

1076 NADI SANGAM SCHOOL

HOME STUDY PACKAGE 22

ASSESSMENT 4

SOLUTIONS

YEAR 7



2021

1076 NADI SANGAM SCHOOL

YEAR 7

ENGLISH

WEEKLY HOMESTUDY PACKAGE 22 SOLUTION

1. B 2. C 3. A 4. A 5. D 6. B 7. C 8. A 9. D 10. A

1076 NADI SANGAM SCHOOL
WEEKLY HOME STUDY PACKAGE 22
ASSESSMENT 4
MATHEMATICS solution
Year7

MULTIPLE CHOICE

1. Raj's family of 2 adults and 2 children went to watch movies at Life Cinema D-max. If each adult paid \$10.00 and each child paid \$6.50, how much change will Raj get from a \$50.00 note?

A. \$16.50 B. \$17.00 C. \$33.00 D. \$33.50

2. A plane ticket costs \$75. Which calculation will give the new price if a fee of 10% is added to the price?

A. $\$75 \times \7.50 B. $\$75 - \7.50 C. $\$75 \div \7.50 D. $\$75 + \7.50

3. A crate filled with bottles weighs 4 kg. The bottles weigh 2.3 kg. What is the weight of the empty crate?

A. 1.7 kg B. 2.3 kg C. 6.3 kg D. 9.2 kg

4. There are 2 green, 4 blue, 3 orange and 3 yellow marbles. What is the probability that Rusiate picks a blue marble?

A. $4/12$ B. $1/4$ C. $1/12$ D. $8/12$

5. In the diagram given below, the cone and cylinder have the same height and diameter. If the volume of the cylinder is 90 cm^3 , then the volume of the cone would be

A. 10 cm^3 B. 30 cm^3 C. 60 cm^3 D. 90 cm^3

6. Mereoni was given \$5.00 for her spending. She spent \$3.00 on snacks. What percentage of the money was spent on snacks?

A. 2 %

B. 3 %

C. 40 %

D. 60 %

7. Shanil borrows \$8,000 for 4 years from a bank to buy a car. What is the Simple Interest charged by the bank if the rate is 8% per annum?

A. \$320

B. \$640

C. \$1,280

D. \$2,560

8. $4^2 + 3^3 =$ _____

A. 43

B. 20

C. 28

D. 97

9. $7.2 \div 0.08 =$ _____

A. 0.09

B. 0.9

C. 90

D. 900

10. The value of p in the equation $2p - 6 = 10$ is

A. 2

B. 8

C. 11

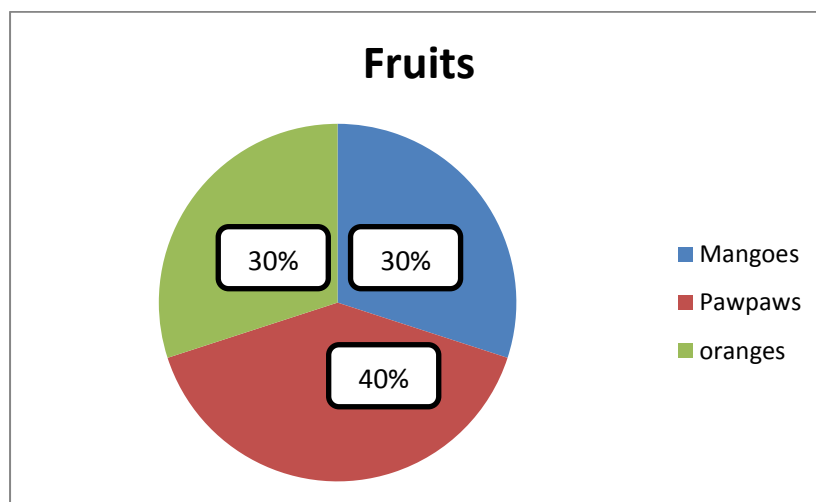
D. 32

PROBLEM SOLVING

11. Francis bought the following fruits from the market on a Saturday morning:

- 15 Mangoes
- 20 Pawpaws
- 15 Oranges

(a) On a pie chart show how much percentage would represent one fruit?



(b) How much percentage would represent Oranges? $15/50 \times 100 = 30\%$

(c) What fraction (in simplest form) of the pie would be pawpaws? $40/100 = 4/10 = \underline{2/5}$

12. A population survey showed 16,000 adults and children participated in a kite fly competition. $1/4$ of the population which flew the kite were adults.

