

FUTURE READY QUESTIONS

Competency Based Assessment August, 2025

Class:8

Sub: English

Competency: reads textual/non-textual materials in English with comprehension

Read the following passage and answer the questions.

Once upon a time, there was a beautiful jungle. There lived a very big lion. He used to kill about 2-3 animals everyday for his meal. The animals were worried and went to discuss this with the lion. He agreed not to kill any animal if one of them itself comes to him everyday. This went on for long. One day, it was the turn of a rabbit. A little rabbit agreed to go to the lion's cage. As he was on his way, he saw an old well and planned to kill the lion. The little rabbit reached the lion's den very late. The angry lion roared at the little rabbit and asked, "Why are you late?" The rabbit acted wisely and told the king that, "I met another lion on the way, which is bigger than you. It threatened to eat me." The lion angrily asked the rabbit "Do you know where he lives?". The rabbit replied 'Yes' and asked the king to follow him. The rabbit reached the old well and said the king, "That lion lives in this well." The foolish lion peeped into the well and mistook his own reflection as another lion and roared loudly. The lion jumped into the well and drowned.

- Q1.** Why were the animals worried?
- Q2.** What was the decision taken in the meeting with the lion?
- Q3.** What was the rabbit's reply to the lion for being late?
- Q4.** How do you think that the lion was foolish?
- Q5.** Were there two lions? Justify?

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Sub: Mathematics

10x2=20

Competency: Converts fractions into decimals and vice versa

1. Find the decimal form of the rational number $1\frac{3}{25}$

Competency: Solves problems related to daily life situations involving rational numbers

2. Find two rational numbers in between the rational numbers $\frac{7}{8}$ and $\frac{5}{12}$

Competency: solves problems related to conversion of percentage to fraction and decimal and vice versa

3. James had food for Rs.300 in a hotel and paid Rs,15 as GST. What is the percentage of amount paid as GST?

4. A tape of the length $9\frac{3}{4}$ m is cut from the tape of the length $21\frac{1}{4}$ m . Find the remaining length of the tape.

5. The fraction of the number of pages of a book read by Anwar and Antony is $\frac{37}{50}$. Out of this, Anwar read $\frac{11}{50}$. Find the fraction of the number of pages read by Antony and the fraction of number of pages not read by Anwar and Antony.

6. If the length of the room is $4\frac{5}{11}$ m and its area is 7 sq.m., find its breadth?

7. The weight of $\frac{3}{4}$ of oranges in a box is 12 kg and 900 g. Find the weight of oranges present in the whole box?

Competency: Calculates profit/loss percent and rate percent in simple interest

8. If a person makes a profit of Rs.6975 in the sale of a mobile phone for Rs.46500, find the fractional form of his profit percentage.

9. If Mohan bought a bicycle with the discount of $12\frac{1}{2}$ % for Rs.5800. Find the cost of the bicycle?

10. Meenakshi deposited Rs.30000 in a bank at 10% rate of interest for a period of $2\frac{1}{2}$ years. Find the simple interest received at end of the period

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Sub: Science

Match the following

5x1=5

PART-I			PART-II		PART-III
1.	Volume of a liquid	a.	Breathing Roots	i	Pollen Grains
2.	Rutherford	b.	Atom	ii	Mangroves
3.	John Dalton	c.	Measuring Cylinder	iii	Positive Charge
4.	Stamens	d.	Nucleus	iv	Indivisible Particle
5.	Avicennia	e.	Male Reproductive Part	v	Cubic cm

Answer any FIVE of the following questions

5x2=10

Competency: Conducts simple investigations to seek answers to queries

1. Rahim knows that density of water is 1000 kg/m^3 and the density of petrol is 750 kg/m^3 . He does not know why water should not be used for extinguishing fire caused due to petrol. Give him the correct reason.

Competency: Relates processes and phenomena with causes

2. Justify that ozone is a triatomic molecule.
3. Give reason why are electric wires made of copper or aluminum?
4. The atomic number of Carbon is 6 and its atomic mass number is 12. Prove that the Carbon atom is electrically neutral.
5. Radha says that Ginger is a stem but Robert says that it is a root. Whose statement is correct? Give reason for your answer.
6. When Mala had cold, her mother advised her to use a hand kerchief while sneezing or coughing. Why did she advise Mala so?

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Sub: General Intelligence and General Knowledge

1. Arrange the following words as per order in the dictionary
a. Organ b. Origin c. Orient d. Organic e. Organize
2. 'A' is the sister of 'B'. 'B' is married to 'D'. 'B' and 'D' have a daughter 'G'. How is 'G' related to 'A'?
3. Which country launched Chandrayaan-3?
4. Complete the analogy: If book is to read, then pencil is to ____.
5. What comes next in the sequence: 1, 2, 4, 8, 16, ____?
6. Who lifted the World Cup in the One Day International Cricket in 2023?
7. Which vitamin is known as the Sunshine Vitamin?
8. Who was the first woman to win the Nobel Prize?
9. When is the Earth Day celebrated?
10. Which is the largest public sector bank in India?