

Home Assignment Model Answers May 09, 2020

Class VIII

English

Q.1 Enrich your Vocabulary :

Design a Word Book / Vocabulary Journal containing 25 new words from the dictionary. Select words which you can use in this assignment .

Answer:

Suggested words are mentioned below:

accentuate	beverage	complacency	cuisine	discern
felicitate	grandiose	honed	incredulous	scrumptious
knack	luscious	mettle	nutrition	opulent
ceremonial	quench	rejuvenate	sumptuous	tradition
utopia	subsistence	ponder	infuse summit	elevated

Q2. Rituals are very important to us as they bind us to our traditions and our history. Identify a ritual that your family has been following for many years. Write about it in the form of a letter to your pen pal who lives in London. Remember to describe the ritual and the thought /belief behind it.

Answer:

25, Silver Spring.

Park Street, Kolkata.

May 1,2020

Dear Anne

Hope my letter finds you in good health and cheers you. It brings me immense pleasure to share with you the description of a very important family ritual with you. I am sure you will enjoy learning about it.

We celebrate an ancient festival called Makar Sankranti which is dedicated to the Sun God Surya. On this auspicious occasion people take a holy dip in the rivers to absolve themselves from their past sins.

Hailing from Bengal, I know this festival as Poush Sankranti. We have the ritual of using date palm syrup or Khejurgur in a variety of traditional Bengali sweets made from rice flour, coconut and milk known as Pitha. On this day we worship Goddess Lakshmi.

As a science student, I see this festival as the day when the Sun finally restores its capacity after a long winter and cleanses our bodies of infection and germs.

There is a myth related to the relationship of the Sun God and his son Shani associated with this day. A Holy Bath is also believed to be essential as it cleanses us of our sins.

However, the pleasure of paying a visit to the Gangasagar grand fair, flying kites and distributing food, clothes and food enrapture me a lot. These celebrations make India great and unique. Whenever you get time, do pay a visit to India and be a part of these rituals.

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I hope you enjoyed reading about Makar Sankranti. I will be awaiting your reply. Convey my regards to your parents.

Yours lovingly

Sayoni

Q.3. 'It is not enough to stare up the steps. We must step up the stairs.'
Imagine yourself standing in front of a staircase. Explore your thoughts and compose an inspiring poem of 4- 6 stanzas. Read it aloud to your family during dinner time.

Answer:

A STEP TOWARDS DESTINATION



Standing at the staircase, I stared at the steps,
with elevated bosom, my soul got preps.
Distant destination made me ponder;
for how would I reach there yonder?

Then came two tiny birds from nest,
to deliver my anxiety a second of rest.
The hip-hop of the innocent ones
infused energy in me with bounce.

With firm steps, I started my journey,
paying no heed to my joints and knee.
Climbing steps one after another with no pause,
for now, I knew the pave to the noble cause.

Reaching the summit electrified me with immense pleasure,
when I found those little ones with a gift of nature.
Hence, my tale of climbing stairs winds up here.
If you like it, then share hither and thither.

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Q4. You are planning to launch a confectionary outlet near your house. Design a creative MENU (of at least 10 items) for the same. Remember to give each item an attractive name and follow it with a brief description.

Keep the following in mind while designing the menu:

- * Target your audience
- * Ignite the Senses
- * Price reasonably
- * Design wisely

Think of a catchy name for your outlet.

Answer:

Menu description



प्रश्न 1. निम्नलिखित प्रसंग को पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए -

(क) जॉर्ज वॉशिंगटन के साथ रहने से किनमें और क्या परिवर्तन आया ?

उत्तर- जॉर्ज वॉशिंगटन के साथ रहने से उनके नौकर-चाकरों के स्वभाव में परिवर्तन आया और वे भी समय पर कार्य करने के आदी हो गए।

(ख) यदि आप किसी के अतिथि बनेंगे तो किन बातों का ध्यान रखेंगे ?

उत्तर - यदि हम किसी के अतिथि बनेंगे तो हम निर्धारित समय पर आतिथेय के घर पहुँचेंगे एवं उनकी यथासंभव कार्य में सहायता करेंगे।

(ग) वॉशिंगटन ने सदस्यों को क्या महत्वपूर्ण सीख दी?

