



ARMY PUBLIC SCHOOL RATNUCHAK
MULTIPLE ASSESSMENT
SESSION 2021-22
CLASS IX

ENGLISH

Q1. Complete the sentences with the suitable form of the verbs in brackets. 5M

- 1.- If I _____ (find) a good job, I'll move to Madrid.
- 2.- He met his wife when he _____ (work) in Brussels.
- 3.- You can turn off the radio. I _____ (not listen) to it.
- 4.- Where _____ (you / have) dinner yesterday?
- 5.- This exercise is difficult. I _____ (help) you to do it.
- 6.- What _____ (you / cook) tonight?
- 7.- _____ (you / finish) your homework yet?
- 8.- My father _____ (go) to the bank. He'll be back soon.
- 9.- What _____ (they / do) at 9.00 last night?
- 10.- It _____ (snow) when we _____ (leave) the library.

Q2. Fill in the blanks with a modal form from the box! 5M

**CAN – CAN'T - COULD – COULDN'T - DIDN'T NEED TO - MUST – MUSTN'T –
NEEDN'T**

1. You've got plenty of time. You _____ hurry.
2. There's a knock at the door. I'm expecting Paul. It _____ be him.
3. I can't get my phone to work. It _____ be out of order
4. _____ I ask you a question?
5. That was excellent work. But I _____ do it without you.
6. She _____ be 35. She looks older than that.
7. I _____ go to work on Saturdays. It's my day off.
8. Tom has given me a letter to post. I _____ forget to post it.
9. Ann stayed in bed this morning because she _____ go to work.
10. He _____ play chess when he was young.

Q3. Change this direct speech into reported speech: 4M

1. "He works in a bank"

She said _____

2. "We went out last night"

She told me _____

3. "I was waiting for the bus when he arrived"

She told me _____

4. "I'd never been there before"

She said _____

Q4. Choose the correct form of the verb that agrees with the subject.

4M

1. Annie and her brothers (is, are) at school.
2. Either my mother or my father (is, are) coming to the meeting.
3. The dog or the cats (is, are) outside.
4. Either my shoes or your coat (is, are) always on the floor.
5. George and Tamara (doesn't, don't) want to see that movie.
6. Benito (doesn't, don't) know the answer.
7. One of my sisters (is, are) going on a trip to France.
8. The man with all the birds (live, lives) on my street.

Q5. The traits of a musician are given in the box overleaf. Use these and write a short biography in about 100 -150 words. You may collect more information from the Internet, books in the library and other sources.

4M

A. R. Rahman: Indian composer, singer, songwriter, music producer, musician and philanthropist; born in Chennai on 6 January 1967; graduated from Trinity College, Oxford University; famous in integrating Indian classical music with electronic music, world music and traditional orchestral arrangements; recipient of the Padmashri and the Padma Vibhushan awards; two Oscars and a Golden Globe; a notable humanitarian and philanthropist; donates and raises money for a number of causes and charities.

Q6. It was the happiest day of your life when your class teacher informed you that you have been selected as the 'Best sportsman of the year'. You are thrilled as now you will receive the award at the Annual Day Celebrations. Make a diary entry recording your feelings in it.

3M

HINDI

1. **कवि रहीम के दोहे** कोई 8 दोहे लयवद्ध तरीके से याद करें ऑडियो या विडियो बनाकर अपने अपने विषय अध्यापकों को भेजें ।
2. मध्यकाल के कोई 10 कवियों के नाम अपनी उत्तर पुस्तिका में लिखें। **गुरु रविदास या गुरु नानक देव** के विषय में 100-120 शब्दों में अनुच्छेद लिखें ।
3. **दुख का अधिकार** कहानी आपको क्या प्रेरणा देती है। दुकानदारों का उस बुढ़िया की मजबूरी पे ठहाके लगाना, व्यंग्य कसना कहाँ तक उचित था? अगर आप उनकी जगह होते तो आप बुढ़िया के साथ कैसा व्यवहार करते । 130-140 शब्दों में लिखें।
4. **शब्द और पद में अंतर स्पष्ट** करते हुए विस्तार से लिखें तथा रचना, अर्थ और स्रोत के आधार पर शब्दों के भेद उदाहरण सहित लिखें।
5. आपने **गिल्लू** रेखाचित्र पढ़ा है । महादेवी वर्मा के चिड़िया घर में सैकड़ों पशु-पक्षी थे। किसी एक पशु-पक्षी का चित्र - चित्रण 100 से 120 शब्दों में करें।

MATHEMATICS

Q1. Find four rational numbers between $-\frac{4}{3}$ and $\frac{2}{5}$.

Q2. Express $1.272727\dots = 1.\overline{27}$; in $\frac{p}{q}$ form, where p and q are integers and $q \neq 0$.

Q3. Add $\sqrt{2} + 7\sqrt{3}$ and $6\sqrt{2} - 3\sqrt{3}$

Q4. Represent $\sqrt{10.5}$ on number line.

Q5. If both p and q are rational numbers, find the values of p and q in $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = p + q\sqrt{3}$

Q6. Give one example each of a binomial of degree 65, and of a monomial of degree 97.

