I am a small and skinny chap
 Sometimes I am brown and
 sometime black,
 Added to hot oil and ghee
 I spread my fragrance all around me,
 When I am roasted.
 Curd and jaljeera are favourite to me.
 Think and tell me who am I?
 Tell me quickly, who am I?



ANSWERS

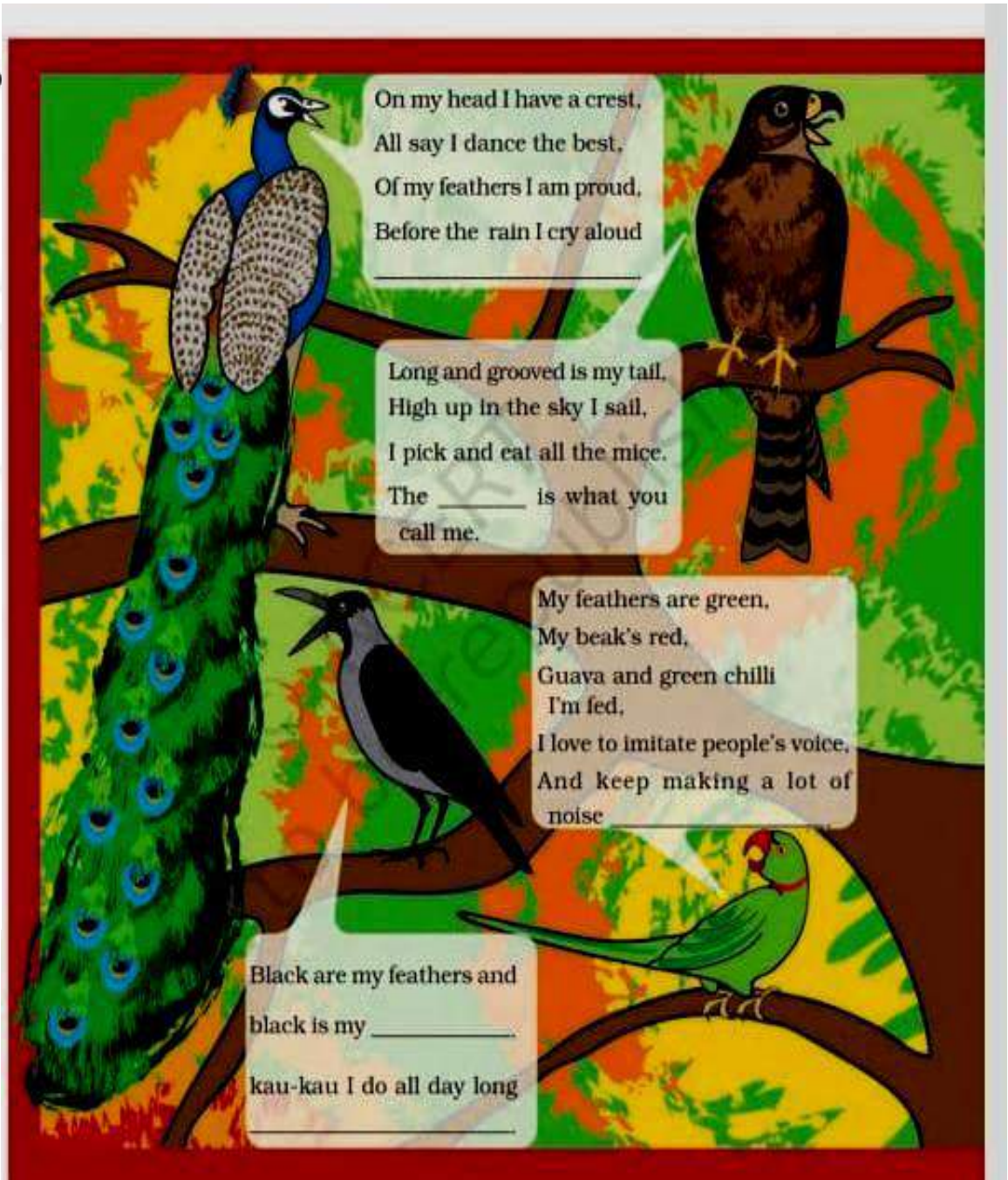
- (a) Chilli (Mirchi) (b) Turmeric (Haldi) (c) Cloves (Laung) (d) Fennel (Saunf) (e) Pepper (Kali Mirch) (f) Cumin (Jeera)



CHAPTER-2 FLYING HIGH WITH BIRDS



This chapter explains the different features of these birds by using pictures and puzzles. "Flying High with Bird" is about different types of birds and their characteristics like the shape and structure of the body, types of beaks and colors of different birds.





Koohu-Koohu is my sound,
Everywhere I am found,
My sweet voice gives me fame,
_____ is my name.

Dead animals I do eat,
Making places clean and neat,
High up in the _____ I fly,
Vulture is what I'm called by.

My beak is pink, feathers grey,
Guter Ghoo I go on all day,
In houses I make my home,
A _____ is how I'm known.

