

AMRIT INDO CANADIAN ACADEMY

CLASS X

HOLIDAY HOMEWORK ASSIGNMENT (2020 – 2021)

M.M.: 100

General Instructions:

This assignment consists of three sections A, B and C.

Read each question carefully and answer.

All the answers must be correctly numbered and written in proper sequence.

Ensure that work is neat!

SECTION A – Reading

Question 1. On the basis of the given passage, answer the following questions that follow. Justify your answer with Why or Why not? (3 x 4=12)

“Strange Bedfellows!” lamented the title of a recent letter to Museum News, in which a certain Harriet Sherman excoriated the National Gallery of Art in Washington for its handling of tickets to the much-ballyhooed “Van Gogh’s” exhibit. A huge proportion of the 200,000 free tickets were snatched up by homeless opportunists in the dead of winter, who then scalped those tickets at \$85 apiece to less hardy connoisseurs.

Yet, Sherman’s bedfellows are far from strange. Art, despite its religious and magical origins, very soon became a commercial venture. From bourgeois patrons funding art they barely understood in order to share their protégée’s prestige, to museum curators stage-managing the cult of artists in order to enhance the market value of museum holdings, entrepreneurs have found validation and profit in big-name art. Speculators, thieves, and promoters long ago created and fed a market where cultural icons could be traded like commodities.

This trend toward commodification of high-brow art took an ominous, if predictable, turn in the 1980s during the Japanese “bubble economy.” At a time when Japanese share prices more than doubled, individual tycoons and industrial giants alike invested record amounts in some of the West’s greatest masterpieces. Ryoei Saito, for example, purchased van Gogh’s Portrait of Dr. Gachet for a record-breaking \$82.5 million. The work, then on loan to the Metropolitan Museum of Modern Art, suddenly vanished from the public domain. Later learning that he owed the Japanese government \$24 million in taxes, Saito remarked that he would have the painting cremated with him to spare his heirs the inheritance tax. This statement, which he later dismissed as a joke, alarmed and enraged many. A representative of the Van Gogh museum, conceding that he had no legal redress, made an ethical appeal to Mr. Saito, asserting, “a work of art remains the possession of the world at large.”

Ethical appeals notwithstanding, great art will increasingly devolve into big business. Firstly, great art can only be certified by its market value. Moreover, the “world at large” hasn’t the means of acquisition. Only one museum currently has the funding to contend for the best pieces—the J. Paul Getty Museum, founded by the billionaire oilman. The art may disappear into private hands, but its transfer will disseminate once static fortunes into the hands of various investors, collectors, and occasionally the artist.

Q1. Which of the following would be the most appropriate title for the passage?

- a) Art of Art’s Sake: A Japanese Ideal
- b) Van Gogh: Breaking New Ground
- c) Museums and the Press: Strange Bedfellows
- d) Money vs. Art: An Ethical Mismatch
- e) Great Art: Business as Usual

Q2. It can be inferred from the passage that Harriet Sherman would be most likely to agree with which of the following statements regarding admission to museum exhibits?

- a) Tickets should be available on a first-come-first-served basis.
- b) Those with a genuine interest in art should not have to pay inflated prices.
- c) Museums need the income from ticket sales in order to buy great art.
- d) Tickets should be distributed without prior announcement.
- e) No one should be able to purchase more than one or two tickets.

Q3. The passage supplies information for answering which of the following questions?

- a) Who owned van Gogh’s Portrait of Dr. Gachet prior to its purchase by Saito?
- b) Where did Saito exhibit van Gogh’s Portrait of Dr. Gachet?
- c) Which museum proposed to purchase van Gogh’s Portrait of Dr. Gachet from Saito?
- d) Did the Van Gogh Museum threaten legal action in response to reports that Saito intended to destroy van Gogh’s Portrait of Dr. Gachet?
- e) Did Saito actually intend to destroy van Gogh’s Portrait of Dr. Gachet?

Questions 2. On the basis of the given passage, answer the questions that follow.

