



مدارس دارة السلام العالمية- الرياض
Daratassalam International,
Delhi Public School – Riyadh
Summer Holiday Homework (2022)
Grade: VIII



SUBJECT: MATHEMATICS

1. Find $\frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \frac{-14}{9}$

2. Find using distributive :

$$\left\{ \frac{7}{5} \times \left[\frac{-3}{12} \right] \right\} + \left\{ \frac{7}{5} \times \frac{5}{12} \right\}$$

3. Multiply $\frac{6}{13}$ by the reciprocal of $\frac{-7}{16}$

4. What number should be subtracted from $\frac{11}{12}$ to get $\frac{-3}{4}$?

5. What number should be added to $\frac{15}{16}$ so that we get the rational number $\frac{77}{48}$?

6. Divide the sum of $2\frac{1}{4}$ and $5\frac{1}{5}$ by the product of $2\frac{1}{4}$ and $\frac{2}{3}$.

7. A designer needs $\frac{3}{5}$ th of a metre of cloth to make a fancy dress for children taking part in a dance performance. If 200 children are taking part, how much cloth will the designer need?

8. Find three rational numbers between $\frac{4}{5}$ and $\frac{-3}{2}$

9. Represent these number on the number line :

a) $\frac{7}{4}$ b) $\frac{-5}{6}$ c) $\frac{4}{7}$

10. Find the value of $\left(\frac{-1}{5}\right)^3 \div \left(\frac{-1}{5}\right)^8$

11. Simplify : $\left(\frac{1}{3}\right)^{-3} - \left\{ \left(\frac{1}{2}\right)^{-3} \div \left(\frac{1}{4}\right) \right\}^{-3}$

12. Find the value $\left\{ \left(\frac{1}{3}\right)^2 \right\}^4$

13. Evaluate $(3^2 - 2^2) \times \left(\frac{2}{3}\right)^{-3}$

14. If $\left(\frac{4}{9}\right)^4 \times \left(\frac{4}{9}\right)^{-7} = \left(\frac{4}{9}\right)^{2\omega-1}$, find the value of ω .

15. If $(2^{3v-1} + 10) \div 7 = 6$, find the value of v .

16. Simplify :

$$\frac{3^5 \times 10^5 \times 25}{5^7 \times 6^5}$$

17. Express the following numbers in the standard form :

- a) 0.000564
- b) 41600000000
- c) 0.000000750

18. Express the numbers in the usual form :

- a) 3×10^{-5}
- b) 7.54×10^{-4}
- c) 8.525×10^{-7}

19. Is 2028 a perfect square? If not, find the smallest multiple of 2028 which is a perfect square. Find the square root of the new number.

20. Area of a square plot is 2304 m². Find the side of the square plot?

21. Find the least number which must be added to 1825 to make it a perfect square?

22. Find the least number which must be subtracted from 1989 so as to get a perfect square. Also, find the square root of the perfect square so obtained.

23. Find the cube root of 13824 by prime factorization.

24. Evaluate : $\sqrt[3]{64 \times 729}$

25. Find the cube root of 17576 through estimation.

NOTE: Kindly be adhere to the submission date i.e.08/09/2022.

SUBJECT:PHYSICS

1. To make a working model to demonstrate the working of Hydraulic Machines.

OR

2. To make a working model to demonstrate that 'Liquid exerts pressure'.

Also prepare a chart explaining the working.

Models with innovative ideas will be kept in Science Exhibition on Sep.8, 2022.

SUBJECT:CHEMISTRY

1. Graphite is one of the best conductors of electricity but is not used in making wires. Why?

2. Prepare index cards for any three metals and three non-metals. The card should have information like name of metal/non-metal, its physical properties, chemical properties and its uses.

SUBJECT: BIOLOGY

1. Write three ways in which bacteria are useful to us.
2. How fungi are useful for humans?
3. Give example of disease caused by the following microorganisms
 - a) Plant disease caused by fungi
 - b) Human disease caused by bacteria
 - c) Human disease caused by protozoa
4. Write ten lines on the usefulness of microorganisms in our life.
5. List the advantages of food preservation.

SUBJECT: SOCIAL SCIENCE GEOGRAPHY TOPICS

TOPIC: RAINWATER HARVESTING

Prepare a chart on Rain Water Harvesting, mentioning its importance, advantages and disadvantages and support the same with colourful images.

1. The chart should include the title of the topic, your name, class and section.
2. The chart should include all required elements as well as additional information.
3. All items of importance in the chart should have clear captions.
4. All pictures should be related to the topic and make it easier to understand
5. The chart should be exceptionally attractive in terms of design, layout, and neatness.

HISTORY TOPICS : BRITISH LORDS

PROJECT: SCRAP BOOK

Make a neat and colourful Scrap Book on British Lords who administered us. Keep the following pointers in your mind.

6. The scrapbook cover should include the title of the book, your name, class and section. It should contain minimum 10 pages.
7. The scrapbook should include all required elements as well as additional information.
8. All items of importance in the scrapbook should have clear captions/ footnote written with at least one complete sentence.
9. All pictures should be related to the topic and make it easier to understand.
10. The scrapbook should be exceptionally attractive in terms of design, layout, and neatness.
11. There should be no grammatical/mechanical mistakes in the scrapbook.

NOTE: Kindly be adhere to the submission date i.e.08/09/2022.

