

REVISION PRACTICE ASSIGNMENT (RPA)-8

SUBJECT- ENGLISH

SESSION-2020-21

CLASS- X

TOPIC: The Ball Poem and Reported Speech

1. Fill in the blanks: -

(5)

- The boy after losing his ball learnt to be-----.
- The Writer of the poem is-----.
- The tense ----- change in reported speech if the sentence contains a geographical truth.
- In reported speech 'may' changes to-----.
- The rhyming scheme of the poem is-----.

2. Give one/ few words answers: -

(5)

- The interrogative sentence in reported speech ends with
- The word that is used as a conjunction to convert assertive sentence into reported speech
- The ball bounced and fell into
- The word tonight in reported speech changes to
- Inverted commas are used in reported speech (True/False)

3. Answer the given questions: -

(3x2=6)

- Why did the boy did not want a new ball?
- What was he imagining while he lost his ball?

c) Change the given direct speech into reported speech:

The police asked the thief, "Did you steal the money?"

4. Describe within 100 words the summary of "The Ball Poem".

(4)

REVISION PRACTICE ASSIGNMENT (RPA) 8

SUBJECT- Hindi

SESSION-2020-21

CLASS- X

TOPIC

उत्साह, अट नहीं रही है |

1. एक शब्द में उत्तर दीजिए

(5)

क. धाराधर किसके लिए प्रयुक्त हुआ है?

ख. यह कविता किस युग की है?

ग. निदाघ - किसका प्रतीक हो सकता है?

घ. जल का सांकेतिक अर्थ क्या हो सकता है?

ड. कवि बादल से क्या प्रार्थना करता है?

2. एक वाक्य में उत्तर दीजिए

(5)

क. अट नहीं रही है का क्या अर्थ है?

ख. सांस लेना इस स्थिति का परिचायक है?

ग .घर-घर में क्या भर जाता है?

घ .फागुन किसे उड़ने के लिए प्रेरित करता है?

ड .कवि की आंख किससे नहीं हट रही है?

3. निम्नलिखित प्रश्नों का उत्तर दीजिए

(6)

क. बादलों से फुहार रिमझिम या बरसने के स्थान पर गरजने के लिए क्यों कहा गया है? तर्क सहित उत्तर दीजिए।

ख. कभी की आंख फागुन की सुंदरता से क्यों नहीं हट रही है?

4. रचनात्मक प्रश्न

उत्साह कविता का उद्देश्य या संदेश तर्क सहित स्पष्ट करें।

(4)

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- Maths

SESSION-2020-21

CLASS-X

TOPIC: ARITHMETIC PROGRESSION

Section A

{1×5 = 5}

- If 7th and 13th terms of an AP be 34 and 64 respectively, then its 18th term is
(A) 87 (B) 88 (C) 89 (D) 90
- If the sum of n terms of an AP be $3n^2 + 5n$, then which of its term is 164?
(A) 26th (B) 27th (C) 28th (D) none of these
- the number of terms of the AP 3, 7, 11, 15,..... To be taken so that the sum is 406 is
(A) 5 (B) 10 (C) 12 (D) 14
- If $\frac{1}{x+2}$, $\frac{1}{x+3}$ and $\frac{1}{x+5}$ are in AP, then x =
(A) 5 (B) 3 (C) 1 (D) 2
- The sum of first 20 odd number is
(A) 100 (B) 210 (C) 400 (D) 420

Section B

{1×5 = 5}

- The next term of AP $\sqrt{7}, \sqrt{28}, \sqrt{63}, \dots$ is
- If $\frac{5+9+13+\dots \text{upto } n \text{ terms}}{7+9+11+\dots \text{upto } n \text{ terms}} = \frac{17}{16}$, then n =
- If the first, second and last term of an AP are a, b and 2a respectively, then its sum is.....
- If four numbers in AP are such that their sum is 50 and the greatest number is 4 times the least, then the numbers are
- If 18, a, b, -3 are in AP, then a + b =

Section C

{2×3 = 6}

- The fifth term of an A.P. is 20 and the sum of its seventh and eleventh terms is 64. Find the common difference of the A.P Solve the equation $x^2 - (2b - 1)x + (b^2 - b - 20) = 0$
- The sum of the first n terms of an AP is $5n - n^2$. Find the nth term of this AP.
- Sum of the first 14 terms of an A.P. is 1505 and its first term is 10. Find its 25th term.

