CLASS VII   SESSION 2021-2022

REVISION WORKSHEET (ALL SUBJECTS)

❖ **ATTEMPT ALL THE WORKSHEETS IN YOUR RESPECTIVE NOTEBOOKS.**

ENGLISH

WORKSHEET NO 1.

Do the assignments in English notebook only.

Q.1.Read the passage given below and answer the question that follow.

1. The novel corona virus has given rise to a global pandemic that has destabilized most institutional settings. While we live in times when humankind possesses the most advanced science and technology, a virus invisible to the naked eye has massively disrupted our lives, economies, healthcare, and education systems worldwide.

2. This tough period gave people some time to reflect on the importance of keeping themselves fit. Those who never exercised before, giving excuses of busy lives, too developed some new habits of Yoga, Pranayam and exercises during the lockdown period. These new habits and people's increased focus on their health, wellness and immunity will surely change the way we lead our lives even in future.

3. The nature too healed itself during the lockdown period. Restricted human movement led to better air quality, cleaner water bodies and joyful wildlife movements. This situation also affected the education sector to a great extent. It has forced us to shift from offline to online mode of teaching-learning process, almost immediately without prior preparation.

4. It is our responsibility that we take all necessary precautions through mask-wearing, physical distancing, hand hygiene as part of daily life. It is highly important to make these new behaviour part of our everyday habits. Travelling to new places, casual café visits with a large bunch of friends, spending our weekends in shopping, window-shopping and casual strolls, large gatherings in birthday parties and other celebrations; will require some modifications and patience to fit into "New Normal" keeping all the safety norms in mind. We are sure that willingness to adopt infection prevention practices can be a stepping stone to a "new future".

On the basis of your understanding of the passage, answer the following questions.

I. The outbreak of COVID-19 is called a pandemic because-

 (a) it has spread across the globe.

 (b) it has spread across India

 (c) it is invisible to naked eye

(d) it has disrupted many institutional settings

II. Choose the option that is NOT TRUE: People, who never exercised before, started exercising during the lockdown period because-

 (a) they had sufficient time in hand

(b) exercise was the only way to treat people from the novel corona virus.

(c) people learnt new ways to exercise their body.

(d) people understood the importance of health and wellness in the face of the pandemic

III. A positive change was seen in nature during lockdown period in terms of cleaner air and water bodies because _____

(a) there was less human movement due to lockdown

 (b) the virus helped in cleaning air and water

(c) the government made extra efforts to clean air and water

(d) People got together to clean water bodies.

 IV. How did schools continued educating students during the pandemic?

 (a) Through offline mode of teaching

(b) Through online mode of teaching

(c) By calling students to school on weekly basis

 (d) Students were asked to study at home themselves.