SUBJECT: ENGLISH

Prepare a handmade scrapbook with a creative cover and do the following assignments in it:

1. Write a short biographical sketch of any 4 Indian authors (with the picture), who have contributed to English Literature.
2. Write a self-composed poem on the theme... "EDUCATION"
3. Read one of the following novels and write a review in your own words:
Gulliver's Travels by Jonathan Swift, Robert De Maria Jr. (Editor)
The Strange Case of Dr. Jekyll and Mr. Hyde by Robert Louis Stevenson,
Prepare speech on the topic "Importance of Education in Life"
4. Imagine that you are going to visit your native/tourist place in this summer vacation 2022. Prepare a travelogue of your summer vacation 2022. Paste interesting pictures.
5. Prepare a speech on the topic "Importance of Education in Life"

SUBJECT: SECOND LANGUAGES

URDU

۱. بچوں کے لیے لکھی گئی علامہ اقبال کی کوئی نظم (نصاب کے علاوہ) لکھیے۔

۲. کم از کم پانچ مذہبی تہواروں کا ذکر کرتے ہوئے دو سو الفاظ کا مضمون لکھیے۔

HINDI

Hindi Grammar Text Book

Worksheet Number- 6 pg-17,18

Worksheet Number- 15 pg-41,42

Worksheet Number- 16 pg-43,44

Worksheet Number- 19 pg-49,50

Worksheet Number- 21 pg- 53 (Dialogue Writing Q- 2 & 3)

TAMIL

1. உனது பகுதி மக்களுக்கு ஒரு நூலகம் அமைத்து தர வேண்டி நூலக ஆணையருக்கு விண்ணப்பம் எழுதுக.

2. உழவுக்கு வந்தனம் செய்வோம்-paragraph writing

MALYALAM

ആശയം വിപുലീകരിച്ചു എഴുതുക

1. "ഐക്യമത്യം മഹാ ബലം "
2. " മനസ്സുണ്ടെങ്കിൽ മാർഗ്ഗവുമുണ്ട് "

ഉപന്യാസം തയ്യാറാക്കുക.

1. ലോകസമാധാനം
2. വ്യഭസദനങ്ങൾ

കുത്ത് തയ്യാറാക്കുക.

1. മായം ചേർത്ത ഭക്ഷണ സാധനങ്ങളുടെ വില്പന നിരോധിക്കണം എന്ന് വാഗ്ദാനം ചെയ്തുകൊണ്ട് പൗരസമിതി പ്രസിഡന്റെന്ന നിലയിൽ ആരോഗ്യ മന്ത്രിക്ക് ഒരു കുത്ത് തയ്യാറാക്കുക .
2. സ്കൂളിലെ സയൻസ് ക്ലബ്ബ് ഉത്ഘാടനം ചെയ്യുന്നതിലേക്കായി വിദ്യാഭ്യാസവകുപ്പ് മന്ത്രിയെ ക്ഷണിച്ചുകൊണ്ട് ഒരു കുത്ത് തയ്യാറാക്കുക .

ARABIC

- 1- أكتب قطعة وجيزة على عنوان (وسائل النقل القديمة والحديثة) لا تقل عن أربعين كلمة
- 2- تدريبات اختبار نفسك من صفحة رقم 274 إلى 275 كاملة .

FRENCH

I- Grammaire

a- Formez des adverbes de ces adjectifs:

- | | |
|----------------|---------------|
| Lent | heureux |
| Régulier | doux..... |
| Triste | Vrai |
| Poli | Absolu |

B- Mettez ces conjonctions dans des phrases:

-Parce que:

.....

- Et :

-Mais:

- Quand:

.....

-Puis:

- Ou:

-Donc:

C- Donnez le contraire de:

Après ≠ prêter ≠.....
Peu de ≠..... accrocher ≠

D-Complétez avec les articles défini ou indéfini.

- a. veste de Robert est veste noire.
- b. manteau de Monique est Manteau gris.
- c.cartable de Pierre apoches noires.
- d.hiver est saison de niège.

E.Conjuguiez les verbes suivants au présent.

- a. Ce soir, vous (manger) au restaurant.
- b. Tu..... (offrir) un cadeau pour ta mère.
- c. L'avion (arriver) dans dix minutes.

F.Complétez avec (connaître/savoir).

- a.Alijouer au football.
- b.Elles.....bien les jardins de Paris.
- c. Il.....le numéro de téléphone de son père.
- d. Nous.....préparer la galette.

G.Reliez les phrases suivante.

- a. Je vais chez mon ami ; nous allons jouer ensemble.
.....
- b. Voulez-vous un sandwich ; une pizza ?
.....
- c.Il va au cinéma ; il va voir un film.
.....
- d.Elles vont jouer ; elles finissent leur examen.
.....

H.Placez et accordez les adjectifs suivants.

a. C'est une voiture. (**nouveau, noir**)

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b. Voila une maison. (**autre, blanche**).

.....

c. Voila des escargots. (**petit, marron**)

.....

d. Voilà des élèves. (**grand, fort**).

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II- Civilisation:

a- Que savez-vous de :

Paris:

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L'emblème nationale:

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L'hymne nationale:

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Le Coq:

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b- combien de gare y-a-t-il en France.

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c- Donnez les moyens de transports en France.

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III- expression écrite:

a- Racontez ta journée typique. (dix lignes)

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b. Décrivez votre salle de classe en quelques lignes.

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c-Préparez votre fiche d'identité.

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