**SAINT JOHN’S ACADEMY, ALLAHABAD**

**CLASS - IV - WINTER VACATION HOMEWORK - 2015**

 **MATHEMATICS - [TO BE DONE IN SEPARATE FILE PAPERS]**

1. Write in figure - Five million seven
2. Find the H.C.F of : 80, 128, 144
3. Simplify : 10 − 3.8 + 0.02 − 4.6
4. Solve :
5. 5 students have 30 sweets altogether. How many sweets will 45 students have ?
6. Solve : a) 6.437 ÷ 100 b) 0.009 X 100

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**ENGLISH** **LITERATURE - - [TO BE DONE IN SEPARATE FILE PAPERS]**

1. Read the following lines of a poem given in you literature book and write the name of the poem, also the poet's name.

'Who dressed my dolls in clothes so gay,

And fondly taught me how to play,

And minded all I had to say ?'

1. Write the meanings of the following words : a) courtesy b) affection
2. Make sentences using the following words : a) cradle b) ashamed
3. Use the clues to complete the word pyramid :

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | M | O |  | 1) a crowd |
|  |  |  |  | M | O |  |  | 2) night insect |
|  |  |  | M | O |  |  |  | 3) January is one of these  |
|  |  | M | O |  |  |  |  | 4) She loves you best of all ! |
|  | M | O |  |  |  |  |  | 5) the early part of the day |
| M | O |  |  |  |  |  |  | 6) a very high place to climb |

1. Write four qualities of Mahatma Gandhi also write a short note on the freedom struggle of Mahatma Gandhi.
2. Write a paragraph about your mother. You may use words and phrases from the poem 'My Mother'.

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ENGLISH LANGUAGE - **- [TO BE DONE IN SEPARATE FILE PAPERS]**

Q.1) Write the Comparative and Superlative forms of the given Adjectives :

1. Greedy \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Gloomy \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Little \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q.2) Rewrite the sentences after changing the tenses as directed :

1. The plane was leaving the tarmac. (Simple past tense)
2. Mrs. Sharma teaches us mathematics. (Simple present tense)

Q.3) Fill in the blanks with the correct form of the Verb in the following sentences :

1. The children \_\_\_\_\_\_\_\_\_\_\_ (cry) all day.
2. The dog \_\_\_\_\_\_\_\_\_\_\_\_\_ (sleep) in the kennel.

Q.4) Fill in the blanks with the Past Tense of the words given in the brackets :

Once, a sparrow \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (invite) a turtle to her daughter's first birthday party. "Don't be late !" She \_\_\_\_\_\_\_\_\_\_\_\_\_ (chirp) and flew away. The turtle set off the next morning and \_\_\_\_\_\_\_ (begin) walking towards the sparrow's nest. He \_\_\_\_\_\_\_\_\_\_ (walk) and \_\_\_\_\_\_\_\_ (walk) day and night till finally one morning he (reach) the tree where he saw celebrations.

Q.5) Comprehension: Read the following passage and answer the questions given below:

Many scientists believe that dolphins are as smart as dog and horses. But sometimes they are even smarter. Dolphins live in oceans. However, they are not fish. They are mammals. Like all mammals, dolphins nurse their young. They do not breathe underwater. And their bodies stay at an even temperature. There are more than fifty different kinds of dolphins.

One kind, known as the bottle nosed dolphin, gets along very well with people. These are smart, easy to train and learn tricks very quickly. People have trained them to throw and catch rings and balls, ring a bell, and jump through hoops. They can even carry tools to divers. They often do shows in the pools for visitors.

Q.1) Are dolphins, fish or mammals ? How do you know ?

Q.2) How many kinds of dolphins are there ?

Q.3) Which is the most popular variety of dolphins ? What does it do ?

Q.4) Name some of the things which dolphins have been trained to do ?

Q.5) Do you know of any animal which can perform tricks and entertain people ? Write a short paragraph describing the animal and its tricks.

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SOCIAL STUDIES

Q.1) On a separate sheet of file paper paste the pictures of any five food crops and any five cash crops grown in India.

Q.2) On the physical map of India mark the following :

 a) Lakshadweep Island b) Andaman and Nicobar Island

 c) Western Ghats d) Eastern Ghats

 e) The Western Coastal Plains

Q.3) Draw colourful pictures showing different seasons of India. Also paste pictures of special food items, festivals and dresses used in these seasons.

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SCIENCE

Q.1) On plain file papers paste the pictures of any five machines and write how they are helpful to us in making work easier.

Q.2) On plain file papers draw and label the different layers of soil.

Q.3) Define : a) Humus b) Soil erosion c) Force d) Simple Machine

Q.4) Give on example of transformation of energy.

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COMPUTER SCIENCE

Q.1) Write the full form of : a) WWW b) ISP c) URL

Q.2) Answer in one word :

a) Founders of Google b) Founder of Hotmail c) Founder of WWW

Q.3) What are Search Engines ? Write any three examples of Search Engines.

Q.4) Write any five uses of Internet.

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