V. Which of the following is NOT TRUE in the context of COVID Appropriate Behaviour?

(a) Wearing Mask

(b) Being in crowded places

(c) Washing hands

(d) Maintaining physical distancing

 VI. The phrase "stepping stone" refers to:

(a) Stones and pebbles lying on the road
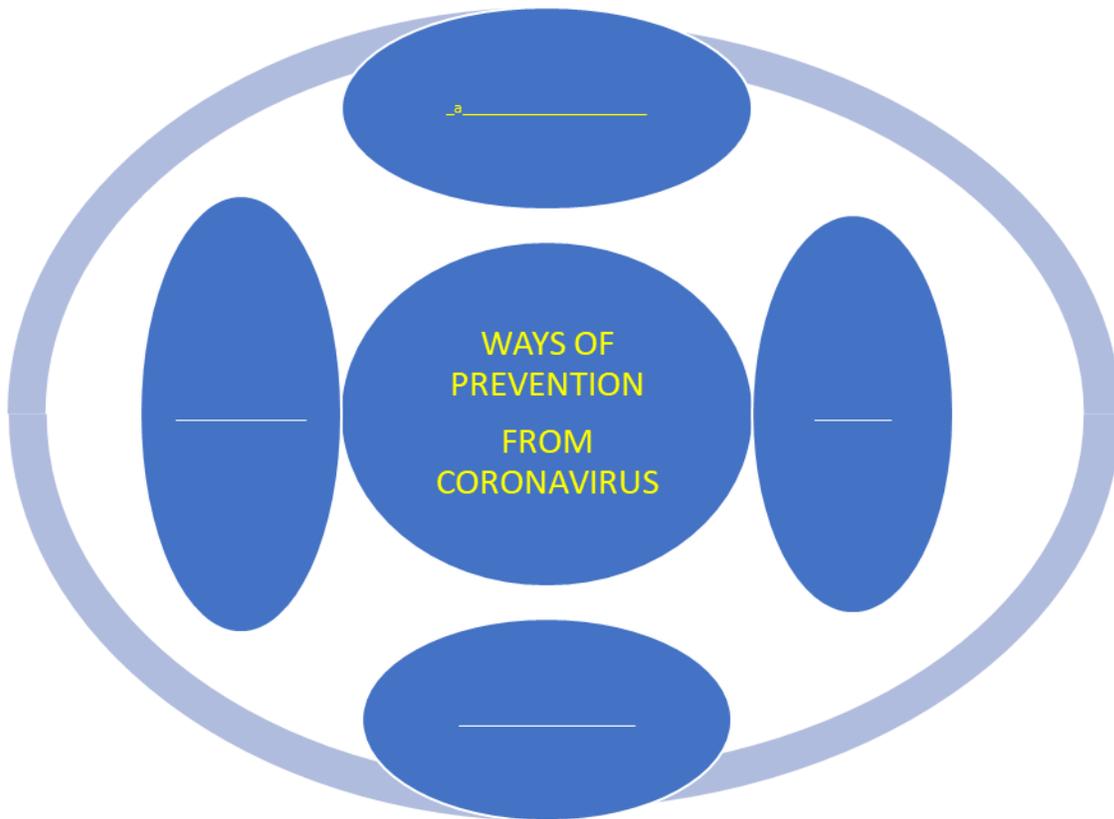
(b) Something used as a way to progress

(c) The destination of our journey

 (d) Blocks and problems in your path

VII. "New Normal" would include:

(a) Frequent visits to small eateries with a large bunch of friends

(b) attending large gathering in small auditoriums

(c) Making mask-wearing, physical distancing, hand hygiene as part of daily routine with great responsibility.

(d) casual visits to market for window shopping

Q.2. Complete the following web chart.

Q.3. Complete the following table.

S.NO	PRONOUNS (PARA 1)	ADJECTIVES (PARA 2)	VERBS (PARA 3)	PREPOSITION (PARA 4)

1	we	new	healed	of
2				
3				
4				
5				
6				

WORSHEET NO 2

Do the assignments in English notebook only.

Q.1. Read the following extracts and answer the questions that follow:

"It's true that some of the guests were not seen for several days after the wedding but no one said anything against the cake. Most of the people thought it had an interesting flavour."

a). Whose wedding is mentioned here?

Ans:_____.

b). Why did the cake have an interesting flavour?

Ans:_____.

 c). Why did no one say anything against the cake?

Ans:_____.

Q2. Answer the following questions:

    a)   Describe briefly how Tutu was bought and brought to the house?

_____

_____

    b)   What did Tutu do with the necklace? How was it restored to the shopkeeper?

_____

_____

c) Before grandmother bought Tutu, she was kept tied up all the time. Do you think it is alright to chain animals? Give reasons for your answer.

_____

_____

Q.3.Choose the correct option for the following questions:

I. The little monkey looked so miserable to the grandfather as

a. It was not looking happy   b. It was chained

 c. It was not healthy   d. None of the above

 II. Grandmother believed that the girls are more _____ than boys

a. mischievous   b. intelligent

c. naughty   d. Sensible

III. Aunt Ruby got frightened by Tutu's _____

a. smile   b. eyebrows

c. eyes   d. Tail

IV. Rocky made a place in the narrator's heart by _____

a. Offering cashew nuts   b. Bringing chocolates for him

c. Teaching him marching songs   d. All of the above

V. Aunt Ruby did not want the narrator to accompany them as

a. He was naughty   b. He would bring Tutu along.
c. She was not fond of him   d. He was ill

Q.4. Write the meanings of the following words and make sentences in your own words.

   a) plunged   b) deftly   c) mischievous d) squeal   e) adorn

HINDI

अभ्यास कार्य पत्रिका 1

प्रश्न (1) भाषा किसे कहते हैं? इसके कितने भेद होते हैं?

