WEEKLY HOMESTUDY PACKAGE YEAR 7

PACKAGE 23 SOLUTION

i.   Disposal
ii.   Kitchen
iii.   Gardens
iv.   Cockroaches
v.   Diseases
vi.   Population
vii.   Rubbish

1076 NADI SANGAM SCHOOL
YEAR 7
BASIC SCIENCE
WEEKLY HOME STUDY PACKAGE 23

SOLUTION

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

1.	The sun is the main source of energy.	T
2.	Thermal energy is what we call energy that comes from wind.	F
3.	Objects cannot be made to move by twisting.	F
4.	Coal, oil and gas are sources of energy called fossil fuels.	T

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

Column 1		Column 2	
(i)	Forces at work E	(a)	causes less friction
(ii)	Astronauts D	(b)	force between two surfaces across each other
(iii)	Friction B	(c)	measurement of force per unit
(iv)	Pressure C	(d)	pressurised suits
		(e)	pushing, pulling and twisting
		(f)	the energy due to motion

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WEEKLY HOME STUDY PACKAGE 23 SOLUTION
MATHEMATICS
Year7

Work out:

1. $80 x 3 = $240

2. 4 pairs = 8 bullocks. $300 x 8 = $2400

3. 94 x 4 = 376 + 98 = 474/5 = 94.8

4. 86 x 3 = 258 + 90 + 80 = 428/5 = 85.6

5. speed = distance / time   476/4 = 119km/h

6. distance = speed x time   82 x 5.25 = 430.5km

7. $12.95/7 = $1.85/kg x 3 = $5.55

8. CP – SP = Loss $6100 - $4500 = $1600

9. 4 vertices

10. 0.3 x 0.3 = 0.09m² [area of a tile] 81/0.09 = 900 tiles

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WEEKLY HOME STUDY PACKAGE 23 SOLUTION
HINDI हिन्दी
Year7

१. खेलती   २. रहा   ३. रहते   ४. गई

५. बनाई   ६. लगे   ७. करती   ८. चौड़ा

९. पड़ा   १०. अच्छी

YEAR 7

SOCIAL STUDIES

WEEKLY HOMESTUDY PACKAGE 23 SOLUTION

<u>**SKILLS SECTION**</u>
.

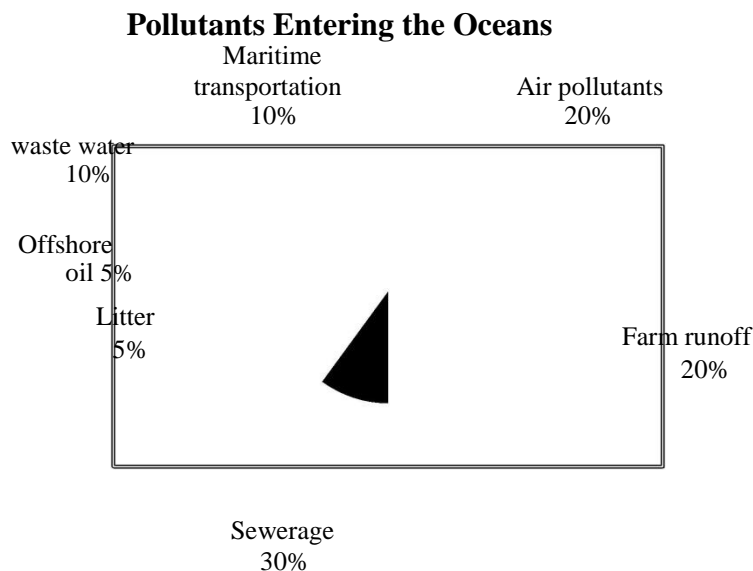**(a)**   <u>**Research   (Questions 1 – 3)**</u>   **(5 marks)**

   **During your Social Science studies, you investigated a
   problem or an issue in your class.**

   1.   Name the problem or issue which you investigated.   **(1 mark)**
            Rubbish disposal/ Climate change/ Pollution
   2.   How did you carry out your investigation? List **two** ways. **(2 marks)**
            Interview/ Questionnaire/ Internet
   3.   What were **two** difficulties that you faced while doing
            the investigation/research?   **(2 marks)**
            Time constrains/ Incomplete questionnaire/ Network issues

(b)   **Graph Study (Questions 4 – 7)**   **(7 marks)**

   Use the chart given below to help you answer **Questions 4 – 7**.

Pollutants Entering the Oceans

Maritime
transportation
10%

Air pollutants
20%

waste water
10%

Offshore
oil 5%

Litter
5%

Farm runoff
20%

Sewerage
30%

Source: *http://www.infobservador.com*

   4.   What is the highest pollutant that enters the oceans?   **(1 mark)**

Sewerage

5. What is the total percentage of pollution that is caused by
   air and litter? 25% **(2 marks)**

6. List **two** causes of sewage pollution. **(2 marks)**
   Human negligence, flooding, heavy rain

7. State **two** ways in which ocean pollutants affect marine
   environment. Extinction of marine life/Reduction in food supply **(2 marks**

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YEAR 7

ENGLISH

WEEKLY HOMESTUDY PACKAGE 23

PART I **DICTIONARY, LIBRARY AND MASS MEDIA** **(5 marks)**

A. DICTIONARY

Study the dictionary entry given below to answer **Question 1**.

athlete *n*

A person who is proficient in sports and other forms of physical exercise.

'he had the broad-shouldered build of a natural athlete'.

Source: *http://www.oed.com*

1. State what letter '**n**' stands for in the extract. Noun **(1 mark)**

B. LIBRARY

1. What name is given to the place in the library where
   the librarian issues books from to students? **(1 mark)**
   Issue Desk

2. Give an example of a Reference Book that is found in
   a library. **(1 mark)**
   Dictionary/ Atlas, Directories

C. MASS MEDIA

4

1. State **one** advantage of a Television as a form of media. Live streaming **(1 mark)**

2. Which form of mass media would be mostly useful during a cyclone?   Radio