उत्तर - उन्होंने यह सीख दी कि जीवन का प्रत्येक क्षण अमूल्य है, अपने कार्य समय पर करें ताकि अच्छे परिणामों की प्राप्ति हो सके।

प्रश्न 2. नीचे कुछ शब्दों के अमानक रूप दिए गए हैं। उनके मानक रूप लिखिए-

नयी, जायेंगे, चाहिये, ठण्ड, छुट्टियाँ, सुन्दर

उत्तर - मानक रूप - नई, जाएँगे, चाहिए, ठंड, छुट्टियाँ, सुंदर

प्रश्न 3. निम्नलिखित वाक्यों में रेखांकित शब्दों के कारक के भेद बताइए-

कारक के भेद

(क) माली ने फूल तोड़ा।

कर्ता कारक

(ख) यह तुम्हारी पुस्तक है।

संबंध कारक

(ग) आकाश में तारे हैं।

अधिकरण कारक

(घ) माँ ने फल खरीदे।

कर्ता कारक

प्रश्न 4. इस वर्ग पहली में नीचे दिए गए शब्दों के समानार्थी हैं, उन्हें चुनकर लिखिए -

मे	घ	ह	वा	सु
ह	पं	त	रि	म
पा	व	स	द	न
प	कु	सु	म	द
त्र	का	अ	नि	ल

(क) बादल मेघ वारिद

(ख) फूल कुसुम सुमन

(ग) वर्षा मेह पावस

(घ) वायु हवा अनिल

(ङ) पत्ता दल पत्र

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प्रश्न 5. निम्नलिखित विलोम शब्दों के उचित विकल्प को चुनकर लिखिए -

- (क) गणतंत्र × प्रजातंत्र, राजतंत्र, जनतंत्र
(ख) जीत × हार, पराजय, जय
(ग) प्रेम × नफरत, गुस्सा, घृणा
(घ) सच × झूठ, असत्य, मिथ्या

उत्तर - i) राजतंत्र ii) हार iii) घृणा iv) झूठ

प्रश्न 6. ग्रीष्मावकाश में आप अपने ननिहाल गए हुए हैं और मित्र के साथ मिलकर पढ़ नहीं पा रहे हैं। ऐसी कल्पना करके अपने -अपने पढ़ने के तरीकों पर चर्चा करते हुए आप दोनों के बीच हुई बातचीत को 50-60 शब्दों में संवाद के रूप में लिखिए।

उत्तर 6. संवाद स्वविवेकानुसार लिखा जाएगा परन्तु उनमें इंटरनेट, परिवार वालों की मदद से, विगत वर्षों के प्रश्नपत्रों के माध्यम से आदि पढ़ाई के तरीकों का उल्लेख किया जाना चाहिए।

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Mathematics

Q.1 Weight of Rahul increased from 70 kg to 84 kg. What is the percentage increase in his weight?

Solution:

Initial weight= 70 kg

Increased weight= 84 kg

Increase in weight= $84 - 70 = 14$ kg

Percentage increase in weight= $\frac{14}{70} \times 100 = 20\%$

Answer: The percentage increase in the weight is 20%

Q.2 Diya has an assignment of 40 math problems. She does 40% of the assignment in 1 hour. How long will it take for her to complete the rest of the assignment, assuming that she works at the same pace?

Solution:

Total number of problems= 40

Number of problems solved in 1 hr = 40 % of 40 = 16

Number of problems unsolved = $40 - 16 = 24$

16 Problems are solved in 1 hr

1 problem will be solved in $\frac{1}{16}$ hrs

24 problems will be solved in $\frac{1}{16} \times 24 = \frac{3}{2} = 1\frac{1}{2}$ hrs

Answer: She will take $1\frac{1}{2}$ hrs to complete the rest of the assignment.

Q.3 Find the ratio of the following:

Solution:

a) 2m: 48 cm

=200 cm: 48 cm

$\frac{200}{48}$

$\frac{25}{6}$

$\frac{25}{6}$

=25:6

Answer: 2m: 48 cm = 25:6

b) 3 days: 50 hours

=72 hrs: 50 hrs

$\frac{72}{50}$

$\frac{36}{25}$

$\frac{36}{25}$

=36: 25

Answer: 3 days: 50 hours = 36: 25

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$$\begin{aligned} \text{c) } 1 \text{ km: } 460 \text{ m} \\ = 1000 \text{ m } 460 \text{ m} \\ = \frac{1000}{460} \\ = \frac{50}{23} \\ = 50:23 \end{aligned}$$

Answer: 1 km: 460 m = 50: 23

$$\begin{aligned} \text{d) } 1 \text{ dozen :} 3 \text{ scores} \\ = 12: 60 \\ = 1 : 5 \end{aligned}$$

Answer: 1 dozen:3 scores = 1:5



Q.4 What is the percentage of the unshaded region in the figure shown below?