प्रश्न (2) संज्ञा की परिभाषा लिखते हुए उसके भेदों के नाम भी लिखे।

प्रश्न (3) सही वाक्य के सामने (✔)का और गलत के सामने (✖) का चिन्ह लगाइए -

   (क) भाषा के शुद्ध रूप का ज्ञान कराने वाले शास्त्र को व्याकरण कहते हैं। ( )

   (ख) स्वरों के उच्चारण समय हवा रुकावट के साथ बाहर आती है।   ( )

   (ग) ' गुलाम ' शब्द भाववाचक संज्ञा है। ( )

   (घ) रीमा, पूजा, केरल - तीनों शब्द व्यक्तिवाचक संज्ञा शब्द है। ( )

प्रश्न (4) निर्देशानुसार दो - दो शब्दों का निर्माण करें -

   (क) अनुस्वार -

    (ख) अनुनासिक -

    (ग) विसर्ग -

प्रश्न (5) वाक्य में आए हुए संज्ञा शब्दों पर घेरा लगाइए -

   (क) राम कल बैंगलोर जाएगा।

   (ख) हाथी की सूंड लंबी होती है।

(ग) मेरे पास एक पुस्तक है।

(घ) हमें क्रोध नहीं करना चाहिए।

नोट 👉 दिया गया सारा कार्य अपनी हिन्दी की कॉपी में ही लिखे ।

HINDI कार्य पत्रिका 2

प्रश्न 1: दी गई तालिका को अपनी हिन्दी की पुस्तिका में लिखें व याद करें-

अंग्रेजी में अंक	हिन्दी में अंक	शब्दों में अंक	अंग्रेजी में अंक	हिन्दी में अंक	शब्दों में अंक
1	१	एक	26	२६	छब्बीस
2	२	दो	27	२७	सताइस
3	३	तीन	28	२८	अट्ठाइस
4	४	चार	29	२९	उनतीस
5	५	पांच	30	३०	तीस
6	६	छह	31	३१	इकतीस
7	७	सात	32	३२	बतीस
8	८	आठ	33	३३	तैंतीस
9	९	नौ	34	३४	चौंतीस
10	१०	दस	35	३५	पैंतीस
11	११	ग्यारह	36	३६	छतीस
12	१२	बारह	37	३७	सैंतीस
13	१३	तेरह	38	३८	अड़तीस
14	१४	चौदह	39	३९	उनतालीस

15	१५	पंद्रह	40	४०	चालीस
16	१६	सोलह	41	४१	इकतालीस
17	१७	सत्रह	42	४२	बयालीस
18	१८	अठारह	43	४३	तैतालीस
19	१९	उन्नीस	44	४४	चवालीस
20	२०	बीस	45	४५	पैंतालीस
21	२१	इकीस	46	४६	छयालिस
22	२२	बाईस	47	४७	सैंतालीस
23	२३	तेइस	48	४८	अड़तालीस
24	२४	चौबीस	49	४९	उनचास
25	२५	पच्चीस	50	५०	पचास

प्रश्न 2: भारत में मनाए जाने वाले किन्हीं पाँच त्योहारों के नाम व उनके मनाए जाने वाले महीनों के नाम लिखिए

क्र. स.	त्योहार का नाम	महीने का नाम

प्रश्न (3) रिक्त स्थान भरिए —

क) सयाल के पिता का नाम _____ था।

ख) कुछ फलाँग की दूरी पार करने के बाद निर्मला _____ की ओर मुड़ गई।

ग) निर्मला ने भी अपनी पीड़ा को सहने के लिए_____ बटोरा।

घ) एक क्षण के लिए सयाल बिल्कुल _____ हो गई।

ङ) निर्मला ने सयाल से कहा कि अगर वह ना होती तो साँप उसे _____ डालता।

प्रश्न (4) दिए गए शब्दों के समान अर्थ लिखें —

(क) राक्षस —   (ख) साहस —

(ग) अश्रु —   (ग) विचित्र —

WORKSHEET NO 1 उपर्युक्त शब्दरूपों को उत्तर पुस्तिका में लिखें|

महत्त्वपूर्ण शब्दरूप

बालक के शब्दरूप

विभक्ति	एकवचन	द्विवचन	बहुवचन
प्रथमा	बालकः	बालकौ	बालकाः
द्वितीया	बालकम्	बालकौ	बालकान्
तृतीया	बालकेन	बालकाभ्याम्	बालकैः
चर्तुथी	बालकाय	बालकाभ्याम्	बालकेभ्यः
पन्चमी	बालकात्	बालकाभ्याम्	बालकेभ्यः
षष्ठी	बालकस्य	बालकयोः	बालकानाम्
ससमी	बालके	बालकयोः	बालकेषु
सम्बोधन	हे बालक!	हे बालकौ!	हे बालकाः