(13 marks)

The Battle of Chancellorsville

The Battle of Chancellorsville, one of the most famous battles of the Civil War, took place in Virginia in the spring of 1863. For months, the two armies had been staked out on opposite banks of a narrow river. The Confederate troops were led by perhaps the most revered military tactician in American history, General Robert E. Lee. The Union soldiers were led by "Fighting" Joe Hooker. In appearance, personality, and lifestyle, these men were nearly perfect opposites. Lee, an older man in poor health with a gray beard, had a somber, measured demeanor. Hooker was a blond, strapping young man whose vanity over his appearance was but one aspect of his egotism. Whereas Lee was devout and principled, Hooker was known for his rollicking enjoyment of both women and whiskey. Despite the fact that the Confederacy had

won the last four major battles and the Union soldiers were famished, exhausted, and demoralized, Hooker proclaimed, "My plans are perfect. And when I start to carry them out, may God have mercy on Bobby Lee, for I shall have none." Why, aside from a propensity for narcissism, was Hooker so confident? Hooker had used spies, analysts, and even hot air balloons to compile a vast amount of intelligence about Lee's army. He had discerned, for example, that Lee had only 61,000 men to Hooker's own 134,000. Buoyed by his superior numbers, Hooker covertly moved 70,000 of his men fifteen miles up and across the river, and then ordered them to sneak back down to position themselves behind Lee's army. In effect, Hooker had cut off the Confederate soldiers in front and behind. They were trapped. Satisfied with his advantage, Hooker became convinced that Lee's only option was to retreat to Richmond, thus assuring a Union victory. Yet Lee, despite his disadvantages of both numbers and position, did not retreat. Instead, he moved his troops into position to attack. Union soldiers who tried to warn Hooker that Lee was on the offensive were dismissed as cowards. Having become convinced that Lee had no choice but to retreat, Hooker began to ignore reality. When Lee's army attacked the Union soldiers at 5:00 p.m., they were eating supper, completely unprepared for battle. They abandoned their rifles and fled as Lee's troops came shrieking out of the brush, bayonets drawn. Against all odds, Lee won the Battle of Chancellorsville, and Hooker's forces withdrew in defeat.

Q1) Based on information in the passage, it can be concluded that Hooker lost the Battle of Chancellorsville mostly because of his

- a) Vanity
- b) Ignorance
- c) Overconfidence
- d) Faulty information
- e) Vices

Q2) The contrast drawn between Lee and Hooker in paragraph 2 is intended to

- a) showcase the different backgrounds and personal histories of these two enemy soldiers
- b) provide support for the idea that Lee was a more virtuous person than Hooker, and therefore a better military commander
- c) prove that two men with very different values could end up in similar positions of power
- d) suggest that if Hooker had been more devout and principled, he might not have been outwitted by Lee
- e) imply that these men fundamentally differed in their approaches to nearly everything, including Battle

Q3) In paragraph 3, the author quotes Hooker as saying, "My plans are perfect. And when I start to carry them out, may God have mercy on Bobby Lee, for I shall have none." The author most likely includes this quote in order to

- a) demonstrate Hooker's belief in his own infallibility
- b) provide an example of the way language has changed since 1863
- c) reveal that Hooker was a deeply religious man in spite of his lifestyle
- d) foreshadow Hooker's defeat at the hands of Lee's army
- e) portray Hooker as a merciless general who was compelled by his hatred of Lee

Q4) Based on its use in paragraph 3, it can be inferred that the word propensity belongs to which of the following word groups?

- a) fondness, partiality, affection
- b) flaw, fault, shortcoming
- c) distaste, aversion, dissatisfaction
- d) tendency, inclination, predisposition
- e) confidence, self-assurance, certitude

Q5) How many men did Hooker position behind Lee's army?

- a) 61,000
- b) 70,000
- c) 73,000
- d) 134,000
- e) 158,000

Q6) As used in paragraph 4, buoyed most nearly means

- a) strengthened
- b) anchored
- c) floated
- d) sharpened
- e) heartened

Q7) According to the author, Hooker's advantages going into the Battle of Chancellorsville included

- I. numbers
- II. position
- III. strategy

- a) I only
- b) II only
- c) I and II only
- d) II and III only
- e) I, II, and III

Q8) As used in paragraph 4, buoyed most nearly means

- a) dialogue
- b) specific examples
- c) vivid details
- d) sensory words
- e) scenic descriptions

Q9) If this passage were to continue, which of the following would most likely be the first sentence of the next paragraph? And why? (2)

- A) His army routed, Hooker and his reduced forces hobbled south, back to the center of Confederate operations where he was harshly rebuked for having squandered his vast army.
- b) In all his days of fighting, Hooker had never been met with such surprise and opposition; he took

to solemn contemplation of the events that had transpired as well as the lessons he might learn from them.

c) Wounded in both body and spirit, Hooker and his severely diminished forces retreated to higher ground where they proceeded to reload their weapons and prepare for a counter attack.

d) Upon returning to camp, the triumphant Lee immediately ordered for supplies to be brought up and provisions made for a raucous victory celebration.