Q7. Divide $p(y)$ by $g(y)$, where $p(y) = -4y + 34y^2 - 19y^3 + 3y^4 - 24$ and $g(y) = 6 - 5y + y^2$ and check whether $g(y)$ is a factor of $p(y)$.

Q8. Find the value of k , if $x - 1$ is a factor of $4x^3 + 3x^2 - 4x + k$.

Q9. Factorize $4x^2 + 9y^2 + 16z^2 + 12xy - 24yz - 16xz$.

Q10. Factorize : (i) $x^3 - 2x^2 - x + 2$

SCIENCE

CHEMISTRY **MATTER IN OUR SURROUNDINGS.**

1. Why do we see water droplets collected on the outer surface of a glass container, containing ice?
2. Explain why solids have fixed shape but liquids and gases do not have fixed shape.
3. Why is it advisable to use pressure cooker at higher altitudes?
4. What are fluids?
5. Why is water liquid at room temperature?
6. Cotton is solid but it floats on water. Why?
7. Why are solids generally denser than liquids and gases?
8. Name the factors that affect evaporation.
9. How is the high compressibility property of gas useful to us?
10. With the help of an example, explain how diffusion of gases in water is essential?
11. On a hot sunny day, why do people sprinkle water on the roof or open ground?
12. Why do people perspire a lot on a hot humid day?
13. A balloon when kept in sun, bursts after some time. Why?
14. Pressure and temperature determine the state of a substance. Explain this in detail.
15. Explain giving examples the various factors on which rate of evaporation depends.

BIOLOGY

FUNDAMENTAL UNIT OF LIFE

16. What is cell theory? Who formulated it?
17. Write the full form of DNA and ATP.
18. What is the importance of nucleus?
20. Explain the process of osmosis through an example.
21. Draw and label a Plant cell neatly.
22. Why is Plasma Membrane a selectively permeable membrane?
23. What is the function of chromosome?
24. Name the cleansing organelle in the cell.
25. How does amoeba consume food?

PHYSICS

MOTION

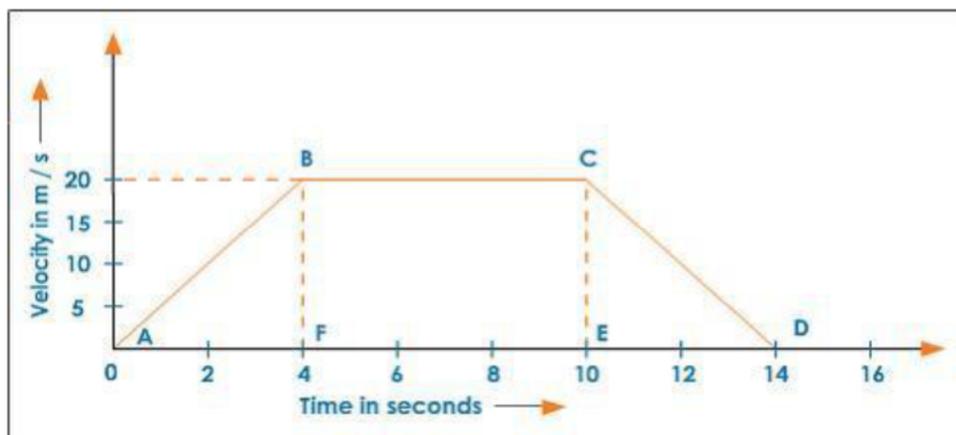
26. Define acceleration and give its SI unit. When is acceleration of a body negative? Give two examples of situations in which acceleration of the body is negative.

27 Distinguish between uniform motion and non, uniform motion. Is uniformly accelerated motion uniform motion? Give one example each of uniform and non-uniform motion.

28. A car moves with a speed of 30km/h for half an hour, 25km/h for one hour and 40km/h for two hours. Calculate the average speed of the car.

29. Define uniform circular motion and give example of it. Why is it called accelerated motion?

30. In the following velocity time graph calculate:



(i) Distance travelled by the body.

(ii) Acceleration of the body during A to B, B to C, C to D

SOCIAL SCIENCE
HISTORY: THE FRENCH REVOLUTION

- | | |
|--|---|
| 1. Why was the Bastille hated by all? | 1 |
| 2. What was the Old Regime? | 1 |
| 3. Who owned the majority of land in 18th century France? | 1 |
| 4. Name the special tax levied by the church on peasants. | 1 |
| 5. What is a Guillotine? | 2 |
| 6. Why did the French government increase the taxes? | 2 |
| 7. How was the society divided before the French Revolution? | 2 |
| 8. Mention the ideas proposed by Montesquieu in the book The Spirit of the Laws. | 2 |
| 9. What was the tennis court oath? | 2 |
| 10. Who were the Jacobins? Write about it in three points. | 3 |
| 11. List down the political symbols of France. | 3 |
| 12. Explain the “Reign of Terror” in brief. | 3 |
| 13. Write a short note on Napoleon Bonaparte. | 3 |
| 14. How did philosophers influence the thinking of the people of France? | 3 |
| 15. Explain the features of the constitution of France drafted in 1791. | 3 |