लता के शब्दरूप

विभक्ति	एकवचन	द्विवचन	बहुवचन
प्रथमा	लता	लते	लताः
द्वितीया	लताम्	लते	लताः
तृतीया	लतया	लताभ्याम्	लताभिः
चर्तुथी	लतायै	लताभ्याम्	लताभ्यः
पन्चमी	लतायाः	लताभ्याम्	लताभ्यः
षष्ठी	लतायाः	लतयोः	लतानाम्
ससमी	लतायाम्	लतयोः	लतासु
सम्बोधन	लते	लते	लताः

अस्मद् के शब्दरूप

विभक्ति	एकवचन	द्विवचन	बहुवचन
प्रथमा	अहम्	आवाम्	वयम्
द्वितीया	माम्	आवाम्	अस्मान्
तृतीया	मया	आवाभ्याम्	अस्माभिः
चर्तुथी	मह्यम्	आवाभ्याम्	अस्मभ्यम्
पन्चमी	मत्	आवाभ्याम्	अस्मत्
षष्ठी	मम	आवयोः	अस्माकम्
ससमी	मयि	आवयोः	अस्मासु

युष्मद् के शब्दरूप

विभक्ति	एकवचन	द्विवचन	बहुवचन
प्रथमा	त्वम्	युवाम्	यूयम्
द्वितीया	त्वाम्	युवाम्	युष्मान्
तृतीया	त्वया	युवाभ्याम्	युष्माभिः
चर्तुथी	तुभ्यं	युवाभ्याम्	युष्मभ्यम्
पन्चमी	त्वत्	युवाभ्याम्	युष्मत्
षष्ठी	तव	युवयोः	युष्माकम्
ससमी	त्वयि	युवयोः	युष्मासु

21 Best Sanskrit Quotes

1. असतो मा सद्गमय

Lead me from the unreal to the real.

(हे ईश्वर हमें असत्य से सत्य की और ले चलो)

2. आत्मदीपः भव

Be your own light

(स्वयं प्रकाश बनकर अपना मार्ग प्रशस्त करो)

3. स्वात्मानं जानीहि

Know thyself.

(अपने आप को जानो)

4. भयमेवास्ति शत्रुः

Fear is the only enemy.

(भय ही एकमात्र शत्रु है)

5. स्वात्मानं बोध

Awaken to your true nature.

(अपनी असली शक्ति को पहचानो)

6. "अनुगृहिता" अस्म्यहम्

I am blessed.

(मैं सौभाग्यशाली हूँ)

7. स्वाभाविका भव

Be yourself.

(अपनी पहचान बनाओ, नकल मत करो)

8. एतदपि परिवर्तिष्यते

This too will change.

(यह भी बदल जायेगा)

9. निरामयमनः निरामयशरीरे

Sound mind in sound body.

(स्वस्थ शरीर में स्वस्थ मस्तिष्क)

10. तत्परिवर्तनं भव

Be the change.

(जो बदलाव चाहते हो, उसे खुद ही लाओ)

11. सारज्ञः भव

Be realistic.

(यथार्थवादी बनो या हकीकत में विश्वास करो)

12. आनंदः अस्ति स्वीकृतिः

Happiness Is Acceptance.

(हमारी स्वीकृति में ही हमारी खुशी होती है)

13. मातृ देवो भव

Honour thy mother as God.

(माता ईश्वर के बराबर है)

14. पितृ देवो भव

Honour thy father as God.

