

1076 NADI SANGAM SCHOOL

YEAR 8

CONSOLIDATED

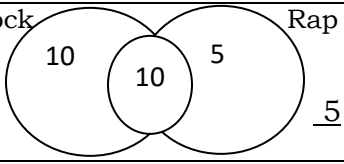
WEEKLY HOMESTUDY PACKAGE: 8

SOLUTIONS

2021

1076 NADI SANGAM SCHOOL
YEAR 8 MATHEMATICS WEEKLY HOME STUDY PACKAGE: 8 – 2021

SOLUTION

PROBLEM	WORKING	ANSWER
Question 1 What is the value of? $9 - 8 + 6 - 5 + 4 - 3 + 2 - 1$?	$(9-8) + (6-5) + (4-3) + (2-1)$ $= (1) + (1) + (1) + (1)$ $= 4$	<u>4</u>
Question 2 In a class of 30 pupils, 60% are boys. How many girls are in the class?	$100 - 60 = 40\%$ $40\% \times 30$ $\frac{40}{100} \times 30 = \frac{1200}{100} = 12$	<u>12</u>
Question 3 I buy 3 CDs at \$5.29 each and pay with a \$20 note. How much change should I get?	$\$5.29 \times 3 = \15.87 $\$20.00 - \$15.87 = \$4.13$	<u>\$4.13</u>
Question 4 What is $\frac{1}{3}$ of 45 + $\frac{1}{5}$ of 55 + $\frac{1}{13}$ of 65?	$\frac{1}{3}$ of 45 = 15 15 + 11 + 5 $\frac{1}{5}$ of 55 = 11 = <u>31</u> $\frac{1}{13}$ of 65 = 5	<u>31</u>
Question 5 In a class of 30 pupils, 20 pupils like rock music, 15 like rap music, including 10 who like both. How many do not like either rock or rap music?	Rock Rap 	<u>5</u>
Question 6 What is the value of? $1 + \frac{1}{2} + \frac{1}{4} + \frac{1}{8}$?	$1 + \frac{1}{2} + \frac{1}{4} + \frac{1}{8}$ $= 1 + \frac{1 \times 4}{2 \times 4} + \frac{1 \times 2}{4 \times 2} + \frac{1}{8}$ $= 1 + \frac{4}{8} + \frac{2}{8} + \frac{1}{8}$ $= 1 + \frac{7}{8}$ $= \frac{17}{8}$	<u>$\frac{17}{8}$</u>
Question 7 What is 20% of 20% of 350?	$\frac{20}{100} \times \frac{20}{100} \times 350$ $= \frac{400}{10000} \times 350$ $= \frac{4}{100} \times 350$ $= \frac{1400}{100}$ $= 14$	<u>14</u>
Question 8 A bus arrives in Nadi at 15:05 after a journey of 2 hours 15 minutes from Navua. At what time did the bus leave Navua?	15.05 14.05 13.05 13.00 12.55 12.50pm	<u>12:50pm</u> <u>1250 hours</u>
Question 9 3 choc boxes and 2 drinks cost \$3.40 while 2 choc boxes and 3 drinks cost \$3.10. How much will 1 choc box and 1 drink cost? THIS QUESTION IS TMC LEVEL SO DON'T WORRY IF YOU COULDN'T ANSWER. JUST TRY YOUR BEST. ITS FOR BRAINSTORMING. YOU WILL DO THIS IN SECONDARY SCHOOL.	$3x + 2y = 3.40$ $2x + 3y = 3.10$ Simultaneous Equation Therefore: change 1 equation find x value and substitute to find y value. Make: $2x + 3y = 3.10$ $x = \frac{3.10 - 3y}{2}$ Then substitute in Equation 1. I.e. $3x + 2y = 3.40$ $3(\frac{3.10 - 3y}{2}) + 2y = 3.40$ $\frac{9.30 - 9y}{2} + 2y = 3.40$	<u>Choc Box</u> <u>= \$0.80</u> <u>Drink</u> <u>= \$0.50</u>

