

Level 4

Holidays Homework (from 16th March to 5th April 2020)

Science

Question /Answers

Unit: 1: Habitat

Q:1 Define habitat and discuss different types of habitats with examples.

Habitat:A habitat is a place where an organism lives.It is where an organism can find food, shelter, protection and mates.

Types of habitat:

1.Rainforest: Rainforest are places with many trees and high rainfall.

Flora	Fauna
Orchid, Bromeliad, strangler fig	Jaguar, Gorilla, Poison dart frog

2.Desert: Desert is a dry place with very little rainfall.

Flora	Fauna
Acacia tree, cactus	Fennec fox, Camel

3. Arctic:It is northernmost part of the earth.It is very cold and snow covers the ground for most part of the year.

Flora	Fauna
Arctic willow	Polar bear, Harp seal,Arctic hare

4.Coral Reef: A coral reef is home to many organism which lives in water .

Flora	Fauna
Sea weed, corals	Clown fish, shark

Q:2 Define consumers. Discuss its different types?

1.Consumers: Consumer eats plants or other animals, which can be either herbivores, carnivores, or omnivores.

Herbivores are plant eaters like rabbit.

Carnovores are animal eaters like fox.

Omnivores are plant and animal eaters like hen.

Q:3 Name the human activities which are harmful to the environment and explain them.

Deforestation and **Pollution** are human activities that are harmful to the environment.

Q:4 Define the following:

i. Soil erosion: The roots of plants in a forest hold the soil together. However, once a forest is cleared, the soil can easily be washed away by rain or blown away by wind. This is called soil erosion.

2. Oil spill: Oil spill is the release of liquid petroleum into the environment due to human activity. It is a form of pollution.

3. Pollutants: Smoke, harmful gases, toxic metals, and wastes arise from human activities and dirty the air, land, and water around us. These harmful substances that dirty our surroundings are called pollutants.

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Mathematics

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- **Learn Tables: 2 to 5**

Unit # 1: Whole Numbers

Question # 1: Count on or back in hundred thousands and fill in the boxes.

_____, 715 760, 615 760, _____, 415 760

329 015, _____, _____, 629 015, 729 015

Question # 2: Color the numbers in red that gives 500 000 when rounded to the nearest hundred.

Look at the remaining numbers. Color the numbers in blue that gives 500 000 when rounded to the nearest thousand.

500 124	499 994	501 500	500 316
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Question # 3: David has \$146 000 in his bank account when rounded to the nearest thousand. Cross out (*) the amounts that David is not likely to have in his bank account.

\$146 971	\$145 862	\$145 215	\$146 408
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Question # 4: Complete the table.

Numbers	Rounded to the nearest ten	Rounded to the nearest hundred	Rounded to the nearest thousand
945 197			
471 905			

Question # 5: Find the greatest number that gives 600 000 when rounded to the nearest thousand.

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Question # 6: Look at the number pattern below, what is the missing number?

31 402, 31 409, 31 416, 31 423, _____

To find the next number, we count _____ in _____.

Question # 7: Is Zero a negative or positive number?

Answer: _____

Question # 8: Fill in the blanks.

2 hundred thousands 4 thousands 1 ten 6 ones = _____

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 $30\,000 + 9000 + 800 + 30 + 1 = \underline{\hspace{2cm}}$

Question # 9: Shade the smallest number.

91 422

10 789

91 432

627 789

219 567

Question#10: Arrange these numbers in decreasing order.

593 465, 365 489, 999 989, 462 465, 693 465

_____ , _____ , _____ , _____ , _____

Question # 11: Fill the boxes by using < or > sign.

(a): 666 592 93 987

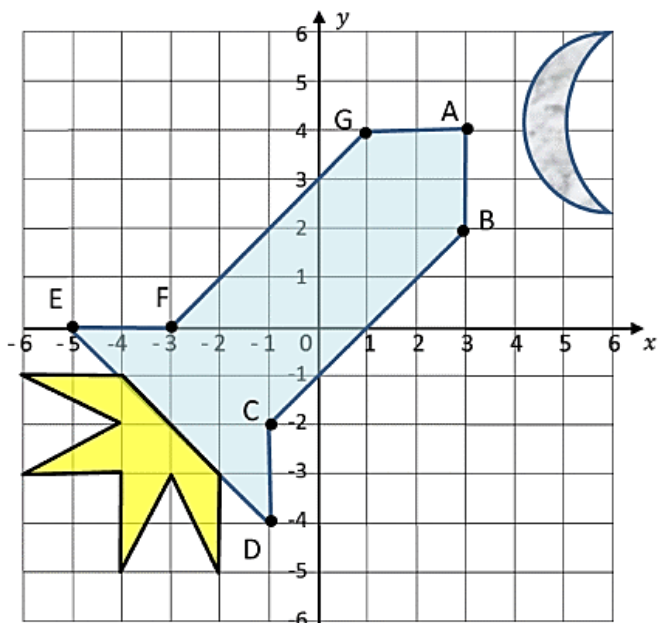
(b): 456890 678532

(c): 123 456 789 100

(d): 346123 279123

Unit#6: Coordinate Grid

Q# 2: Write down the coordinates of the rocket.



