

# SHRI JAIN PUBLIC SCHOOL, BIKANER



## HOLIDAY HOMEWORK CLASS - VIII (2018-19)

*Holiday homework is an attempt to channelize the creative energy of the children. Doing it in the right- spirit with enthusiasm will make it a great learning experience. Make sure that your work is neat, presentable, original and conforms to the guidelines.*



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**LEARN TO BE SAFE:**

- \* Do not go out alone without an elder to accompany you.
- \* Never talk to strangers.
- \* Do not accept gifts/eatables from strangers.
- \* Play in a fenced area and not on streets.
- \* Scream for help in case you feel you are in danger.
- \* Memorise your parent's phone numbers.
- \* If you find yourself lost in a market ask for someone to give a call to your parents.

**LEARN TO BE RESPONSIBLE AND DEVELOP PERSONAL SKILLS:**

- \* Take up one task everyday and figure out how you will complete this task.
- \* Keep things in their proper places so as to keep your bedroom clean.
- \* Help your mother in laundry.
- \* Water the plants.
- \* Dust and clean your room.
- \* Look after your younger brother or sister.
- \* Set the dining table for your family.
- \* Feed your pet if you have one.

**DEVELOP PERSONAL HYGIENE:**

- \* Keep your surroundings clean.
- \* Trim your nails once a week.
- \* Early to bed, early to rise, Plenty of sleep helps you concentrate.
- \* Wash your hands before and after meals.
- \* Wash your hair and keep it neat by combing.
- \* Bath or shower daily. Wash hands after using the toilet.
- \* Eat a healthy and balanced diet.

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## ENGLISH

- Write the names of all parts of speech and present these with suitable example in a creative way.
- Write about 2 famous poets of English and their work.
- You recently bought an electric iron from Sama Home Appliances. The iron is not working properly. Write a letter to the manager of the store, requesting him/her to replace the product. Give necessary details such as date of purchase model number etc.
- Write a story with the help of given introductory line.  
One day I was sitting in my room My Father.....

## HINDI

- अनौपचारिक पत्र- ग्रीष्मावकाश में किए गए सामाजिक कार्य का वर्णन करते हुए अपने मित्र को पत्र लिखिए।
- 'हँसरी का महत्व' विषय पर अनुच्छेद लिखिए।
- गर्मियों में पेयजल अंकट को लेते हुए दो पड़ोसियों के बीच हुए आपसी अंवाद को लिखिए।



## MATHS

- Solve the worksheet given at the end in your Maths note book.

## SCIENCE

- Paste some synthetic fibres and mentioned their name along with their origin
- Draw and label a diagram of plant cell and animal cell.
- Draw a nitrogen cycle and explain the process of cycling of Nitrogen.
- Draw the diagram of solar system and explain Milky Way Galaxy.

## SOCIAL SCIENCE

- On an outline map of India, mark the major types of soil.

- Write any ten countries name their capitals, President/Prime Minister's name, Currency, Language and their tourist places in a creative way.
- On an outline map of India, mark the following Hydro Power Stations  
 (a) Bhakra Nagal                      (b) Tehri  
 (c) Ranapratap sagar              (d) Tungabhadra  
 (e) Hirakud
- Draw a neat and label diagram of  
 (a) Soil profile showing different horizons of soil.  
 (b) Rain water harvesting system.

## ART

- Prepare an earthen lamps stand, and an Ice cream sticks lamp shade.

## GK

- Learn the worksheet given at the back



### Note:-

1. All written work to be done in respective subject notebooks.
2. Student's own creativity and work will be appreciated. Parents are requested not to do the work.
3. Stay indoors in the afternoon.
4. Drink plenty of water every day.
5. Read newspaper daily and listen news headlines to keep yourself updated.
6. 5 Marks will be assigned for each subject Holiday Homework.
7. Students need to learn all the work done in books and notes books for Term I exam.