(पिता ईश्वर के बराबर है)

15. अहमस्मि योधः

I am a fighter

(मैं एक योद्धा हूँ)

16. ईश्वरः मां रक्षति

God protects me

(भगवान मेरी रक्षा करते हैं)

17. मा कदापि त्यज

Never give up

(कभी हिम्मत मत हारो)

18. जीवनं महार्हमस्ति

Life is precious

(जीवन बहुमूल्य है)

19. प्रत्येकश्वासः पारितोषिकमस्ति

Each breath is a gift

(हर साँस एक उपहार है)

20. आत्मानं जानीहि

Know yourself

(खुद को जानो)

21. अंतः अस्ति प्रारंभः

The End is the Beginning

(अंत से ही एक नई शुरुआत होती है)

SOCIAL SCIENCE
WORKSHEET 1(EARTH AND CHANGES ON IT)

 Answer the following questions

Q1 Distinguish between transported and residual soil.

Q2 Why is humus formed more rapidly in humid areas.

Q3. Explain the formation of soil with the help of a labelled diagram.

Q4 What are the major soil types found in India? Give one important characteristic of each.

Q5 Why is conservation of soil important? Suggest three different ways of soil conservation.

WORKSHEET 2 (EARTH AND CHANGES ON IT)

HIGHER ORDER THINKING QUESTIONS

Q1 Mud therapy has been used since ancient times to cure many diseases. Research and answer the following questions:

a.How do mud and soil differ?

b. What is Mud Therapy?

Q2 We use detergents, soaps, phenyl and other chemicals in our day-to-day life. Find out the role of such chemicals in soil pollution.

COMPONENTS OF ENVIRONMENT - WORKSHEET 1

a) Make a diagram showing different spheres of environment (Use different coloured sheets for cutting circles)

HIGHER ORDER THINKING QUESTIONS

b) 1. Discuss the effects of deforestation on the following.

 (a)Wild animals

(b)Environment

(c) Villages (Rural areas)

(d)Cities (Urban areas)

(e) Earth

 (f) The next generation.

2. What is red Data Book?

3. What will happen if:

(a) we go on cutting trees

(b) the habitat of an animals is disturbed

(c) the top layer of soil is exposed

WORKSHEET 2   COMPONENTS OF ENVIRONMENT

A) ANSWER THE FOLLOWING QUESTIONS

1. Established in 1936, _____ is India's first National Park.

     1.Bandhavgarh National Park

     2.Indravati National Park

     3.Jim Corbett National Park

     4.Gir National Park

2. Bandhavgarh National Park is located in which state?

     1.Maharashtra

     2.Madhya Pradesh

     3.Rajasthan

     4.Gujarat

3. We can find the Ranthambore National Park in _____.

     1.Rajasthan

     2.Gujarat

     3.Maharashtra

     4.Uttarakhand

4. Kaziranga National Park is in which state?

     1.Madhya Pradesh

     2.Gujarat

     3.Arunachal Pradesh

     4.Assam

5. Bandipur National park is situated in _____.

    1.Kerala

    2.Tamil Nadu

    3.Karnataka

    4.Andhra Pradesh

6. The endangered Asiatic lions can be found in which National Park?

    1.Kaziranga National Park

    2.Orang National Park

    3.Ranthambore National Park

    4.Gir National Park

7. Jim Corbett National Park was earlier known as?

    1.Hailey National Park

    2.Mouling National Park

    3.Dibru-Saikhowa National Park

    4.Valmiki National Park

8. The National Park that was the first tiger reserve in India is:

    1.Gir National Park

    2.Sundarban National Park

    3.Jim Corbett National Park

    4.Kanha National Park

9 Located in Ladakh, _____ is globally famous for its Snow Leopards.

    1.Hemis National Park

    2.Indravati National Park

    3.Kalesar National Park

    4.Saddle Peak National Park

10. Mahatma Gandhi Marine National Park is situated in _____.

    1.Lakshadweep Islands

    2.Andaman and Nicobar Islands

    3.Dadar and Nagar Haveli

4.Daman and Diu

11. _____ is the largest National Park of India.

1.Gir National Park

2.Jim Corbett National Park

3.Indravati National Park

4.Hemis National Park

12. The smallest National Park of India is _____.

1.Campbell Bay National Park

2.Keoladeo National Park

3.South Button National Park

4.Betla National Park

13. Being home to 19% of India's tiger population, _____ is called the Tiger State of India.

1.Gujarat

2.Madhya Pradesh

3.Maharashtra

4.Rajasthan

14. Added to the UNESCO list of World Heritage Sites in 2014, the Great Himalayan National Park is located in which state of India?

