

SEVENTH REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-ENGLISH

SESSION-2020-21

CLASS- IX

TOPIC:- The Happy Prince, Rain on the Roof (poem) and The lake isle of Innisfree (poem)

Answer these questions:-. (5 marks)

1. Who is a seamstress?
2. Describe her pitiful situation.
3. How many Precious stones were there in the prince's statue?
4. Where did swallow's friends flew to?
5. From which metal was the prince's heart in statue made up of?

One word Answer:-. (5 marks)

Mention any 3 literary devices from the poem **The Rain on the Roof.**

State the poets name of the following poems:

- The Rain on the Roof
- The Lake isle of Innisfree.

Extracts: -. (6 marks)

What kind of place is Innisfree? Think about:

1. the three things the poet wants to do when he goes back there (stanza I);
2. what he hears and sees there and its effect on him (stanza II);
3. what he hears in his "heart's core" even when he is far away from Innisfree (stanza III).

Explain these phrases:- (Rain on the Roof)

4. *starry spheres*
5. *What a bliss*
6. *... a thousand dreamy fancies' Into busy starting,*

Long answer question:- (4 marks)

1. By now you may have concluded that Innisfree is a simple, natural place, full of beauty and peace. How does the poet contrast it with where he now stands?

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-हिन्दी

SESSION-2020-21

CLASS- IX

TOPIC: समास

प्रश्न 1- दिए गए शब्दों के समास विग्रह करें।

(1×5=5)

- रसोईघर
- कमलनयन
- पीतांबर
- दशानन
- राजकुमार

प्रश्न 2-दिए गए समास विग्रह से समस्त पद बनाएं।

(1×5=5)

- महान है जो देव
- मरण तक
- दिन ही दिन में
- माता और पिता
- गज के समान आनन है जिसका अर्थात गणेश।

प्रश्न 3- दिए गए समास विग्रह का समस्त पद बनाकर उसके भेद का नाम लिखें। (2×3=6)

- पीत है जो अंबर
- दो पहरोँ का समाहार
- रण के लिए क्षेत्र

प्रश्न 4- समास की परिभाषा उदाहरण सहित लिखें तथा समास के भेदों के नाम एवं सभी भेदों के दो दो उदाहरण लिखें।(4×1=4)

**REVISION PRACTICE ASSIGNMENT (RPA)****SUBJECT- MATHEMATICS****SESSION-2020-21****CLASS- IX****TOPIC: QUADRILATERALS****SECTION: A**

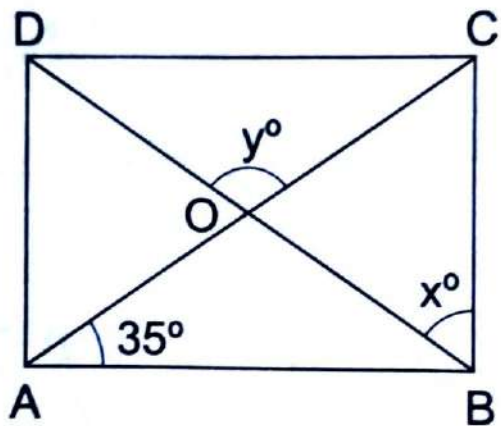
- Three angles of a quadrilateral are 80° , 95° and 112° . Its fourth angle is
(A) 78° (B) 73° (C) 85° (D) 100°
- The angles of a quadrilateral are in the ratio 3:4:5:6. The smallest of these angles is
(A) 45° (B) 60° (C) 36° (D) 48°
- ABCD is a rhombus such that $\angle ACB = 50^{\circ}$. Then, $\angle ADB = ?$
(A) 40° (B) 25° (C) 65° (D) 130°
- In which of the following figures are the diagonals equal?
(A) Parallelogram (B) Rhombus
(C) Trapezium (D) Rectangle
- If the diagonals of a quadrilateral bisect each other at right angles then the figure is a
(A) Trapezium (B) Parallelogram (C) Rectangle (D) Rhombus

SECTION: B

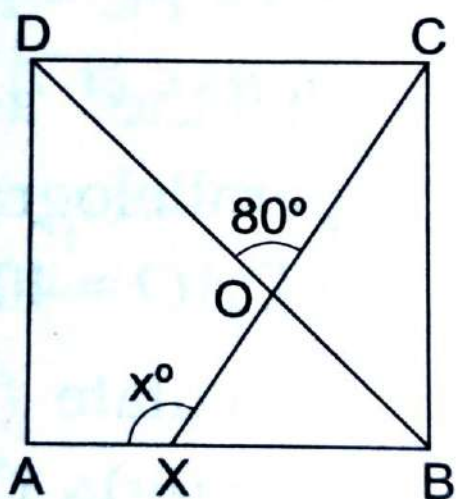
- If an angle of a parallelogram is two thirds of its adjacent angle, find the smallest angle of the parallelogram.
- If one angle of a parallelogram is 24° less than twice the smallest angle then, find the largest angle of the parallelogram.
- Find the angle where bisectors of any two adjacent angles of a parallelogram intersect.
- Name the figure formed by joining the midpoints of the adjacent sides of a parallelogram.
- The lengths of the diagonals of a rhombus are 16 cm and 12 cm. Find the length of each side of the rhombus.