*A teacher's purpose is not to create  
 students in his own image,  
 but to develop students  
 who can create their own image.*

# SHRI JAIN PUBLIC SCHOOL

Class -VIII

Sub- Maths

## HOLIDAY HOMEWORK

NAME \_\_\_\_\_

Q.1 Write the additive inverse of the following:

- (a) 1 (b) -1  
(c)  $1\frac{3}{2}$  (d)  $-\frac{6}{5}$

Q.2 Write the multiplicative Inverse of the following:

- (a) 1 (b) -1  
(c) 0 (d)  $3\frac{1}{2}$   
(e)  $-\frac{7}{5}$

Q.3 Multiply  $\frac{6}{13}$  by the reciprocal of  $-\frac{7}{16}$

Q.4 Find using distributive:  $\left[\frac{7}{5} \times \left(-\frac{3}{12}\right)\right] + \left[\frac{7}{5} \times \frac{5}{12}\right]$

Q.5 Simplify:  $\frac{16}{39} + \frac{9}{-26}$

Q.6 Verify:  $\frac{-5}{8} + \frac{3}{5} = \frac{3}{5} + \frac{-5}{8}$

Q.7 What should be subtracted from  $-\frac{3}{4}$  so as to get  $\frac{5}{6}$ ?

Q.8 Simplify:  $\left(-\frac{3}{2} \times \frac{4}{5}\right) \div \left(\frac{9}{5} \div -\frac{10}{3}\right) - \left(\frac{1}{2} \times \frac{3}{4}\right)$

Q.9 The product of two rational number is  $-\frac{28}{75}$ . If one number is  $\frac{14}{25}$ . Find other.

Q.10 Multiply the reciprocal of  $\frac{7}{8}$  by the reciprocal of  $-\frac{2}{21}$

Q.11 Find 10 rational numbers between  $-\frac{2}{5}$  and  $1\frac{1}{2}$

Q.12 If 10-12 is a class interval then the lower limit \_\_\_\_\_

Q.13 The difference of the upper limit and lower limit is called \_\_\_\_\_

Q.14 Draw a bar graph for the following:

Week	I	II	III	IV	V
No. of cycles produced	800	1300	1060	920	1440

Q.15 A bag has 4 red balls and 2 yellow balls. A ball is drawn from the bag without looking into the bag. What is probability of getting a red ball? Is it more or less than getting a yellow ball?

Q.16 The range of the data; 4, 16, 20, 16, 6, 5, 4, 18, 25, 15 and 5 \_\_\_\_\_

Q.17 Draw a pie chart:

Colours	Blue	Green	Red	Yellow	Total
No. of peoples	18	9	6	3	36

Q.18 A die is thrown once find the probability of getting

- (a) an even no. (b) an odd no.  
(c) prime no. (d) composite no.  
(e) multiple of 2 (f) numbers between 2 and 6

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- (g) numbers not less than 4 (h) a square number
- \*Q.19 Find the multiplicative inverse of  $(2^3)^{-2}$
- \*Q.20 Simplify and write in exponential form:
- (a)  $p^3 \times p^{-10}$  (b)  $3^2 \times 3^{-5} \times 3^6 \times 3^0$
- \*Q.21 Write 34500000 and 0.000016 in standard form.
- \*Q.22 Express the following in usual form:
- (a)  $3.02 \times 10^{-6}$  (b)  $4.5 \times 10^6$
- \*Q.23 Simplify:
- (a)  $\frac{625 \times t^{-4}}{5^{-2} \times 10 \times t^{-7}} (t \neq 0)$  (b)  $\frac{3^{-5} \times 10^{-5} \times 125}{5^{-7} \times 6^{-5}}$
- \*Q.24 Evaluate:
- (a)  $\left[ \left( \frac{1}{2} \right)^{-1} - \left( \frac{1}{3} \right)^{-1} - \left( \frac{1}{4} \right)^{-1} \right]^{-1}$  (b)  $(5^{-1} \times 2^{-1}) \times 6^{-1}$
- (c)  $\left[ \left( \frac{5}{8} \right)^{-7} \times \left( \frac{8}{5} \right)^{-4} \right]$  (d)  $\left\{ \left( \frac{-2}{3} \right)^{-2} \right\}^{-3}$
- \*Q.25 Find the value of m for which  $5^{m+3} \div 5^{-3} = 5^6$