Solution:

Section D

{4×1 = 4}

- The sum of the first 7 terms of an AP is 63 and the sum of its next 7 terms is 161. Find the 28th term of this AP.

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Sarvada
Sarva shreshth
HOLISTIC DEVELOPMENT

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- PHYSICS

SESSION-2020-21

CLASS-X

TOPIC: CHAPTER 13 MAGNETIC EFFECT OF ELECTRIC CURRENT (PART-2 FINAL)

Answer the following questions as instructed :- F.M : 20

SECTION_I : Objective Questions : MCQ Types

1 X 5 = 5

1. the force experienced by a current carrying conductor placed in a magnetic field is maximum when the angle between the conductor and the magnetic field is

(a) 0°

(b) 45°

(c) 60°

(d) 90°

2. An electric motor is a device which transforms

(a) mechanical energy into electrical energy

(b) electrical energy into magnetic energy

(c) electrical energy into mechanical energy

(d) magnetic energy into kinetic energy

3. The most important safety device used for protecting home appliances from short circuiting or overloading is

(a) earthing

(b) use of fuse

(c) use of stabilizers

(d) use of electric metre

4. Direction of induced current is determined by applying

(a) Fleming's left hand rule

(b) Fleming's right hand rule

(c) right hand thumb Rule

(d) clock facing rule

5. The colour of insulation cover over live wire used in household electric circuits is generally

(a) red

(b) blue

(c) black

(d) green

SECTION_II : Objective Questions : Answer on one word only 1 X 5 = 5

6. Name the rule which gives the direction of induced current.

7. Name the rule which gives the direction of the force on a current carrying conductor when placed in uniform magnetic field.

8. Name the safety device which prevents damage to the appliances and the circuits due to overloading.

9. Name the phenomenon of production of an induced current in a coil on changing magnetic field around it.

10. Name the device which converts mechanical energy into electrical energy.

SECTION _III : Short Answer Type Questions

2 X 3 = 6

11. Define Fleming's right hand rule

12. Define Fleming's left hand rule

13. (a) Write the principle of electric motor.

(b) Define electromagnetic induction.

SECTION _IV : Long Answer Type Question

1 X 4 = 4

14. By performing an Activity Prove that when a current carrying conductor is placed in uniform magnetic field it experiences force.

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-CHEMISTRY

SESSION-2020-21

CLASS- X

TOPIC: CARBON AND ITS COMPOUND

I. Multiple choice questions :

- 1. -CHO represents the functional group**
 - (a) Esters
 - (b) Carboxylic acid
 - (c) Alcohols
 - (d) Aldehydes
- 2. A functional group mainly determines the**
 - (a) Physical properties
 - (b) Chemical properties
 - (c) Both (a) and (b)
 - (d) None of these
- 3. The number of covalent bonds in C_4H_{10} is**
 - (a) 10
 - (b) 8
 - (c) 13
 - (d) 12
- 4. The difference in the formula and molecular masses of CH_3OH and C_2H_5OH is**
 - (a) CH_3 and 16 u
 - (b) CH_2 and 14 u
 - (c) CH_4 and 18 u
 - (d) CH_3 and 16 u
- 5. Which of the following contains covalent bond?**
 - (a) $MgCl_2$
 - (b) CaF_2
 - (c) Al_2O_3
 - (d) HCl

II. Fill in the blanks :-

1. 100% pure ethyl alcohol is called _____.
2. Carboxylic acid containing one carbon atom is called _____.
3. Methane reacts with 1 mole of chlorine in presence of sunlight to give Chloromethane the reaction is called _____ reaction .
4. The number of isomers of C_6H_{14} are _____.
5. The general formula of saturated hydrocarbon is _____.

III. (a) Write the electron dot structure of ethane molecule(C_2H_6).

(b) What are organic compounds?

(c) What is vital force Theory ?

IV. What is an oxidising agent ? What happens when oxidising agent is added to propanol? Explain with the help of a chemical equation.



