

Central Agra Public School

Shahdra Check Post, Agra

SESSION : (2020-2021)

WEEKLY ASSIGNMENT-2

CLASS- IX

SCIENCE

Q1- Intermolecular force of attraction is maximum in -

- (a) solids
- (b) liquids
- (c) gases
- (d) plasma particles

Q2- When we add sugar in water, particles of sugar disappear because they -

- (a) are very small
- (b) get into the spaces between water particles
- (c) are moving
- (d) all above

Q3- A state of matter which has neither definite shape nor definite volume –

- (a) solid
- (b) liquid
- (c) gas
- (d) none of these.

Q4- Evaporation of a material takes place -

- (a) above its boiling point
- (b) above its melting point
- (c) below its boiling point
- (d) below its melting point

Fill in the following blanks with suitable words :

Q5. Scientists say that there are actually five states of matter : solid, liquid, gas,.....and...

Q6. The state of matter called.....makes a fluorescent tube (or neon sign bulb) to glow....

Q7. Temp on Kelvin scale = Temp on Celsius scale +.....

Q8. Gases can be liquefied by applying.....and lowering.....

Q9. When steam condenses to form water, heat is.....

Q10. List any five physical properties of liquids.

Q11. What are the ways a gas can be liquefied?

Q12. Why solids cannot be compressed like gases?

Q13. Explain with an experiment to show gases do not have fixed shape or volume.

Q14. Convert the following temperature to Celsius scale: (a) 300 K (b) 573 K

MATHEMATICS

Q1. Is a zero a rational number? Can you write it in the form $\frac{p}{q}$, where P and q are integers and $q \neq 0$.

Q2. Which of the following is irrational number?

- 0.14
- $0.14\overline{16}$
- $0.\overline{1416}$
- 0.4014001.....

Q3. Represent the following numbers on the number line.

$$7, 7.2, \frac{-3}{2} \text{ and } \frac{-12}{5}$$

Q4. Insert a rational number and an irrational number between the following.

- 2 and 3
- 0 and 0.1
- $\frac{1}{3}$ and $\frac{1}{2}$
- $\frac{-2}{5}$ and $\frac{1}{2}$
- 0.15 and 0.16

Q5. Locate $\sqrt{5}$, $\sqrt{10}$ on the number line.

Q6. Represent geometrically the following numbers on the number line.

- $\sqrt{4.5}$
- $\sqrt{5.6}$

Q7. Find the value of $\frac{7^0 + 5^0}{2^0}$

Q8. Which is the greatest among $\sqrt{2}$, $\sqrt[3]{4}$ and $\sqrt[4]{3}$?

Q9. Which is greater:- $\left(\frac{1}{2}\right)^{\frac{1}{2}}$ or $\left(\frac{1}{3}\right)^{\frac{1}{3}}$

Q10. Is π a rational number? Justify your answer.

SOCIAL STUDY

Q1. Who among the following proposed the Social Contract theory?

- Locke
- Thomas Paine
- Montesquieu
- Rousseau

Q2. Identify the statement which is wrong with reference to Robespierre.

- He banned the use of white flour
- He rationed meat and bread
- He exempted his party men from punishment
- He converted churches into barracks or offices

- Q3.** The book 'Two Treatises on Government' was written by:
- Rousseau
 - John Locke
 - Montesquieu
 - Karl Marx
- Q4.** 'The Spirit of Laws' was written by:
- Montesquieu
 - Rousseau
 - Jean Paul Marat
 - John Locke
- Q5.** Which Revolution gave the ideas of Liberty, Freedom and Equality to the world?
- The American Revolution
 - The French Revolution
 - The Russian Revolution
 - None of these
- Q6.** Which of the following is true about 'Bastille Storming'?
- It was a fortress prison in France
 - It symbolized despotic powers of the French king.
 - French common men used to hate Bastille.
 - All of these
- Q7.** CBSE 2010): In the context of France, 'the fall of Bastille' took place on:
- 14th July 1789
 - 20th June 1789
 - 4th Aug 1789
 - 5th May 1789
- Q8.** Describe the circumstances leading to the outbreak of revolutionary protest in France.
- Q9.** Which groups of French society benefited from the revolution? Which groups were forced to relinquish power? Which sections of society would have been disappointed with the outcome of the revolution?
- Q10.** Who was Napoleon? Explain rise and fall?
- Q11.** When and where did Fr revolution begin?
- Q12.** Mention the rumours that inspired the people to begin French Rev.
- Q13.** What were the six causes of French Revolution?
- Q14.** What were the results of the French Revolution?
- Q15.** Describe the social conditions in France on the eve of Fr Rev?
- Q16.** Did women have a revolution in France in 1789 and after?