Solution:

Total number of squares = 100

Number of shaded squares = 36+20+4 = 60

Number of unshaded squares = 100-60 = 40

Percentage of unshaded squares = $\frac{40}{100} \times 100 \% = 40 \%$

Answer: Percentage of the unshaded region is 40 %

Q.5 The first three terms of a proportion are 22, 33 and 42. Find the fourth term.

Solution:

Let the fourth term be y

$$22: 33 :: 42 : y$$

$$22 \times y = 42 \times 33$$

$$y = \frac{(42 \times 33)}{22}$$

$$y = 63$$

Product of extreme terms = Product of middle terms

Answer: The fourth term of the proportion is 63.

Q.6 The scale of a map is 1:5000000. What is the actual distance between two towns, if they are 4 cm apart on the map?

Solution:

Let the required distance be y cm.

According to the given scale, 1: 5000000 :: 4 : y

$$\frac{1}{5000000} = \frac{4}{y}$$

$$1 \times y = 4 \times 5000000$$

$$y = 20000000 \text{ cm}$$

$$\text{or } y = 200000 \text{ m}$$

$$\text{or } y = 200 \text{ km}$$

Answer : The actual distance between the two towns is 200 km.

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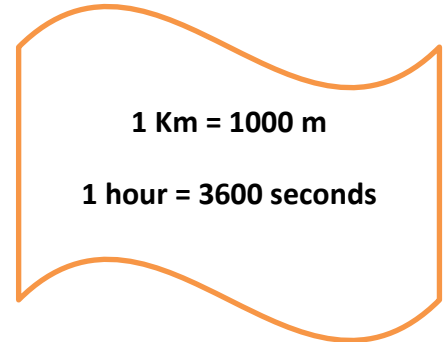
Q.7 A cheetah runs at a speed of 120 km/ hr and a man runs at a speed of 20/ hr as shown in the picture below: Convert their speeds in m/sec and find the ratio.

Solution:

$$\begin{aligned} \text{Speed of Cheetah} &= 120 \text{ km/hr} \\ &= \frac{120 \times 1000}{1 \times 3600} \text{ m/sec} \\ &= \frac{100}{3} \text{ m/sec} \end{aligned}$$

$$\begin{aligned} \text{Speed of man} &= 20 \text{ km/hr} \\ &= \frac{20 \times 1000}{1 \times 3600} \text{ m/sec} \\ &= \frac{50}{9} \text{ m/sec} \end{aligned}$$

$$\begin{aligned} \text{Speed of Cheetah} : \text{Speed of man} \\ &= \frac{100}{3} \text{ m/sec} : \frac{50}{9} \text{ m/sec} \\ &= \frac{100}{3} \div \frac{50}{9} \\ &= 6:1 \end{aligned}$$



Answer : The ratio between the speed of Cheetah and that of man is 6 : 1

Q.8 Mini has 75 soft toys. Out of these 15 were given by her grandmother. What percentage of the soft toys, did her grandmother give?

Solution:

$$\begin{aligned} \text{Total number of toys Mini has} &= 75 \\ \text{Number of toys given by her grandmother} &= 15 \\ \text{Required percentage} &= \left(\frac{15}{75} \times 100 \right) \% \\ &= 20 \% \end{aligned}$$

Answer : Her grandmother gave her 20 % of her toys.

Q.9 Divide ₹5600 between Ravi, Raj und Rohan in the ratio of 1:3:4

Solution:

$$\begin{aligned} \text{Total money to be divided} &= ₹ 5600 \\ \text{Share of Ravi} &= \frac{1}{8} \text{ of ₹ 5600} = ₹ 700 \\ \text{Share of Raj} &= \frac{3}{8} \text{ of ₹ 5600} = ₹ 2100 \\ \text{Share of Rohan} &= \frac{4}{8} \text{ of ₹ 5600} = ₹ 2800 \end{aligned}$$

Answer : Share of Ravi is ₹ 700 , share of raj is ₹ 2100 and that of Rohan is ₹ 2800.

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Q.10 Express 18 hours as a percentage of 3 days.

Solution:

$$3 \text{ days} = 3 \times 24 = 72 \text{ hours}$$

$$\begin{aligned} \text{Required percentage} &= \left(\frac{18}{72} \times 100 \right) \% \\ &= 25 \% \end{aligned}$$

Answer: 18 hours is 25 % of 3 days.

