



# AJMANI INTERNATIONAL SCHOOL

## Summer Holiday Home Work 2017-18

### Class : VII

#### English : Worksheet

#### 1. Read the following passage and answer the questions based on it:-

To expect a permanent success without self- help is simply building castles in the air. Many people attribute their failure to others. They think fear, envy, anger, egotism, selfishness, back biting, insin- certify and the like on the part of others are the causes of their failures.

A man self- help thinks and acts in a different way. He never blames others for his failure and analyses his own action till he finds out the real cause. The defects in others do not dishearten him. He tries his best to over some his own short comings patiently and courageously. He wins the sympathy of others when he succeeds; even his enemies come to congratulate him. His friends rally round him to share his joy. But he never rests until the first of his labour is finally obtained.

- (i) A man of self - help \_\_\_\_\_ and \_\_\_\_\_ in a different ways.
- (ii) The defects in others do not \_\_\_\_\_ him
- (iii) A man of self - help wins the sympathy of \_\_\_\_\_ when he \_\_\_\_\_

#### 2. Find synonyms

- (i) anger    (ii) difficult    (iii) allow    (iv) drink    (v) eminent

#### 3. Find antonyms

- (i) Arrogant    (ii) Valuable    (iii) enmity    (iv) hope
- (v) pleasure

#### 4. Find the meanings of these words and making sentences:-

- (i) Allusion    Illusion    (ii) Blew Blue    (iii) Brake Break
- (iv) Eligible    Illigible    (v) Flea    Flee

#### 5. Find out the noun- pronouns and verbs in the given passage:-

A giant panda is a special kind of bear. It has thick, white fur black ears and legs, and also black patches around its eyes. Most pandas live on their own, in the mountains of China. They eat bamboo which grows in the forests.

6. Write an application to the Principal of your school requesting him for sick leave.
7. Read the following sentences and use appropriate punctuation marks wherever required

Why is the machine not working

A what a lively view

this house belongs to dr. rekha Banerjee

he had gone to safdarjang airport

who built the qutub minar

8. Write five lines on the topic - 'Honesty is the best policy'



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**हिन्दी I, II**

1. पुस्कालय में हिन्दी की पुस्तके मगँवाने के लिए पुस्कालय अधिकारी को पत्र ।
2. संकेत के आधार पर कहानी लिखिए ।

पशु-पक्षियो में झगड़ा, चमगादड़ो के मन में चालाकी आना, पशुओ को जीतते देखकर उसका पशु-दल में शामिल होना, बाजी पलटना और पक्षी दल का जीतना, चमगादड़ो का पशु-दल छोड़कर पक्षी-दल में शामिलहोना, पशु-पक्षियों का आपस में संधि करना तथा आपस में मित्र बन जाना तथा दोनो को चमगादड़ो के दल से हटा देना, स्वार्थी चमगादड़ो का अकेले रह जाना,

शर्म के मारे चमगादड़ों का अंधेरे कोहरों में छिप जाना ।

पाठ- 1 से पाठ 5 तक समस्त अभ्यास कार्य व प्रश्नोत्तर याद करें ।

**संस्कृत**

1. पाठ- 1 से पाठ- 5 समस्त अभ्यास कार्य याद करें ।
2. पठ् धातु के रूप समस्त लकारों में याद करें ।।
3. गायत्री मंत्र लिखकर याद करें ।



**Mathematics**

1. Fill in the blanks:

(i) The product of \_\_\_\_\_ and -1 is -35.

(ii) \_\_\_\_\_  $\times$  (-8) = 96

(iii)  $11 + \underline{\hspace{2cm}} = (-27) + 11$

(iv)  $14 + \underline{\hspace{2cm}} = 0$

2. Is subtraction of integers commutative? Give an example to support your answer.

3.  $(-1)^{103} + (-1)^{104} = 0$ ; True or False?

4. Find the value of :  $(-10 - 10) \div \{-10 - (-10 - 10)\}$

5. Add the additive inverse of  $(-12 + 16 - 42 \div 3 \text{ of } 7)$  to the product of -2, -3 and -4.

6. A monkey can climb 3 m in one minute. After half an hour how high can he reach?

7. Find the value of :

(i)  $65129 \times 99 - (-65129)$

(ii)  $-295 \times -66 + (-295) \times (-34)$

8. Find the product using suitable properties:

(i)  $(-48) \times 105$

(ii)  $62 \times 199$

9. Use the number line to work out:

(i)  $-4 \times 3$

(ii)  $5 \times (-2)$

10. The temperature of a certain place fell by  $2^{\circ}\text{C}$  (a change of  $-2^{\circ}\text{C}$ ) each day for a week.