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- BIOLOGY

SESSION-2020-21

CLASS- X

TOPIC: OUR ENVIRONMENT

I. Multiple choice questions

1×5= 5 marks

1. Which of the following is a biodegradable substance?
 - I. Glass
 - II. Plants
 - III. Plastics
 - IV. Polythene
2. Which of the following is a non-biodegradable substance?
 - I. Virgin plastic
 - II. Plastic
 - III. Plants
 - IV. Plant producers
3. The constituents which do not form eco-system are
 - I. Biotic constituents
 - II. Plastic bags
 - III. Abiotic constituents
 - IV. All of these
4. The functional unit of environment is
 - I. Ecosystem
 - II. Nitrogen
 - III. Carbon
 - IV. Oxygen
5. Which of the following is an example of producers?
 - I. Plastic pens
 - II. Plastic cans
 - III. Polythene
 - IV. Green plants

II. Answer in one word or in one sentence.

1×5= 5 marks

1. Give an example of artificial ecosystem.
2. Write the formula of ozone.
3. Select two non-biodegradable substances from the following wastes generated in a kitchen: spoilt food, paper bags, milk bags, vegetable peels, tin cans, used tea



leaves.

4. Name two decomposers operating in our ecosystem.

5. Write the full form of UNEP.

III. Answer in 2-3 sentences.

2×3= 6 marks

1. In the given foodchain if the amount of energy at the fourth trophic level is 4 kJ, what will be the energy available at the producer level?

Grass → Grasshopper → Frog → Snake

2. Why is plastic called non-biodegradable?

3. Why did United Nations act to control the production of chlorofluorocarbons (CFCs) used in refrigerators?

IV. Answer in detail.

4×1= 4 marks

1. Explain the phenomenon of “biological magnification” How does it affect organisms belonging to different trophic levels particularly the tertiary consumers?



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REVISION PRACTICE ASSIGNMENT (RPA)

Social Science

SESSION-2020-21

CLASS-X

TOPIC: Nationalism in India

OBJECTIVE TYPE QUESTIONS:- (1*5)

1. _____ was a process by which colonial state forced people to join the army.
2. _____ was a labour that villagers were forced to contribute without any payment.
3. Simon commission arrived in India in_____.
4. The 1929 session of Congress was held in Lahore under the presidentship of BR Ambedkar. (T/F)
5. Civil disobedience movement started by the chauri chaura incident. (T/F)

VERY SHORT ANSWER TYPE QUESTIONS:- (1*5)

1. When was the pact with lord Irwin signed?
2. What was main clause of Gandhi Irwin pact?
3. Who organised the dalits into the depressed class association in 1930?
4. Who wrote vande Mataram?
5. Who designed the Swaraj flag?

SHORT ANSWER TYPE QUESTIONS:- (2*3)

1. How did non cooperation spread in cities?
2. Write a short note on participation of tribal peasants in the Gudem Hills of Andhra Pradesh in the non cooperation movement.
3. Simon commission was greeted with slogan "Go back Simon" at arrival in India. Why?

LONG ANSWER TYPE QUESTIONS:- (4)

1. Why did the different social groups join the civil disobedience movement?

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-COMPUTER APPLICATION

SESSION-2020-21

CLASS-X

TOPIC: Ch-6 COMPUTER NETWORKING

1. Multiple Choice Question:-

1x5=5

- i) A _____ is the name of the HTML element to which a style is applied.
a) Tag b) Element c) Selector d) None of these
- ii) Which tag is used to create an embedded or internal style sheet?
a) Color> b) <Style c) <Type> d) <PRE>
- iii) Which property is generally applied to blocks of text(h1,p,th,td,etc.) and is used to align the text of a document.
a) Text-align:value b) Letter-align:value c) Background-align:value d) None of these
- iv) The full form of CSS is _____ .
a) Cascading Spread Sheet b) Control Spread Sheet c) Cascading Style Sheet
d) None of these
- v) Which of the following characters are used to add comments in CSS?
a) # b) <!-- c) // d) None of these

2. Fill in the blanks: -

1x5=5

- a) A ____ size sets the font size relative to surrounding elements.
b) CSS can store web applications locally with the help of an _____.
c) You cannot define _____ and _____ in CSS.
d) The ____ property sets the text font in two variants: normal or small-caps.
e) The file which contains the style code is saved with the extension _____.

3. Answer the following question:-

2x3=6

1. What are static web pages?
2. What are the different components of DHTML?
3. How can we set the margins for an element?

4. Long answer question:-

4x1=4

- i) Differentiate between External style sheets and internal style sheets.