- A (__ , __)
- B (__ , __)
- C (__ , __)
- D (__ , __)
- E (__ , __)
- F (__ , __)
- G (__ , __)

English

- Learn: Unit#1,2,3 Dictation
- Learn Grammar Notes
- Reader: The Black Stones (for Reading)

Dictation

Unit # 1-Stories of the past		Unit # 2-Mars: The trip of lifetime!		Unit # 3-The power of the sea	
1. charity	2. indicates	1. persuade	2. obstacles	1.description	2.tsunami
3. insisted	4. dreadful	3. dust storm	4. furniture	3.vivid	4.crumble
5. impatient	6. affairs	5. unbeatable	6. batteries	5.strom	6.sweep
7. stared	8. destitution	7. spacesuit	8. rechargeable	7.handful	8.towering
9. drumming	10. ragged	9. cosy	10. stationary	9.tickles	10.metre
11. patter	12. realised	11.temperatures	12. incredible	11.wavelets	12.eventually
13. anxiously	14. recently	13.delicious	14.discoveries	13.sleek	14.inland
15. whiny	16.refused	15.unmissable	16.effective	15.contented	16.crashed
17.spitting	18.tragic	17.bargain	18.exploration	17.frisky	18.series
19.creeping	20. extract	19.advertisements	20.settlement	19.rapidly	20.formed
21.puzzles	22.wondered	21.necessarily	22.supplied	21.shallower	22.bobs
23.frightened	24.flames	23.convinced	24.brilliant	23.harbour	24.ghosts
25.bleak		25.memory		25.gigantic	

Grammar Notes

Sr.	Singular	Plural	Sr.	Masculine	Feminine
1.	octopus	octopi	1.	tierce	falcon
2.	syllabus	syllabi	2.	hart	roe
3.	cactus	cacti	3.	drone	queen
4.	focus	foci	4.	rooster	hen
5.	alumnus	alumni	5.	fox	vixen
6.	radius	radii	6.	wolverine	angelina
7.	fungus	fungi	7.	gander	goose
8.	stylus	styli	8.	jack	jennet
9.	terminus	termini	9.	boar	sow
10.	hippopotamus	hippopotami	10.	drake	duck

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Sr.	Words	Opposite	Sr.	Forms of Verbs		
1.	smooth	rough	1.	awake	awoke	awaken
2.	curly	straight	2.	bear	bore	born/borne
3.	hardworking	lazy	3.	become	became	become
4.	modern	traditional	4.	break	broke	broken
5.	absent	present	5.	bite	bit	bitten
6.	admit	deny	6.	bring	brought	brought
7.	captive	free	7.	buy	bought	bought
8.	despair	hope	8.	catch	caught	caught
9.	wet	dry	9.	creep	crept	crept
10.	cheap	expensive	10.	cling	clung	clung
11.	false	true	11.	do	did	done
12.	diseased	healthy	12.	drive	drove	driven
13.	foolish	wise	13.	dive	dived	dived
14.	dusk	dawn	14.	eat	ate	eaten
15.	deep	shallow	15.	fall	fell	fallen
16.	demand	supply	16.	fight	fought	fought
17.	narrow	wide				
18.	loose	tight				
19.	best	worst				
20.	build	destroy				

Urdu

اُردو ادب

- شکر تیرا خدایا
- سارے کام کون کر جاتا تھا
- قائدِ ملت
- میرا شہر
- مکالمہ
- سورج کے فائدے
- اُردو گنتی
- نوٹ: ان تمام اسباق کی پڑھائی کریں نیز مشکل الفاظ کی مشق کریں (نادیدہ املاء)
- اُردو زبان
- مضمون: صبح کی سیر
- در خواست: بیماری کی وجہ سے چھٹی کی در خواست
- کہانی: ایک کچھو اور بچھو
- واحد جمع، مذکر مونث، اور الفاظ متضاد (از تسہیل اُردو میعاد اول) یاد + مشق کریں
- بیانیہ تحریر: میں چھت سے گرا، پارک کی سیر