What is the change of temperature over the whole week?

11. A ladder has 10 steps. A labour has to carry some weight to the top. He climbs the ladder 2 steps up in one second and 1 step down in the next second by dancing on a famous tune. In how many seconds would he reach the top?

12. Find the missing numerator :

$$2\frac{\square}{6} + 4\frac{5}{12} = 6\frac{7}{12}$$

13. Simplify :  $\left(\frac{1}{2} + \frac{1}{2}\right) \div 1\frac{5}{6} \times 11 - 3\frac{1}{2}$

14. The cost of 1 litre petrol is Rs.  $42\frac{4}{7}$ . What is the cost of  $10\frac{1}{2}$  litres of petrol?

15. Mr. Joshi bequeathed  $\frac{1}{3}$  of his money to his son,  $\frac{1}{5}$  to his daughter and the remaining to his wife who got ` 42,000. What was the total amount?

16. A tank is full of water. 50 litres more are required to fill it up? How many litres can the tank hold?

17. A magazine has 60 pages of which  $\frac{7}{12}$  are for advertising  $\frac{4}{15}$  have only photographs on them and the rest of articles and stories. How many pages have articles and stories on them?

18. Find :  $1\frac{1}{24} \times 2\frac{1}{4} \div 1\frac{1}{14}$

19. Simplify :-  $1\frac{5}{6} \times 2\frac{3}{4} + 1\frac{5}{6} \times 1\frac{3}{4}$

20. How much more is  $\frac{1}{2}$  of  $\frac{2}{3}$  than  $\frac{3}{4}$  of  $\frac{1}{3}$ ?

21. Simplify:  $\frac{1}{4} + \left[ \frac{1}{2} \times \frac{1}{2} \div \left\{ \frac{1}{2} \times \frac{1}{2} \div \frac{1}{2} + \left( \frac{1}{2} \div \frac{1}{2} \right) \right\} \right]$

22. A man spends  $\frac{2}{5}$  of his money and has Rs. 90 left. How much did he have initially?

23. Subtract the different of 43.875 and 53.9 from the sum of 23.358 and 2.3023.

24. How many decimals places does  $(1.3)^3$  have?

25. Give the fractions as decimals to 3 decimals places:

(i)  $1 - \frac{3}{11}$

(ii)  $\frac{19}{24}$

26. The thickness of 54 sheets of paper is 15.12mm. What is the thickness of each sheet in cm?
27. The Mariana Trench is about 10,900 deep in the Pacific Ocean. Is this greater or less than the 8.85km height of Mt. Everest?
28. 4 kg of sweets are shared equally among 5 children. How many grams of sweets does each child get?

29. Find

(i)  $1.564 - 0.500 + 3.001 - 2.500$       (ii)  $\frac{64 - 0.008}{16 + 0.8 + 0.04}$

30. What number is equal to  $\left(\frac{0.1}{0.01} + \frac{0.01}{0.1}\right)$



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#### Science

##### 1. Answer in one word:

- (i) Green coloured pigment found in the leaves \_\_\_\_\_
- (ii) Raw material absorbed from the soil for photosynthesis \_\_\_\_\_
- (iii) It is the muscular pipe that connects mouth with the stomach \_\_\_\_\_
- (iv) An acid that acts as a medium for pepsin to act.
- (v) Finger like projection in small intestine \_\_\_\_\_
- (vi) Finger like projection in Amoeba \_\_\_\_\_
- (vii) Partially digested food in summer of nutrients \_\_\_\_\_
- (viii) Carbohydrates that Ruminants can not digest easily. \_\_\_\_\_
- (ix) Common silk worm from which silk is obtained \_\_\_\_\_
- (x) A ball of silk thread woven by the caterpillar \_\_\_\_\_
- (xi) Soft fluffy fibres in wool removed manually \_\_\_\_\_
- (xii) Shaggy white wool \_\_\_\_\_
- (xiii) Tiny particle of a substance \_\_\_\_\_
- (xiv) Formation of crystal from liquid or gas \_\_\_\_\_
- (xv) Latin name of mercury \_\_\_\_\_

##### 2. Give two examples of :-

- (i) Polyatomic elements \_\_\_\_\_
- (ii) Chemical change \_\_\_\_\_
- (iii) Physical change \_\_\_\_\_
- (iv) Mixture \_\_\_\_\_
- (v) Wool giving animal (except goat and sheep) \_\_\_\_\_
- (vi) Wool giving goats \_\_\_\_\_ , \_\_\_\_\_

(vii) Breeds of sheep \_\_\_\_\_, \_\_\_\_\_

(viii) Silk worms \_\_\_\_\_, \_\_\_\_\_

(ix) Parasite plants \_\_\_\_\_, \_\_\_\_\_

(x) Chemicals used in labs to test presence of starch in leaves \_\_\_\_\_, \_\_\_\_\_

3. (a) Draw a clean and labeled diagram of Human Digestive System and explain the process of Digestion and the organs involved in it.

or

(b) Explain incisor and the 4 types of teeth present in your mouth along with its function. Support your answer with the diagram.