	$\frac{9.30}{2} - \frac{9y}{2} + 2y = 3.40$ $4.65 - 4.50y + 2y = 3.40$ $4.65 - 2.50y = 3.40$ $-2.50y = 3.40 - 4.65$ $\frac{-2.50y}{-2.50} = \frac{-1.25}{-2.50}$ $y = \$0.50$ <p>Next Find value of x by substituting y value. Like this:</p> $3x + 2(0.50) = 3.40$ $3x + 1 = 3.40$ $3x = 3.40 - 1$ $3x = 2.40$ $x = \frac{2.40}{3}$ $x = \$0.80$	
Question 10 I have to run 1500 meters in 10 minutes for my gold award. I run at an average of 3m/s. By how many seconds do I succeed or fail in my quest for a gold award?	10 mins = 600secs Speed = $\frac{\text{distance}}{\text{time}} = \frac{1500}{600}$ = 2.5 m/s So: It takes you 0.33 secs to run 1meter while for gold you have to run in 0.4 secs to go 1meter. $\frac{1}{3} = 0.33$ and $\frac{1}{2.5} = 0.4$ $0.4 - 0.33 = 0.07$ secs Therefore, you will <u>succeed by 0.07 secs.</u>	<u>Succeed by 0.07 seconds</u>
Question 11 You are told that x = 2 and y = 3. What is the value of $2x^2 + 3y^2$?	$2x^2 + 3y^2 = 2(2)^2 + 3(3)^2$ $= (2 \times 4) + (3 \times 9)$ $= 8 + 27$ $= 35$	<u>35</u>
Question 12 We know that $9 \times 8 = 72$. What is the value of $7200 \div 8000$?	$\frac{7200}{8000} = \frac{72}{80} = \frac{9}{10}$	<u>$\frac{9}{10}$</u>

1076 NADI SANGAM SCHOOL

YEAR 8 – 2021

WEEKLY HOME STUDY PACKAGE: 8

ENGLISH SOLUTION

A. COLLECTIVE NOUNS

1. Cluster 2. Team 3. String 4.ream 5.bouquet

B. DEVELOPING QUESTION .

- a) What does Loata like?
- b) How did Viliame run home?
- c) Where did the fastest man in the world participate ?
- d) Why he cannot reach the top?
- e) Who tore the letter into pieces?

C.DICTIONARY, LIBRARY AND MASS MEDIA

- 1.When books are not returned on due date /books are misplaced/books damaged
- 2. It prevents or protect the inner pages of the book /Prevents from getting torn and dirt
- 3.It is colorful and bright
- 4.verb/noun/adjective/adverb/plural

C. PREPOSITIONS

- 1.Fiji played **against** NZ in the Olympic finals.
- 2. The cat jumped **over** the fence
- 3. She ran **towards** her mother when she saw the dog.
- 4. The leaves are scattered **upon** the grass.
- 5. We share the money equally **amongst** each other.

1076 NADI SANGAM SCHOOL
SOCIAL SCIENCE 2021
YEAR 8 WEEKLY HOMES TUDY PACKAGE 8

SOLUTIONS

1. – considerable influence over the choices people make , the resources they have to aid them in those choices and the factors in the workplace that could affect health statues .
2. London
3. Let there be bread
4. - Low income rates
 - Poor health facility
 - Poverty
 - High population growth rate and unemployment .
5. – high income rate
 - Clean water supply
 - Good health service
 - Low unemployment rate
 - Education level is high
 - Better standard of living
6. Characteristic of
 - Caucasoid: light skin, blonde hair
 - Mongloid: short in height, eye fold eye lids, and straight hair.
7. Function of the following organizations.
 - a) UNESCO: contributes to the building of peace and security by promoting international collaboration through education , science ,and culture in order to further universal respect for justice , the rule of law \and human rights.
 - b) UNICEF: to provide emergency food and health care to chidren and mothers in countries that have been affected by WW ll
 - c) WEO: educate people about climate change, organic farming ,renewable energy ,preserving natural habitats , enhance international cooperation .
 - d) UNDP: to work with other countries to achieve the Millennium Goals Development (MGD)

8. Functions of the following organizations
- a) WEO: Keeping the environment clean
: Preserving natural habitats
 - b) WHO: provide people with better health care.
:educate people of maintaining a good diet
9. Capital of the following countries
- a) New Zealand: Wellington
 - b) Japan: Tokyo
 - c) USA: Washington
10. Draw the logo of UNICEF



11. Objectives of UNICEF
- Provide medicines for children and HIV mothers
 - Provide educational supplies

Provide emergency food and health care to children and mothers in countries that have been affected by WWII.

1076 NADI SANGAM SCHOOL
HEALTHY LIVING 2021
YEAR 8 WEEKLY HOME STUDY PACKAGE: 8
SOLUTION

1. Gender image is the perception of individuals as either men or women based on appearance
2. Growth spurt is a time which someone has a more intense period of growth.
(rapid)
3. Personal identity is the concept you develop about yourself over the course of your life.
4. – stay hydrated, breathe fresh air, do not smoke or take drugs, regular exercise, eat balanced diet, maintain a healthy weight, see your doctor for annual checkup.
5. Puberty – the period or age at which a person is first capable of producing offspring.
6. Resilience is important because it gives people the strength needed to process and overcome hardship.
7. Diabetes – high level of glucose (sugar) in blood
8. Expiry date, no of serving, ingredients, date of manufacturing, nutrient values
9. The respiratory system is the network of organs and tissues that help you breathe. It includes your airways, lungs, and blood vessels.

