

J.R.M. INTERNATIONAL SCHOOL

Achhnera Road, Sahai, Bichpuri, Agra

Session 2024-25

Holiday Homework

Class – 9th

1. हिन्दी –

प्रश्न 1. निम्नलिखित कवियों तथा कवियत्रियों का जीवन परिचय व रचनाओं का सचित्र वर्णन करें।

क) मीराबाई ख) रहीमदास ग) हरिवंश राय बच्चन घ) महादेवी वर्मा

प्रश्न 2. हिन्दी भाषा में रचित एक महाकाव्य पर एक लेख लिखिए तथा सम्बन्धित चित्रों को चिह्नित कीजिए।

प्रश्न 3. सभी विराम चिह्नों के नाम उनके चिह्नों सहित रंगीन कलात्मक ढंग से लिखिए।

प्रश्न 4. किसी एक विषय पर अनुच्छेद लिखिए।

क) संघर्ष ही उन्नति का मूल है (अनुक्रमांक 01 से 13 तक)

ख) राष्ट्रीय एकता (अनुक्रमांक 14 से 26 तक)

ग) कौशल भारत (अनुक्रमांक 27 से 39 तक)

घ) सह शिक्षा (अनुक्रमांक 40 से 52 तक)

ङ) जहाँ चाह वहाँ राह (अनुक्रमांक 53 से 65 तक)

2. English:

Literature – Make a project file on Importance of Trees.

OR

Environment.

File shows handwritten and well presents of and pictorial.

Language –

Do all the work in a milky file:

Que 1. Write a case – based factual paragraph on Social Media. Mention its merits and demerits.

Also make diagrams on paste paper cuttings related with it.

Que 2. Make a format of notice and write a notice on “**Blood Donation Camp**” in your school campus.

Que 3. Write a short story on “Bond of Humanity” also make a picture based on it.

3. Mathematics:

Que 1. Write a history of five “The Indian Mathematician Legends”

Que 2. Give a brief note on Irrational numbers and also represent irrational number such as $\sqrt{2}$, $\sqrt{3}$ and $\sqrt{5}$ on a number line.

Que 3. Give Axioms (Postulates) and Theorems of Euclid’s geometry.

Que 4. Highlight the given topic:

- a) Linear pair b) Vertically opposite angle c) Parallel Lines
d) Alternate interior angle e) Corresponding angles f) Co-interior angle
g) Congruence

Solve the worksheet.

Que 1. Prove that $(\sqrt{3} + \sqrt{5})$ is an irrational number.

Que 2. Represent $\sqrt{10.5}$ on the real number line.

Que 3. If $a = xy^{p-1}$, $b = xy^{q-1}$ and $c = xy^{r-1}$

Prove that $a^{q-r} b^{r-p} c^{p-q} = 1$

Que 4. If $3^x = (75)^z = 5^y$

Show that $z = \frac{xy}{2x + y}$

Que 5. If $3 + 2\sqrt{2}$, then find the value of $(\sqrt{x} - \frac{1}{\sqrt{x}})$

Que 6. Simplify $(x^2 - x + 1)^2 - (x^2 + x + 1)^2$

Que 7. If $x^4 + \frac{1}{x^4} = 119$, find the value of $x^3 - \frac{1}{x^3}$

Que 8. If $x + y + z = 8$ and $xy + yz + zx = 20$, find the value of $x^3 + y^3 + z^3 - 3xyz$

4. Science:

Que 1. Prepare a portfolio on "Natural resources" chapter no. 14 of your NCERT textbook. The topic covered in portfolio should be based on NCERT textbook. It should be handwritten and presentable.

5. Information Technology:

Que 1. Prepare a chart on input and output devices.

Que 2. Write the application of information technology.

Que 3. Give a brief note on CPU.

Que 4. Give differences between RAM and ROM.

Que 5. Write advantage and disadvantages of social media network.

6. Social Science:

Que 1. Prepare a project file and a model on given topics:

Roll No.	Student's Name	Topic	Roll No.	Student's Name	Topic
01	Abhay Solanki	Drought	35	Nikita Singh	Earthquake
02	Amrita Singh Solanki	Tsunami	36	Nitin Solanki	Fire
03	Ananya Singh	Flood	37	Prachi Baghel	Drought
04	Anjali Kumari	Cyclones	38	Pratibha Sikarwar	Wildfire
05	Anshu Solanki	Land-slides	39	Prince Sharma	Flood
06	Anushka Solanki	Earthquake	40	Priyansh Yadav	Tsunami
07	Arpita Khirwar	Flood	41	Radhika	Cyclone
08	Arun Solanki	Wildfire	42	Rajat Solanki	Tornadoes
09	Bedan Singh	Tornadoes	43	Ranu Solanki	Fire
10	Chanchal	Drought	44	Raunak Sikarwar	Landslides
11	Chandraveer Singh	Flood	45	Richa Solanki	Wildfire
12	Deepanshu Verma	Tsunami	46	Rishabh Singh	Flood
13	Dhananjay Singh Sik.	Cyclones	47	Riya Chaudhary	Draught
14	Dhananjay Solanki	Wildfire	48	Riya Sharma	Fire
15	Dhruv Prajapati	Fire	49	Riya Solanki	Earthquake
16	Divyansh Singh	Earthquake	50	Rudraksh Sikarwar	Cyclone
17	Divyanshi Indoliya	Tornadoes	51	Sajid Khan	Drought
18	Durgesh Solanki	Draught	52	Saumya Singh	Wildfire
19	Gargi	Cyclones	53	Shivam Kumar	Tsunami
20	Gauri	Flood	54	Shivam Solanki	Earthquake
21	Ichha Solanki	Fire	55	Shivani Verma	Tornadoes
22	Jai Jha	Tsunami	56	Sumit	Fire
23	Jatin Solanki	Wildfire	57	Sunny Chaudhary	Drought
24	Kanishka	Tornadoes	58	Tanmay Solanki	Flood
25	Khushi Kumari	Landslides	59	Unnati	Cyclone
26	Krishna Sikarwar	Cyclones	60	Vaishnavi Verma	Wildfire
27	Laveena	Earthquake	61	Vandna	Drought
28	Lucky Solanki	Flood	62	Vansh Dixit	Tsunami
29	Mahek Nauhwar	Draught	63	Vanshika Kumari	Flood
30	Manorama Singh	Fire	64	Vyom Baghel	Cyclone
31	Mohit Solanki	Landslide	65	Yash Kumar	Landslide
32	Nandinee	Cyclones			
33	Neeraj Singh	Flood			
34	Nidhi Solanki	Tornadoes			

Note:

- ★ Model Should be eco-friendly.
- ★ You may prepare either handwritten or typed project file. (It depends on your handwritten)
- ★ Project work should be neat & beautiful
- ★ Learn notebooks work & revise all the chapters.