4. (a) Explain what is chemical Formula and how can you write chemical formula.

(b) What is chemical change? Explain rusting and the process of rusting Iron with support of chemical reaction.





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**S.St.**

**1. Find the answer to the following clues in the given grid, horizontally and vertically**

- (i) An important city of the Ganga valley.
- (ii) The University founded by Dharmapala.
- (iii) The Rajputs belonging to the sun's family.
- (iv) King's feudatories in the Medieval Period.
- (v) The coins issued by Raja Bhoja had this mark.
- (vi) Capital of the Cholas.
- (vii) The famous example of bronze sculpture under the cholas.
- (viii) Author of Javirajamarga.
- (ix) The title adopted by Rajendra Chola I.
- (x) Meanings of the world Pala.
- (xi) The holy city invaded by Ghazni.

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | D | E | G | A | M | O | G | H | V | A | R | S | H | A | I |
| C | T | F | H | J | L | N | P | R | T | V | X | Z | A | B | D |
| E | A | G | I | K | S | O | M | N | A | T | H | M | O | Q | S |
| V | N | W | Y | Z | U | A | E | H | K | N | Q | T | W | Z | B |
| E | J | H | V | A | R | A | H | A | K | N | Q | U | X | A | F |
| K | A | P | U | Z | Y | B | M | Z | L | G | Y | K | X | V | J |
| W | V | N | A | T | A | R | A | J | A | A | I | V | H | I | U |
| G | U | T | F | S | V | F | T | E | R | N | A | P | Q | K | L |
| A | R | B | C | Z | A | U | X | M | P | G | J | I | H | R | M |
| D | B | K | A | N | N | A | U | J | O | A | P | S | Q | A | T |
| F | E | D | Q | B | S | C | F | K | H | I | G | E | D | M | A |
| H | G | J | P | L | H | W | Z | M | B | K | Y | R | N | S | O |
| I | M | L | D | N | I | X | B | N | D | O | U | B | A | H | D |
| B | H | O | G | A | P | A | T | I | F | N | T | X | Y | I | Z |
| J | C | I | M | P | Q | V | Y | T | H | D | P | V | T | L | V |
| L | F | C | B | M | R | S | T | G | U | A | R | D | I | A | N |

**1. Arrange the following dates in Chronological order. Write one line about each:-**

In CE:- 1178, 1173, 1191, 750, 997, 1192, 780-910

**2. Answer the following questions in one word**

- (i) Science of studying inscriptions \_\_\_\_\_
- (ii) Art of beautiful and stylish hand writing \_\_\_\_\_

- (iii) Science of systematic collection and study of coins \_\_\_\_\_
- (iv) A person who gives money and support to artists, writes, or an organization \_\_\_\_\_
- (v) The right to vote in a country's election \_\_\_\_\_.
- (vi) A group of people having same set of beliefs and thoughts \_\_\_\_\_
- (vii) The living organisms like plants, animals and mankind \_\_\_\_\_
- (viii) The elements like air, water and land \_\_\_\_\_.
- (ix) The organisms who can produce their food directly from environment \_\_\_\_\_
- (x) Elections held after 5 years.

3. Find the about the government of your state. The name of the Chief Minister, the party he belongs to, the symbol of the party and the manifesto of the party.

4. Write True or False and rewrite the false statement correctly

- (i) Sun is the secondary sources of energy. [    ]
- (ii) Life exists in biosphere. [    ]
- (iii) Democracy originated in the Greek city of Athens. [    ]
- (iv) The right of every person to vote below the age of the 18 years. [    ]
- (v) Shahanama is written by Ali Beruni. [    ]
- (vi) Medieval period is divided in to 3 parts. [    ]

5. Match the following:-

- |                               |                   |
|-------------------------------|-------------------|
| a. Franchise                  | 700-1800CE        |
| b. Election                   | Wood              |
| c. First Battle of Tarain     | Water             |
| d. Medieval period            | Right to vote     |
| e. Hydrosphere                | Political parties |
| f. Secondary source of energy | 1191CE            |

6. Draw a diagram of "Domains of environment"



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#### Computers

1. Make a chart of binary arithmetic operation on chart paper.
2. Learn Q/A of Ch 1, 2, 3, 11

#### Arts

7. Craft- Page No. 69 Paper Straw doll