SECTION: C

- In a rhombus ABCD show that diagonal AC bisects $\angle A$ as well as $\angle C$.
- The figure given below, ABCD is a rectangle. Find the values of x and y .

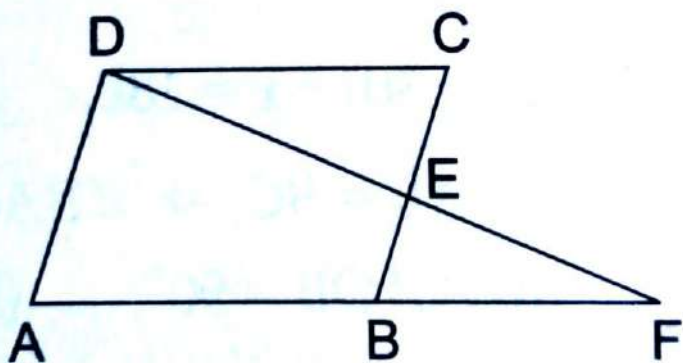


13. Calculate the value of x in the given figure.



SECTION: D

14. In the adjoining figure, ABCD is a parallelogram and E is the midpoint of side BC. If DE and AB when produced meet at F, prove that $AF = 2AB$.



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- PHYSICS

SESSION-2020-21

CLASS- IX

TOPIC: WORK AND ENERGY

Short Answer Based questions

1. What is unit of energy?
2. The total energy when a body falls freely towards earth remains constant. True or false?
3. What do you mean by kinetic energy of the body?
4. If the mass of the body is doubled and velocity is made halved, the kinetic energy will become?
5. Potential energy is a vector quantity True or false?
6. When the force acts at right angle to the direction of motion, what is the work done by the force
7. What is Power?
8. What is Law of conservation of energy?

Match the column

Column A	Column B
(Energy Conversion)	(Converters)
Chemical energy into Mechanical energy	Electric Generator
Heat energy into Mechanical engine	Electric Motor
Mechanical energy into Electrical energy	Car engine
Electrical energy to Mechanical energy	Steam engine
Light energy into electrical energy	Electric bulb
Electrical energy into light energy	Solar Cell

Fill in the blanks

1. 1 Kilo Watt hour of energy is equal to _____ Joule
2. Power is the rate of doing _____. And its unit is _____
3. Work done by the force can be _____ and _____.
4. The water stored in the reservoir of the tank possessed _____ energy
5. The total energy of the swinging pendulum remains _____ at all the points
6. When the body falls freely towards earth ,potential energy of the body _____ while kinetic energy of the body _____. The total remains _____ at all the point during the motion

Short Answer type question

Question 1.

An electric bulb of 100 W is used for 8 h per day. Calculate the 'units' of energy consumed in one day by the bulb?

Question 2.

Find the energy possessed by an object of mass 10 kg when it is at a height of 2 m above the ground. Given, $g = 10 \text{ m/s}^2$.

Question 3.

An engineer is asked to design a playground slide such that the speed a child reaches at the bottom does not exceed 4.0 m/s. Determine the maximum height that the slide can be.?Given, $g = 9.8 \text{ m/s}^2$.

Question 4.

A rocket is moving up with a velocity v . If the velocity of this rocket is suddenly tripled, what will be the ratio of two kinetic energies?

Question 5.

A force of 10 N displaces a body by a distance of 3 m at an angle 60° to its own direction. Find the amount of work done.

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-CHEMISTRY

SESSION-2020-21

CLASS- IX

TOPIC: ATOMS AND MOLECULES

I. Multiple choice questions :

- The number of atoms present in 0.5 mol of nitrogen atoms is same as in
 - 12g of C
 - 24g of Mg
 - 8g of O
 - 32g of S
- The mass of sodium in 5.85 g of NaCl is
 - 2.3 g
 - 3.5 g
 - 5.8 g
 - 0.23g
- 18 g of water is electrolysed. The weight of oxygen formed will be
 - 16 g
 - 8 g
 - 4 g
 - 2 g
- Molecular weight of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ is equal to
 - 249.5 u
 - 159.5 u
 - 159.5×90 u
 - $159.5 + 10 + 16$ u
- Which of the following has maximum number of atoms ?
 - 18 g of H_2O
 - 18 g of O_2
 - 18 g of CO_2
 - 18 g of CH_4

- II. Write the chemical formula of the following :**
- 1. Ammonium phosphate**
 - 2. Silver nitrate**
 - 3. Zinc Sulphate**
 - 4. Ferrous Phosphate**
 - 5. Cupric Oxide**
- III. Find the valency and valence electrons of the following :**
- 1. Nitrogen**
 - 2. Aluminium**
 - 3. Potassium**
- IV. Calculate the number of atoms in 120g of calcium and 120g of iron. Which one has more number of atoms and how much is the difference ?**
[Given atomic mass of Calcium =40 u, Iron =56 u]