Make good choices, be a positive person, build your self-confidence, set yourself some goals.

1076 NADI SANGAM SCHOOL

YEAR 8 – 2021

WEEKLY HOME STUDY PACKAGE: 8 – SOLUTION

NA VEIKA VAKA VITI

A. BULI YATUVOSA

1. Na **vakadidike** e caka vei ira na kena vuku ni sega na I wali ni mate na COVID 19.
2. E **kabita** vinaka saraga na nons I sulu vakataga na I boro loaloa.
3. Mo **sorova** na dali me rawa vei au meu vesuka na kau oqo
4. E yacovi au na **sautanini** e na kena kodrovi au vakasauri na koli levu oya .
5. Mo **bokoca** na buka e na gauna sa vakasaqa oti kina.

VOLAI I VOLA

I TUVATUVA KA

Nadi Sangam School

Kato ni Meli 52

Nadi

24 ni Me 2021

Na Qasenivuli Liu

I'saka

Vu: Vakavinavinaka

Au kidavaki kemuni e n ayalo e veidokai kei na vakarokoroko. Au e dua na gonevuli ni nomuni koronivuli kau kalasi walu tiko. Au volavola tiko yani oqo e na noqu vakavinavinakataka na soli ni cakacaka lavaki e na gaunna dredre oqo.

Au vakavinavinakataka na kena soli na vakasama me soli na cakacaka lavaki vei keimami na gonevuli. E vukea vakalevu saran a tarai cake ni neimami kilaka ka vukei keimami me kaku ani keimami vakasabusabutaaka na gauna e na veika e sega ni yaga. Sa dua dina na veivuke levu ka rau marautaka saraga vakalevu na noqu I tubutubu. Au vakabauta talega ni seg awalega vei au ka vaka talega kina o ira na noqu icaba .

Vinaka saka vakalevu na nomuni nanumi keimami na nomuni gonevuli e na gauna dredre e da lako curuma tiko oqo.

Nomuni Gone Ni Vakarorogo

V. Bai

1076 NADI SANGAM SCHOOL
YEAR 8 HINDI WEEKLY HOME STUDY PACKAGE: 8 – 2021
SOLUTION

प्रश्न

संस्कृति

- अ. दिए गए शब्दों में से सही शब्द चयनकर इन वाक्यों को पूरा कीजिए ।
दिए गए सही जवाब के बगल वाले अक्षर पर गोलाकार निशान बनाइए ।
१. का फूल लक्ष्मी माता की पूजा के लिए प्रयोग किया जाता है ।
क. गेंदा ख. कमल
ग. गुलाब घ. अड़हुल
२. होली का पर्व किस महीने में मनाया जाता है ?
क. फाल्गुन ख. आषाढ़
ग. श्रावन घ. कार्तिक
३. बच्चों का पहला गुरु कौन है ?
क. माँ ख. दोस्त
ग. आजा घ. अध्यापक
४. भारतीय संस्कृति और वैदिक धर्म के अनुसार मनुष्य वर्ष तक जी सकता है ।
क. पचास ख. अस्सी
ग. एक सौ घ. दो सौ
५. स्वस्थ शरीर के लिए क्या करना चाहिए ?
क. कम पढ़ना ख. चिन्ता करना
ग. ज्यादा खाना घ. कसरत करना
- आ . कोष्ठक में दिए गए शब्दों से रिक्त स्थानों की पूर्ति कीजिए।

हवन	गृहस्थ	भोजन	आरती	गुरु	मिठास	फूल
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१. सभी लोगों को अपनी वाणी में मिठास लानी चाहिए ।
२. गुरु हमें शिक्षा देते हैं ।
३. मनुष्य जीवन का दूसरा आश्रम, गृहस्थ आश्रम कहलाता है ।
४. खाने से पहले भोजन की प्रार्थना अवश्य करें ।
५. भारतीय संस्कार में हवन यज्ञ महत्वपूर्ण माना जाता है ।

इ. सही जवाब को चुनकर मेल कीजिए ।

भाग १		भाग २
१. कलश	ग	क. परित्याग का समय
२. शिष्टाचार	ङ	ख. नाम रखने वाला संस्कार
३. ज्ञान	घ	ग. पूजा-पाठ के लिए जरूरी
४. सन्यास	क	घ. मानव विकास के लिए आवश्यक
५. नामकरण	ख	ङ. हमारा आचरण