Q-11. Arrange the following ratios in ascending order:

(5:6), (8:9) , (11:18)

Solution:

$$5: 6, 8: 9, 11: 18$$

Lcm of 6, 9 and 18 is 18

New ratios 15 :18, 16 : 18 , 11 : 18

Ascending order

$$11: 18, 15: 18, 16: 18$$

Answer: 11: 18 < 5: 6 < 8 : 9

Q.12 The pieces of a Tangram have been rearranged to make the given shape.

(A Tangram is a geometrical puzzle consisting of a square cut into seven pieces which can be arranged to make various other shapes.)

By observing the given shape , in which the regions are represented by R , B and G . Find what percentage of the total has been marked :

a) R _____ b) B _____ c) G _____

Solution:

Sum of all the fractions in all 7 regions

$$\begin{aligned} &= \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{16} + \frac{1}{16} + \frac{1}{4} + \frac{1}{4} \\ &= \frac{3}{8} + \frac{2}{16} + \frac{2}{4} = 1 \end{aligned}$$

Sum of fractions of regions marked R

$$= \frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{3}{8} = 0.375$$

Percentage of regions marked R

$$= \frac{0.375}{1} \times 100 = 37.5 \%$$

Sum of fractions of regions marked B

$$= \frac{1}{4} + \frac{1}{4} = \frac{2}{4} = 0.5$$

Percentage of regions marked B

$$= \frac{0.5}{1} \times 100 = 50\%$$

Sum of fractions of regions marked G

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$$= \frac{1}{16} + \frac{1}{16} = \frac{2}{16} = 0.125$$

Percentage of regions marked G

$$= \frac{0.125}{1} \times 100 = 12.5 \%$$

(Check: $37.5\% + 50\% + 12.5\% = 100\%$)

Answer: R marked regions are 37.5% , B marked regions are 50 % and G marked regions are 12.5%

Q.13 Which of these is the greatest?

100 % of 10	10% of 100	1% of 1000
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Solution:

$$100 \% \text{ of } 10 = \frac{100}{100} \times 10 = 10$$

$$10 \% \text{ of } 100 = \frac{10}{100} \times 100 = 10$$

$$1 \% \text{ of } 1000 = \frac{1}{100} \times 1000 = 10$$

Answer: All of them are equal.

Q.14 It is now time to solve the number puzzle crossword.

Across

- Express 3:15 as a percent.
- A worker is paid ₹2850 for 15 days. What amount will he receive if he works for 8 days?
- 2% of 1 hour = _____ seconds
- What is 25% of 12000
- Price of a shirt decreased from ₹800 to ₹ 600. What is the % decrease?

Down

- Find the value of y if, $y : 2400 :: 3000 : 600$
- Cost of 12 bats if cost of 5 bats is ₹90.
- A number whose 25 % is 8.
- Out of 15000 people, 60% people voted. Find the number of people who did not vote.
- Convert $\frac{12}{16}$ into percent.
- The first three terms of a proportion are 14, 140 and 49. Find the fourth term.
- Abhijeet spends 90 % of his salary. Find his salary if his saving is ₹ 900.

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Solution: NUMBER CROSSWORD PUZZLE

ACROSS

- 1) 20
- 2) 1520
- 3) 72
- 4) 3000
- 5) 25

DOWN

- 2)12000
- 5)216
- 6)32
- 7)6000
- 8)75
- 9)490
- 10)9000

Q.15 The recipe of 11 cupcakes is give below:

- 110 grams butter
- 120 grams sugar
- 1 teaspoon/4 grams baking powder
- 2 eggs
- 1 teaspoon vanilla extract
- 110 grams self raising flour
- 2 tablespoon milk

Study the recipe and answer the following questions:

- a) How many grams of butter will be there in each cupcake?
- b) Find the ratio of quantity of butter and sugar in making 1 cupcake.
- c) How many eggs would be needed in making 22 cupcakes?
- d) What is the Percentage of baking powder amongst the dry ingredients?

After answering the above questions, prepare some cupcakes and enjoy with your family members.

Solution:

- a) For 11 cupcakes --- 110 g of butter is required
For 1 cupcake ---- $\frac{110}{11} = 10$ g of butter will be required

Answer: In each cupcake there will be 10 g of butter.