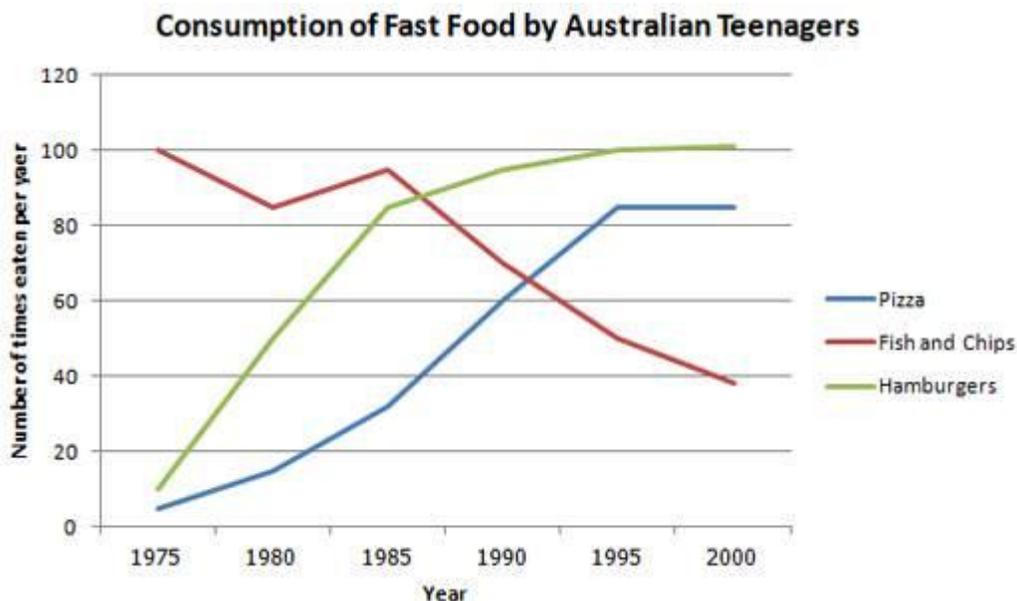
e) Not one to gloat over his success, Lee remarked that the victory had been the product of valiant fighting and good luck, as he began to map out strategies for their next move.

Q10) Based on the information in the passage, summarize the events of the Battle of Chancellorsville in your own words. (3)

SECTION B: Writing & Grammar

Question 3. The line graph below shows changes in the amount and type of fast food consumed by Australian teenagers from 1975 to 2000. Summarize the information by selecting and reporting the main features and make comparisons where relevant. Write an analytical paragraph in about 150 words.

(7 Marks)



Question 4. Gap filling exercise is a great way to practice your English. Fill correct option and tell the reason of that particular answer. (3x2=6)

The selection committee will interview the candidates next week.'

'The candidates _____ by the selection committee next week.'

The first sentence is in active voice. The second sentence is the passive voice form of the first sentence. Fill the gap by choosing from the following options.

- a) are interviewed
- b) will be interviewed
- c) were interviewed
- d) have been interviewed

2. In the last few months, competition has become ____.'
- a) much tougher
 - b) tougher
 - c) much more tough
 - d) more tough
3. He __ at the seminar on Thursday because he was sick.'
- a) was not
 - b) is not
 - c) will not be
 - d) Both options 1 and 3

Question 5. The following passage has not been edited. There is error in each line. Write the incorrect word and correct word.

(8 marks)

	<i>INCORRECT</i>	<i>CORRECT</i>
My Uncle who was addicted of letter writing	a)	
were the role model in our extended family.	b)	
He lived in a village and often judged peoples	c)	
in the basis of how quickly his letters were	d)	
replied to. Uncle spent a hour every morning	e)	
writing detailed letters. He keeps a small box	f)	
next to him. It contained a postal stationary,	g)	
pens or an old paling dog-eared, address book.	h)	

Question 6. Write a dialogue between you and your friend discussing regarding the advantages and disadvantages of lockdown due to pandemic situation we are facing these days.

(8 marks)

Question 7. Write a letter to Editor presenting and expressing your views on "The Doomsday Clock meets the corona virus"

(10 marks)

SECTION C: Literature

Question 8. Answer the following questions in about 30-40 words. Justify your answer with Why or Why not? (4x3=12)

Q1. Why did the postmaster decide to reply to Lencho's letter?