ENGLISH

Q1. Read the extract and answer the questions given below:-

Margie even wrote about it that night in her diary. On the page headed 17 May 2157, she wrote, 'Today Tommy found a real book! It was a very old book. Margie's grandfather once said that when he was a little boy his grandfather told him that there was a time when all stories were printed on paper. They turned the pages, which were yellow and crinkly, and it was awfully funny to read words that stood still instead of moving the way they were supposed to – on a screen, you know. And then when they turned back to the page before, it had the same words on it that it had when they read it the first time.

- What did Margie write in her diary?
- Had Margie ever seen a book before?
- They turned the pages. Who does 'They' refer to?
- What was funny about the book?

5. What was the condition of the book and why?

b. Short questions: -

1. What things about the book did Margie find strange?
2. Where was Margie's School? Did she have any classmates?
3. What kind of teachers did Margie and Tommy have?
4. Describe the characteristics of the old school?
5. What did Margie hate the most about her school?

HINDI

प्रश्न-1.

दिए गए गद्यांश को ध्यानपूर्वक पढ़ते हुए निम्नलिखित प्रश्नों के उत्तर दीजिए ।

झूरी कांछी के दो बैल थे, जिनका नाम हीरा और मोती था। दोनों पछाई जाति के थे, देखने में सुंदर, काम में चौकस, ढील में चौकस उँचे। बहुत दिनों साथ रहते-रहते दोनों में भाईचारा हो गया था। दोनों आमने-सामने या आस-पास बैठे हुए एक दूसरे से मूक भाषा में विचार विनिमय करते थे। एक दूसरे के मन की बात कैसे समझा जाता था, हम कह नहीं सकते अवश्य ही उनमें ऐसी गुप्त शक्ति थी। जिसमें जीवों में श्रेष्ठता का दावा करने वाला मनुष्य वंचित है। दोनों एक दूसरे को चाटकर और सूँघकर अपना प्रेम प्रकट करते, कभी-कभी दोनों सींग भी मिला लिया करते थे। विग्रह के नाम से नहीं केवल विनोद के भाव से, जैसे दोस्तों में घनिष्ठता होते ही धौल-धप्पा होने लगता है।

1. दो बैलों की कथा किसके द्वारा लिखी गई है?
2. दोनों बैलों का नाम क्या था?
3. दोनों बैल एक दूसरे से किस भाषा में बात करते थे?
4. झूरी के बैल अपना प्रेम एक-दूसरे के लिए कैसे प्रकट करते थे?
5. उपन्यासों का सम्राट किसे कहा जाता है?

प्रश्न-2. कांजीहौस में कैद पशुओं की हाज़िरी क्यों ली जाती होगी?

प्रश्न-3. छोटी बच्ची को बैलों के प्रति प्रेम क्यों उमड़ आया?

प्रश्न-4. कहानी में बैलों के माध्यम से कौन-कौन से नीति विषयक मूल्य उभर कर आए हैं?

प्रश्न-5. प्रस्तुत कहानी में प्रेमचन्द ने गंधे की किन स्वाभाविक विशेषताओं के आधार पर उसके प्रति रूढ़ अर्थ 'मूर्ख' का प्रयोग न कर किस नए अर्थ की ओर संकेत किया है?

प्रश्न-6. किन्न घटनाओं से पता लगता है कि हीरा और मोती में गहरी दोस्ती थी?

प्रश्न-7. 'लेकिन औरत जात पर सींग चलाना मना है, यह भूल जाते हो'।-हीरा के इस कथन के माध्यम से स्त्री के प्रति प्रेमचन्द के दृष्टिकोण को स्पष्ट कीजिए।

COMPUTER

Q1. A _____ is a website like any other. But it is intended to offer personal option for people on their hobbies, interest, commentaries, photo etc.

- (A) Protocol (B) Blog (C) Web page (D) Journal.

Q2. _____ protocol defines how message are formed, attended and transmitted and what actions web servers and browser should take in response to various commands:-

- (A) FTP
(B) TCP/IP
(C) HTTP
(D) SMTP

Q3. What is a Computer?

Q4. What is an Intranet?