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- BIOLOGY

SESSION-2020-21

CLASS- IX

TOPIC: Chapter 14- Natural Resources

A. Choose the most appropriate answers-

1×5=5 marks

1. What would happen, if all the oxygen present in the environment is converted to ozone?

- (a) We will be protected more
- (b) It will become poisonous and kill all living forms
- (c) Ozone is not stable, hence it will be toxic
- (d) It will allow harmful sun radiations to reach earth and damage many life forms

2. When we breathe in air, nitrogen also goes inside along with oxygen. What is the fate of nitrogen?

- (a) It moves along with oxygen into the cells
- (b) It comes out with the carbon dioxide during exhalation
- (c) It is absorbed only by the nasal cells
- (d) Nitrogen concentration is already more in the cells, so it is not at all absorbed

Q3. There is always a cycle of CO₂ running in the atmosphere due to which the concentration of CO₂ remains constant in the atmosphere. Choose the correct sequence of this cycle:

- (a) CO₂ in atmosphere → decomposers → organic carbon in animals → inorganic carbon in soil
- (b) CO₂ in atmosphere → organic carbon in plants → organic carbon in animals → inorganic carbon in soil
- (c) Inorganic carbonates in water → organic carbon in plants → organic carbon in animals → scavengers.

(d) Organic carbon in animals → decomposers → CO₂ in atmosphere → organic carbon in plants

Q4. You must have observed that during the winters sometimes it becomes quite difficult to see even the objects short distance apart. This low visibility during the cold weather is due to:

- (a) Formation of fossil fuels
- (b) Unburnt carbon particles of hydrocarbons suspended in air
- (c) Lack of adequate power supply
- (d) None of these

Q5. The 'water pollution' can be defined in several ways. Which of the following statements does not give the correct definition?

- (a) The addition of the undesirable substances to water bodies
- (b) The removal of the desirable substances from water bodies
- (c) A change in pressure of the water bodies
- (d) A change in temperature of the water bodies

B. Very short answer type questions.

1×5=5marks

1. What is atmosphere?
2. Define Soil Erosion.
3. Define biogeochemical cycle.
4. What is global warming?
5. What is air pollution?

C. Short answer type questions

2×3=6 marks

1. What would be effect of ozone depletion?
2. Describe importance of water for the living organisms.
3. Write down some methods of prevention of soil erosion.

D.Long answer type question

4×1=4 marks

1. Describe Nitrogen Cycle with diagram.



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- Social Science

SESSION-2020-21

CLASS- IX

TOPIC- People as Resource

OBJECTIVE TYPE QUESTIONS:- (1*5)

- A. When there is investment made in the form of education, training and medical care the population becomes_____.
- B. Activities like agriculture, forestry, fishing are part of_____.
- C. Activities like banking, education, health, tourism are part of_____.
- D. The activities that result in the production of goods and services and add value to the national income are called_____.
- E. The workforce population of India includes people from_____ years to _____ years.

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

- A. Define unemployment.
- B. What is infant mortality rate?
- C. What is birth rate?
- D. What is death rate?
- E. What is disguised unemployment?

SHORT ANSWER TYPE QUESTIONS:- (2*3)

- A. Differentiate between market and non market activities.
- B. What are the disadvantages of unemployment?
- C. Describe any three features of Sarva Shiksha abhiyan.

LONG ANSWER TYPE QUESTIONS:- (4)

- A. Write a note on National Health Policy of India.

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-COMPUTER APPLICATION

SESSION-2020-21

CLASS-IX

TOPIC: Ch-9 Microsoft Word 2010-II

1. Multiple Choice Question:-

1x5=5

i) The general arrangement and appearance of text in a document is known as _____.

a)Editing b)Formatting c)Appearing d)Mailing

ii) You can change the color of the text by using the _____ option.

a) Font b) Font effects c)Font color d)Position

iii) How many types of text formatting do we have in Microsoft Word?

a)One b) Two c) Three d) Four

iv) Which option in Microsoft Word places selected text below the baseline?

a)Superscript b)Subscript c) Script d) Downscript

v) What do you call the distance between the written text and the edge of a paper?

a)Margin b) Ruler Line c) Alignment d) Indent Stop

2. True\False:-

1x5=5

a) There are four categories of Text alignment.

b) The distance from the written text to the edge of the paper is called Margin.

c) Superscripts and Subscripts are different forms of Text margins.

d) The Tab Selector is present above the Vertical ruler

e) The page tab is used to edit the page settings.

3. Answer the following question:-

2x3=6

1. What are header and Footer in MS Word?

2. How will you change the line spacing of a paragraph?

3. What do you mean by Formatting?

4. Long answer question:-

4x1=4

i) Define Indentation. How will you set-up Left and Right Indent in a Paragraph?