## G.K. – CURRENT AFFAIRS

- \*1. Which neighbouring country has removed reservation in government jobs?  
\*Ans. Bangladesh
- \*2. Who is the Prime Minister of Nepal?  
\*Ans. K.P. Oli
- \*3. What is Ayushman Bharat Yojna?  
\*Ans. It's a central government scheme for health and welfare of citizen of India.
- \*4. Which country is the second largest producer of Mobile?  
\*Ans. India.
- \*5. What is mission 'Indira Aarush'?  
\*Ans. Mission Indiraarush is a state government scheme which provide vaccination upto 2 years children.
- \*6. In Rajasthan in which district 'Chackchain Pura Airport' is situated?  
\*Ans. Sawai Madhopur
- \*7. Who is awarded with 'Dada Saheb Phalke Award' for 2017?  
\*Ans. Vinod Khana
- \*8. Which Hindi movie is awarded as a best movie in 65th national Film Award?  
\*Ans. Newton
- \*9. Which country is on first place in Medal table in 21st Commonwealth Games?  
\*Ans. Australia.
- \*10. What was the position of India in 21st Commonwealth Games?  
\*Ans. Gold-26, Silver-20, Bronze-20, Total:66, Place-3rd
- \*11. Who is the CJI of India?  
\*Ans. Mr. Deepak Mishra
- \*12. When do we celebrate World Earth Day?  
\*Ans. 22nd April.
- \*13. When we celebrate national 'Panchayati Raj Day'?  
\*Ans. 24th April.
- \*14. Who is the writer of 'The Turbulent Year's'?  
\*Ans. Pranab Mukhar Ji.
- \*15. What is 'Sahyog-Hyeobly'?  
\*Ans. It a bint drilling exercise between Indian & South Koria.
- \*16. Which movement has completed it's 100 years in 2018?  
\*Ans. Champaran Movement.
- \*17. On which Indian Cricketer Postal Stamp is issued in April 2018.  
\*Ans. Jhulan Goswami.
- \*18. From where PM Narendra Modi has launched Aushmaan Bharat Yojna'?  
\*Ans. Bijapur (Chhatisgarh)
- \*19. Who is the CM of Telangana?  
\*Ans. C. Chandra Shekhar Rao.
- \*20. Which country is going to host next winter Olympics in 2022?  
\*Ans. Bezing (China)
- \*21. According to forest report 2017 which state of India covers maximum forest area.  
\*Ans. Lakshdweep (90.33%), Mezoram (86.27%)
- \*22. What is the full form of NITI Aayog?  
\*Ans. National Institution for Transforming India.
- \*23. Between which two states 'Kaveri dispute' is there?  
\*Ans. Between Karnatak & Tamilnadu.
- \*24. In Rajasthan in which district 'Second Military School' has is started?  
\*Ans. Jhunjunnu.
- \*25. Name the youngest girl who has crossed 47 km distance in Arabian sea?  
\*Ans. 14 year old, Gourvi Shinghvi
- \*26. Where Bisalpur Dam is situated in Rajasthan?  
\*Ans. Tonk

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\*27. Which movie is awarded as the best movie in Oscar 2017?

\*Ans. The shape of water.

\*28. For how many seats Karnataka Legislative assembly election held?

\*Ans. 224

\*29. Who is awarded with Dr. A.P.S. Abdul Kalam 'World Peace Prize'?

\*Ans. Dadi Janki

\*30. Who won Cricket World Cup under 19?

\*Ans. India.

\*31. What is the name of the Solar Mission which is started by ISRO in 2019?

\*Ans. Aditya L-1

\*32. Who is the Chief Minister of Tripura?

\*Ans. Mr. Biplab Kumar Deb.

\*33. Who has won the country's first gold medal in the women's weight lifting category in CWG?

\*Ans. Saikhram Mirabai Chanu

\*34. Name the missile which is launched at Pokhran in Rajasthan?

\*Ans. Brahmos Missile.

\*35. Who is the newly elected representative of India in UNESCO?

\*Ans. Professor J.S. Rajput former director of NCERT.

\*36. The 'Treaty of Transit' related to the development of Inland waterways is signed between which two countries in 2019?

\*Ans. India and Nepal.

\*37. One rupee note bears the signature of the \_\_\_\_\_

\*Ans. Secretary, Ministry of Finance

\*38. Antyodaya Scheme launched by the Government is meant to help which category people of India?

\*Ans. Poorest of the poor section of the society.

\*39. Who is the writer of the book "The wings of fire" an autobiography?

\*Ans. A.P.J. Abdul Kalam

\*40. Name the first woman who conquer Mount Everest Twice?

\*Ans. Santosh Yadav.

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