He was a good man

He felt empathetic

To preserve Lencho's faith in God

All of the above

Q2. What are man's obligations in life? Why?

Obligation to people

Obligation to family

Obligation to God

Both 1 and 2

Q3. How would you describe Mrs. Phumpherly and why?

a) Loving

b) Over doing

c) Intelligent

d) Rational

Q4. The young seagull dived at the fish maddened by..... and Why?

a) Hunger

b) Heat

c) Tiredness

d) Sleep

Question 9. Read the stanza below and answer the questions that follow:

(4x2=8)

But he's locked in concrete cell,
His strength behind the bars
Stalking the length of his cage
Ignoring visitors.

What does the phrase "his strength behind the bars" suggest?

What is the tiger doing in the cage?

Why does the tiger ignore visitors?

What message does the poet want to convey through the poem – 'The Tiger in the Zoo'?

Question 10. Read the extract given below and answer the questions that follow:

(4x2=8)

We, who were outlaws, not so long ago, have today been given the rare privilege to be host to the nations of the world on our own soil.

We thank all of our distinguished guests for having come to take possession with the people of our country of what is after all a common victory for justice, for peace, for human dignity.

We have, at last, achieved our political emancipation. We pledge ourselves to liberate all our people from the continuing bondage of poverty, deprivation, suffering, gender, and other discrimination.

What does 'we' refer in the first line of the passage?

What did the people of South Africa achieve at last?

The word 'bondage' means..... in the passage.

Give (i) Synonym of 'emancipation'

(ii) Antonym of 'deprivation'

Question 11. Based on your understanding of the texts prescribed in your syllabus, answer the following

questions:

(2x4=8)

Q1. With the reference to the chapter 'Nelson Mandela: A Long Walk to Freedom', give your opinion as how did Mandela's 'Hunger for Freedom' change his life.

Q2. Why was the young seagull afraid to fly? Do you think all young birds are afraid to make their flight or are some birds more timid than others? Do you think a human baby also finds it a challenge to take its first steps?

AMRIT INDO CANADIAN ACADEMY
MATHEMATICS ASSIGNMENT

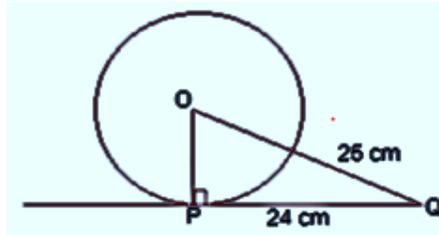
CLASS – X

M.M : 100

All questions are compulsory

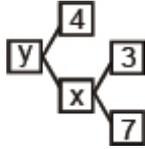
Give reason for each multiple choice question.

1. The sum of the probability of an event and non event is : (1)
(a) 2 (b) 1 (c) 0 (d) none of these.
2. How many tangents can a circle have? (1)
3. A circle can have.....parallel tangents at the most. (1)
4. The number of zeroes that polynomial $f(x) = (x - 2)^2 + 4$ can have is: (1)
(a) 1 (b) 2 (c) 0 (d) 3
5. Roots of quadratic equation $x^2 - 3x = 0$, will be (1)
(a) 3 (b) 0, -3 (c) 0, 3 (d) none of these
6. Which of the following is not a quadratic equation? (1)
(a) $x^2 - 5x + 9$ (b) $x + \frac{1}{x} = 1$ (c) $x^2 - 9 = 0$ (d) $x^3 - 2x - \sqrt{5} = 0$
7. The probability of a leap year selected at random contain 53 Sunday is: (1)
(a) 53/ 366 (b) 1/7 (c) 2/7 (d) 53/365
8. What are the total outcomes when we throw three coins? (1)
(a) 4 (b) 5 (c) 8 (d) 7
9. A polynomial of degree n has (1)
(a) only 1 zero (b) exactly n zeroes (c) atmost n zeroes (d) more than n zeroes
10. The decimal expansion of number $\frac{441}{2^2 \times 5^3 \times 7}$ has: (1)
(a) a terminating decimal (b) non-terminating but repeating
(c) non-terminating non repeating (d) terminating after two places of decimal
11. From a point Q, the length of the tangent to a circle is 24 cm and the distance of Q from the centre is 25 cm. The radius of the circle is (1)
(a) 7 cm (b) 12 cm (c) 15 cm (d) 24.5 cm



12. The values of x and y in the given figure are:

(1)