My beak is very special,
I use it like a needle,
Stitching leaves I make my home,
The _____ bird is how I'm known.

In trunk of trees holes
I make,
Hidden insects I intake,
Tuk-tuk-tuk I work all day,
The woodpecker is what people say.



The owl said – Stop this hullabaloo. Why are you quarrelling? We are all special in our own ways. Our claws, beaks, feathers and sounds are different yet we are all birds. If we all looked alike, ate the same food and made the same sounds, think how dull the world would be!

**(a) Peacock (b) Eagle (c) Parrot
(d) Beak; Crow. (e) Koel
(Cuckoo) (f) Sky (g) Pigeon (h)
Sparrow**

ANSWER BOX



CHAPTER-3

ANITA AND ITS BEE WORLD



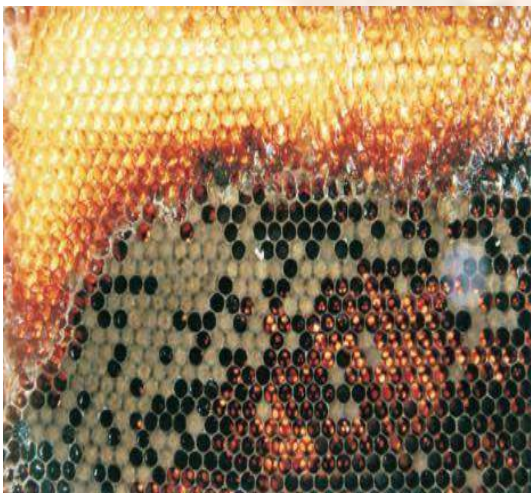
My name is Anita Khushwaha. I live in Bochaha village. This is in Muzzafarpur district in Bihar. I stay with my parents and two younger brothers. I study in college. Besides studying, I teach young children. I also keep honeybees. All this has not been easy for me. When I was young, I used to spend all my time with my goats as they grazed for food. I always wanted to go to school but my parents did not like the idea of girls going to school.

From School to Bee-keeping

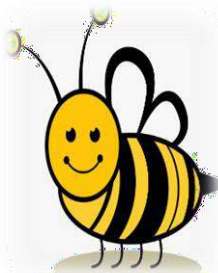
There are many litchi trees in our area. Honeybees are attracted to the litchi flowers. Many people do bee-keeping and collect honey. I thought that I could also do this. I joined a course run by the government to learn about this. I was the only girl in this course. During my training I found that honeybees lay their eggs from October to December. This was the best time to start bee-keeping.

Becoming a Bee-keeper

I completed my bee-keeping course. But I did not have money to keep my own bees and start work. I continued to teach and with time could collect `5000. With this money, I bought two boxes for keeping bees. Each box costs `2000. With the remaining money, I bought sugar to make the syrup for honeybees, and medicines to clean the beehives.



That was in September. By December, I had so many bees that I had to buy two more boxes. I was still learning about bee-keeping. Many times, the bees would sting me and my hands and face would get swollen. It would pain a lot. How could I complain to anybody? I myself had decided to do this work.



Anita is known by everyone in all the villages nearby. She goes to all the village meetings and talks about how important it is for everyone to study. Sometimes people make fun of her, but Anita knows what she wants to do. She does exactly what she wants to. Anita wants to become a wholesaler so that she can help the villagers to get the right price for their honey.



Every beehive has one Queen Bee that lays eggs. There are only a few males in the hive. Most of the bees in the hive are worker-bees. These bees work all day. They make the hive and also look after the baby bees. They fly around flowers in search of nectar. They collect nectar from flowers for honey. When one bee finds flowers with nectar, it does a special kind of dance by which the other bees can know where the nectar is. The worker bees are very important for the hive. Without worker-bees there would be neither hive nor any nectar collection. All bees in the hive would go hungry. The male bees have no special role as workers.





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Q1. Select the best option: -

(1X4=4)

(i) are the most important bees for the hive.

- (a) Queen bees (b) Worker bees (c) Male bees (d) All of these

(ii) is small, skinny and black or brown in colour.

- (a) Cumin seed (Zeera) (b) Garam masala (c) Red Chili (d) None of these

(iii) The eats dead animals.

- (a) crow (b) peacock (c) vulture (d) parrot

(iv) The..... makes a 'Kooohu-Kooohu' sound.

- (a) parrot (b) cuckoo (c) eagle (d) pigeon

Q2. True/False.

(1X4=4)

(i) The male bees have a special role as workers. _____

(ii) The worker bees work all day. _____

(iii) Honeybees lay their eggs from October to December. _____

(iv) The soldier ant lays eggs. _____

Q3. Name the following insects in given box.

(1X4=4)

(a)



(b)



(c)



(d)



Q4. Write the names of three dishes cooked in your home (one should be a type of dal, one a dry vegetable and one a vegetable with gravy), listing the spices and other items used in each. Fill in this information in the table given below. (1X3=3)

Type of dish	Name of dish	Spices used	other items used
Dal
Dry vegetable
Gravy vegetable