(a) What number of the kite flyers were adults?

$$\frac{1}{4} \times 16000 = 4000 \text{ adults}$$

(b) Calculate the number of children who flew the kites.

$$\frac{3}{4} \times 16000 = 12000 \text{ children}$$

(c) If half of the adults are females. How many females participated in the competition?

$$\frac{1}{2} \times 4000 = 2000 \text{ female adults}$$

13. The weight of a truck is 9.5 tonnes. **1 tonne = 1000 kg**

(a) The truck is loaded with another 3 tonnes of cargo. What is the total weight of the truck and the cargo in kg? $9500\text{kg} + 3000\text{kg} = 12500\text{kg}$

(b) If $2/5$ of the cargo is off-loaded, how many tonnes of cargo is left?

$$\frac{2}{5} \times 3000\text{kg} = 1200\text{kg}$$

$$3000\text{kg} - 1200\text{kg} = \underline{1800\text{kg}}$$

14. 10% of \$250 = $10/100 \times 250 = \underline{\$25}$

15. Change 15% to simplest fraction. $15/100 = \underline{3/20}$

1076 NADI SANGAM SCHOOL
YEAR 7
BASIC SCIENCE
WEEKLY HOME STUDY PACKAGE 22
SOLUTION

Part A**(4 marks)**

Write **(T)** for True and **(F)** for False for the following statements in the spaces provided.

_____	1.	Kidney is an excretory organ.
_____	2.	Teeth are examples of internal structures for nutrition.
_____	3.	Manure pollutes land.
_____	4.	Degradation of the ecosystem results in low biodiversity.

Part B**(4 marks)**

Match the items in **Column 1** with its best description in **Column 2**. Write the letter in the boxes provided.

Column 1		Column 2	
(i)	Hydroponics	(a)	Enhanced greenhouse gas emissions
(ii)	Composting	(b)	Exact place where an organism lives
(iii)	Burning	(c)	Growing plants using mineral nutrient solutions
(iv)	Habitats	(d)	Proper disposal method
		(e)	A community of living organisms
		(f)	Plants growing in water

1076 NADI SANGAM SCHOOL**YEAR 7****SOCIAL STUDIES****WEEKLY HOMESTUDY PACKAGE 22 SOLUTION****FILL IN THE BLANKS**

i- rights ii- belong iii- families iv- dependent v- care

vi- decisions vii- conflicts viii- peacefully ix- diverse x- difference

1076 NADI SANGAM SCHOOL
YEAR 7
HEALTHY LIVING
WEEKLY HOME STUDY PACKAGE 22
SOLUTION

True and False

- i. T ii. F iii. F iv. F v. T vi. T

Question: 2

- i. a. Heart pumps blood to all parts of the body.
b. Carbon dioxide is removed in the lungs.
- ii. a. Circulatory system delivers nutrients and oxygen to all cells and takes away waste materials.
b. exercise regularly, eat healthy food/fruits/vegetables, stay hydrated, live an active life, avoid fatty foods/ alcohol and tobacco.

1076 NADI SANGAM SCHOOL
YEAR 7 -हिन्दी HINDI
WEEKLY HOME STUDY PACKAGE 22
ASSESSMENT 4 solution

नीचे लिखे वाक्यों के वचन बदल कर लिखो। एकवचन से बहुवचन या बहुवचन से एकवचन।

१. अध्यापिका ने किताब खरीदी। **अध्यापिकाएं ने किताबें खरीदीं।**
२. बच्चे रोते हैं। **बच्चा रोता है।**
३. युवक को नौकरी मिली। **युवकों को नौकरियाँ मिलीं।**
४. बूढ़े बैठे-बैठे सो गए। **बूढ़ा बैठे-बैठे सो गया।**
५. इस नदी में मत तैरना। **इन नदियों में मत तैरना।**
६. सोहन ने चार पके पपीते देखे हैं। **सोहन ने एक पका पपीता देखा है।**
७. चिड़ियाँ उड़ती हैं। **चिड़िया उड़ती है।**
८. यह रास्ता कितना लम्बा है। **ये रास्ते कितने लम्बे हैं।**
९. कलाकारों ने अच्छे गीतों को गाया। **कलाकार ने अच्छा गीत गाया।**
१०. तूफान से कई घरों को क्षति पहुँची है।
तूफान से एक घर की क्षति पहुँची है।