1.Uttarakhand

2.Haryana

3.Himachal Pradesh

4.Punjab

15. _____ is the state with the highest number of National Parks in India.

1.Rajasthan

2.Kerala

3.Maharashtra

4.Madhya Pradesh

COMPONENTS OF ENVIRONMENT   WORKSHEET 3

B) MARK THE FOLLOWING NATIONAL PARKS AND STATES ON THE POLITICAL MAP OF INDIA

1 The state with highest number of national parks and wild life sanctuaries.

2 Smallest national park of India

3 Largest national park of India

4 The National Park that was the first tiger reserve in India

5 Established in 1936, __ is India's first National Park.

6 The endangered Asiatic lions can be found in this National Park of India

7 Mahatma Gandhi Marine National Park

8 Jim Corbett National Park

9 Bandipur National park

10 Gir National Park

SCIENCE

CHAPTER - NUTRITION IN LIVING ORGANISMS – PLANTS

(REVISION WORKHSEET NO 1)

Q1. Answer the following questions in brief:

  (i)   A plant that has both autotrophic as well as heterotrophic mode of nutrition
  (ii)   Green pigment that helps the leaves to capture sunlight
  (iii)   Stored form of carbohydrates in plants
  (iv)   Site of the photosynthesis in plants
  (v)   Write the chemical equation representing the process of photosynthesis

Q2. Identify the organism along with its mode of nutrition:

(I)   (II)   (III)

(IV)   (V)

Q3. Give reasons for following statements:

(i)   A loaf of bread turns blue, brown or greenish during rainy season.
(ii)   Animals cannot perform the process of photosynthesis.
(iii)   Plants need nitrogen to make proteins. Can they absorb nitrogen from the atmosphere?
(iv)   Pitcher plant feed on insects though it is green.

Q4. Do you agree with the given statements? Give reason for your answer.

(i)   A tiger does not eat plants, so it does not depend on plants for food.
(ii)   All plants are autotrophic.
(iii)   Some plants have leaves that are not green in colour, so they cannot perform the process of photosynthesis.

CHAPTER – WATER (REVISION WORKSHEET NO 2)

Q1. Fill in the blanks with correct words:

[**mountainous and hilly regions**] [**contamination**] [**potable**] [**condensation**] [**water conservation**]

(i) Groundwater is ………………….
(ii) ……………………………… of north and west do not allow adequate seepage.

(iii)…………………………… of water vapors is a part of the hydrological cycle.

(iv)Groundwater is generally free from …………………..

(v) Wise and efficient use of water is a part of ……………………………..

Q2. Choose the correct option:

(i) The upper limit of ground water is called_____. (Water table/water cycle)

(ii) _____ does not let the water to seep into the ground, hence, the ground water level goes down. (Polythene/fresh water).

(iii)All the three states of water are _____with the change in temperature (reversible//irreversible)

(iv)_____are one of the traditional ways of collecting rain water (Bawris/infiltration)

Q3. Rohan is unhappy because his well has dried up. Now he is unable to meet the water requirement for irrigation and domestic use, which was very well taken care of in the past. Can you explain the reason why his well has dried up?

Q4. The maximum annual rainfall in India is recorded in Cherrapunji, yet it faces shortage of water. Why?

Q5. Nearly three-forth of the earth's surface is covered with water; still we face shortage of water. Explain

Q6. Why should we not throw chemicals like paints, medicines, engine oil etc. in the drains?

Q7. Differentiate between water conservation and water harvesting.

MATHEMATICS

Solve both Mathematics assignments in your Mathematics notebook.