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b) Quantity of butter in 1 cupcake = 10 g

Quantity of sugar in 1 cupcake = $\frac{120}{11}$ g

Ratio

$$10 : \frac{120}{11}$$

$$10 \div \frac{120}{11}$$

$$10 \times \frac{11}{120} = 11 : 12$$

Answer: The required ratio of butter and sugar in each cupcake is 11: 12

c) For 11 cupcakes 2 eggs are required

For 1 cupcake $\frac{2}{11}$ eggs are required

For 22 cupcakes $\frac{2}{11} \times 22 = 4$ eggs

Answer: For 22 cupcakes 4 eggs will be required.

d) Dry ingredients = 120 g sugar + 4 g baking powder + 110 g flour = 234g

Percentage of baking powder

$$= \frac{4}{234} \times 100 \%$$

$$= \frac{200}{117} \%$$

$$= 1.71\%$$

Answer: Percentage of baking powder in the dry ingredients is 1.71 %

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Science

Q.1 Formula Writing Exercise A

For each box write the chemical formula of the compound formed.

	Li ⁺	Mg ²⁺	NH ₄ ⁺	Al ³⁺	Na ⁺	K ⁺	Ca ²⁺
Br ⁻	LiBr	MgBr ₂	NH ₄ Br	AlBr ₃	NaBr	KBr	CaBr ₂
SO ₄ ²⁻	Li ₂ SO ₄	MgSO ₄	(NH ₄) ₂ SO ₄	Al ₂ (SO ₄) ₃	Na ₂ SO ₄	K ₂ SO ₄	CaSO ₄
OH ⁻	LiOH	Mg(OH) ₂	NH ₄ OH	Al(OH) ₃	NaOH	KOH	Ca(OH) ₂
F ⁻	LiF	MgF ₂	NH ₄ F	AlF ₃	NaF	KF	CaF ₂
O ²⁻	Li ₂ O	MgO	(NH ₄) ₂ O	Al ₂ O ₃	Na ₂ O	K ₂ O	CaO
NO ₃ ⁻	LiNO ₃	Mg(NO ₃) ₂	NH ₄ NO ₃	Al(NO ₃) ₃	NaNO ₃	KNO ₃	Ca(NO ₃) ₂
PO ₄ ³⁻	Li ₃ PO ₄	Mg ₃ (PO ₄) ₂	(NH ₄) ₃ PO ₄	AlPO ₄	Na ₃ PO ₄	K ₃ PO ₄	Ca ₃ (PO ₄) ₂
Cl ⁻	LiCl	MgCl ₂	NH ₄ Cl	AlCl ₃	NaCl	KCl	CaCl ₂
S ²⁻	Li ₂ S	MgS	(NH ₄) ₂ S	Al ₂ S ₃	Na ₂ S	K ₂ S	CaS
I ⁻	LiI	MgI ₂	NH ₄ I	AlI ₃	NaI	KI	CaI ₂
CO ₃ ²⁻	Li ₂ CO ₃	MgCO ₃	(NH ₄) ₂ CO ₃	Al ₂ (CO ₃) ₃	Na ₂ CO ₃	K ₂ CO ₃	CaCO ₃

Q.2 Formula Writing Exercise B

Write the formula for each ion below the ion's name, then fill in the blanks with the correct **formula** and **name** of the compound formed by the combination of ions.

	Chloride ion	Hydroxide ion	Nitrate ion	Sulphate ion	Phosphate ion
Sodium ion	NaCl Sodium Chloride	NaOH Sodium Hydroxide	NaNO ₃ Sodium Nitrate	Na ₂ SO ₄ Sodium Sulphate	Na ₃ PO ₄ Sodium Phosphate
Copper (I) ion	CuCl Copper(I) Chloride	CuOH Copper(I) Hydroxide	CuNO ₃ Copper(I) Nitrate	Cu ₂ SO ₄ Copper(I) Sulphate	Cu ₃ PO ₄ Copper(I) Phosphate
Ammonium ion	NH ₄ Cl Ammonium Chloride	NH ₄ OH Ammonium Hydroxide	NH ₄ NO ₃ Ammonium Nitrate	(NH ₄) ₂ SO ₄ Ammonium Sulphate	(NH ₄) ₃ PO ₄ Ammonium Phosphate
Calcium ion	CaCl ₂ Calcium Chloride	Ca(OH) ₂ Calcium Hydroxide	Ca(NO ₃) ₂ Calcium Nitrate	CaSO ₄ Calcium Sulphate	Ca ₃ (PO ₄) ₂ Calcium Phosphate