ASSIGNMENT-I
Topic- Based on previous knowledge

Choose the correct option and circle-

1) The value of expression $(-10-10) \div \{-10-(-10-10)\}$ is
a) 10   b) -10   c) 0   d) -2

2) Which of the following has the greatest quotient?
a) $-20 \div -5$ b) $-20 \div 5$ c) $20 \div -4$ d) $20 \div 4$

3) (-1)X(-2)X(-3)X(-4)X(-5)X(-6) is
a) -120   b) -720   c) 120   d) 720

4) Start with the integer -8. Add -12 to it, subtract 10 from the result. Divide the result
by 3 and multiply the result by -2. What do you get?
a) 20   b) 8   c) -8   d) 10
5) If a/9 × 9/20 × 4/9 = 1/9, the value of a is
a) 45   b) 5/18   c) 5   d) 46/9

6) The product of 3 integers is -600. If two of them are -15 and 10, then the third
integer is
a) -40   b) 40   c) 4   d) -9

7) If 1/3 of a man's property is Rs.2 lakh, then the value of 2/5 of his property is
a) Rs.200000   b) Rs.240000   c) Rs. 220000   d) Rs. 250000

8) 1/9 of 1/6 of 1/3 of 56052 =
a) 356   b) 336   c) 376   d) 346

9) How many seconds are there in 2/3 of 2 hours?

10)One autumn morning the temperature went up from -4⁰C to 5⁰C.

a) By how many degrees did the temperature rise?

b) During the afternoon the temperature then fell by 7⁰C from 5⁰C. What was the
temperature at end of the afternoon?

11) Compute by suitable grouping

a) (-50) ×18 × 4× (-2)

b) 758 + 200 + 142 +(-100)

12) Which expression has greater value?

a) 17÷ 1/30 or 30 ÷ 1/17

b) 1/10 ÷ ½ or ½ ÷ 1/10

13) Out of -7, -5, -3, 1, 4, 7. Find a pair of integers whose sum is
a) -2   b) 2   c) 0

14) A book cost Rs.96 and Mahesh bought 60 such books. By mistake the accountant
at the store makes the bill by taking the cost of each book to be Rs.5 less. What is the
difference in this bill from what it would have been in reality?

MATHEMATICS ASSIGNMENT-II
CHAPTER – RATIONAL NUMBERS

Q1. Identify the following numbers are rational numbers or not?

7/-23 , 51/0 , -93/-101 ,   -53/ 76 ,   -7/0 , 0/89

Q2. Form a rational number having-

(i)   Numerator= -3X4 +7   and   Denominator=   12X-1 + 4-6

(ii)   Numerator = 4- 8X3 - 14 and   Denominator =   -121/11 X - 3

Q3. Write the absolute value of the following rational numbers.

-8/11 , 2/-36 , 0/-4,   -4/0

Q4. Convert the following rational numbers in standard form.

-36/144   ,   343/-49 , -16/ -256 ,   625/-3125

Q5.   Circle all positive rational numbers.

-2/7 , 3/-5   , 9/11 ,   -3/-9   , 0/-3

Q6. Answer the following questions-

    (i)   Which integer is neither positive nor negative?

(ii)   If p/q is a rational number, is it necessary that q/p will also be a rational number?Justify your answer with an example.

Q7.State whether the following statements are true or false?

(i)   Every whole number is a natural number.
(ii)   Every integer is a whole number.
(iii)   Every rational is a fractional number.
(iv)   Every natural number is an integer.
(v)   Every integer is a rational number.
(vi)   Every fraction is a rational number.

Q8. Write 5 equivalent rational numbers for

 4/-5   ; -3/-7 ; -4/-9.

Q9.Check whether the following rational numbers are equivalent or not?

(i)   7/-3 and 35/-15
(ii)   3/-17 and -8/51
(iii)   -3/5   and   -12/20

Q10. Express 3/-5 as a rational number with

(i)   Numerator = -45   (ii) Denominator = 15

Q11.   Express -90/216 as a rational number with numerator 15 .

Q12. Express 64/-256 as a rational number with denominator 16.

Q13. Find equivalent form of rational numbers having a common denominator for the following rational numbers.

 5/-12 , -7/24 , 9/48 , -11/-3 .

Q14. Check Wheather the following rational numbers are in standard form or not. If not then convert it in standard form.

 -3/9 ,   4/-27 , 14/-35 , -18/-72 ,   -105/ 378

 Q15. Find x such that rational number in each pairs, become equivalent.

(i)   9/-5 and x/10

(ii)   8/7 and x/-35

(iii)   36/x , 2

(iv)   x/6 , -13

Q16. Write all the rational numbers having absolute value-

(i)   2/5   (ii) 0   (iii) ¾