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Iron (II) ion	FeCl ₂ Iron(II) Chloride	Fe(OH) ₂ Iron(II) Hydroxide	Fe(NO ₃) ₂ Iron(II) Nitrate	FeSO ₄ Iron(II) Sulphate	Fe ₃ (PO ₄) ₂ Iron(II) Phosphate
Iron (III) ion	FeCl ₃ Iron(III) Chloride	Fe(OH) ₃ Iron(III) Hydroxide	Fe(NO ₃) ₃ Iron(III) Nitrate	Fe ₂ (SO ₄) ₃ Iron(III) Sulphate	FePO ₄ Iron(III) Phosphate
Aluminium ion	AlCl ₃ Aluminium Chloride	Al(OH) ₃ Aluminium Hydroxide	Al(NO ₃) ₃ Aluminium Nitrate	Al ₂ (SO ₄) ₃ Aluminium Sulphate	AlPO ₄ Aluminium Phosphate

Q.3 Give a correct chemical name for each of the following compounds:

1. MgO → Magnesium oxide
2. PbI₂ → Lead(II) Iodide
3. FeS → Iron(II) Sulphide/ Ferrous Sulphide
4. ZnSO₄ → Zinc Sulphate
5. Li₂CO₃ → Lithium Carbonate
6. Ba(NO₃)₂ → Barium Nitrate
7. NH₄NO₃ → Ammonium Nitrate
8. K₂SO₃ → Potassium Sulphite
9. Ca₃(PO₄)₂ → Calcium Phosphate
10. NaHCO₃ → Sodium Bicarbonate / Sodium hydrogen Carbonate
11. CCl₄ → Carbon Tetrachloride
12. NO₂ → Nitrogen Dioxide
13. N₂O₅ → Dinitrogen Pentaoxide
14. CaO₂ → Calcium dioxide/ Calcium peroxide
15. HCl → Hydrochloric acid/ Hydrogen chloride
16. HNO₃ → Nitric acid
17. H₂SO₄ → Sulphuric acid
18. H₃PO₄ → Phosphoric acid

Social Science

Topic- Where When and How

Q.1 Read the passage and answer the following questions.

a) Name the first newspaper published in India.

Answer: The first newspaper to be printed in India is the 'Bengal Gazette' by James Hicky.

b) Name two newspapers started by Raja Ram Mohan Roy.

Answer: Sambad Kaumudi was a Bengali weekly newspaper published from Kolkata and another in Persian called the Mirat -ul- Akbar in 1822.

c) Name the Bengali weekly which reported on the exploitation of indigo farmers.

Answer: Amrita Bazar Patrika by Sisir Ghosh and Moti lal Ghosh caught the attention of people when it reported on exploited indigo farmers.

d) Name the weekly journal published by Mahatma Gandhi which is an important source on the colonial period.

Answer: Young india (1919-1931) under Gandhi was a bi- weekly publication. In 1933, gandhiji started publishing a weekly newspaper, Harijan in English.

e) Name any two nationalistic newspapers published during our freedom struggle and mention the names of the leaders associated with it.

Answer: Kesari in Marathi by Lokmanya Bal Gangadhar Tilak.
Al-Hilal in Urdu by Maulana Abul kalam Azad.

Q.2 Multiple Choice Questions (MCQs)

- a) ii) Mid – eighteenth century
- b) iii) To colonise India
- c) iii) National archives of India
- d)iii) Industrialization
- e) iv) James mill

Q.3 Comprehension

a) What made the British conduct survey routinely in India?

Answer: The British conducted surveys of the length and breath of the country in order to know the country and administer it efficiently.

b) Who is known as 'The Father of Indian Surveys'?

Answer: Major James Rennell is known as the 'Father of Indian Survey'

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- c) Explain briefly the objective of conducting the following surveys.
- i) Anthropological survey - it's a research on human and cultural aspects.
 - ii) Zoological surveys - promotes study and research on the fauna of the country.
 - iii) Archaeological surveys - is a field survey by which the archaeologists search for old historical sites to collect information about the location, distribution of past human cultural and artefacts across a large area.
 - iv) Botanical surveys - are conducted to explore the plant resources of the country.

Q.4 Match the following key terms with its appropriate meaning.

Answer:

Colonisation – exploiting an area and its resources after capturing it by force

Archive – a collection of historical records or documents.

Census – counting of population of an area generally in 10 years.

Vernacular – regional language.

Memos – a type of document used to communicate with others in the same organisation.