(a) $x = 10; y = 14$

(b) $x = 21; y = 84$

(c) $x = 21; y = 25$

(d) $x = 10; y = 40$

13. Find the value of P for which the point $(-1, 3)$, $(2, p)$ and $(5, -1)$ are collinear.

(1)

(a) 4

(b) 3

(c) 2

(d) 1

14. The quadratic polynomial whose sum of zeroes is 3 and product of zeroes is -2 is :

(1)

(a) $x^2 + 3x - 2$

(b) $x^2 - 2x + 3$

(c) $x^2 - 3x + 2$

(d) $x^2 - 3x - 2$

15. Use Euclid's algorithm to find the HCF of 4052 and 12576.

(2)

16. For what value of p , the points $(-5, 1)$, $(1, p)$ and $(4, -2)$ are collinear?

(2)

17. Two coins are tossed together find the probability of getting:

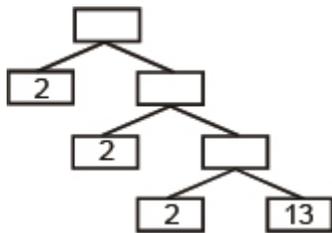
(2)

(i) at least one tail.

(ii) one head

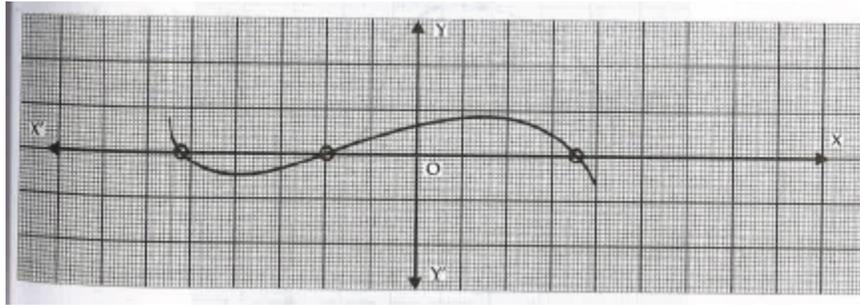
18. Find the missing numbers in prime factors tree.

(2)

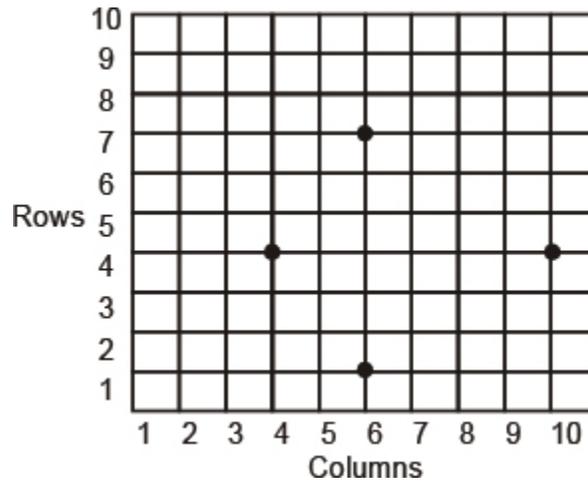


19. Write the number of zeroes of the polynomial $y = f(x)$ whose graph is given in the figure.

(2)



20. A bag contains 10 red, 5 blue and 7 green balls. A ball is drawn at random. Find the probability of this ball being not a blue ball.
(2)
21. Find the ratio in which point $(x, 2)$ divides the line segment joining points $(-3, -4)$ and $(3, 5)$. Also find the value of x .
(2)
22. If a and b are two prime numbers, write their HCF and LCM.
(2)
23. Prove that the parallelogram circumscribing a circle is a rhombus.
(4)
24. Find the zeroes of the quadratic polynomial $x^2 + 7x + 10$, and verify the relationship between the zeroes and the coefficients.
(4)
25. Find the area of quadrilateral ABCD whose vertices are $A(1, 0)$, $B(5, 3)$, $C(2, 7)$, $D(-2, 4)$.
(4)
26. The sum of the squares of two consecutive odd numbers is 394. Find the numbers.
(4)
27. If tangents PA and PB from a point P to a circle with centre O are inclined to each other at angle of 80° , then find $\angle POA$?
(4)
28. Is it possible to design a rectangular park of perimeter 80 m and area 400 m^2 ? If so, find its length and breadth.
(4)
29. Prove that the tangents drawn at the ends of a diameter of a circle are parallel.
(4)
30. In a classroom, 4 friends are seated at the points A, B, C and D as shown in Fig. Champa and Chaneli walk into the class and after observing for a few minutes Champa asks Chaneli, "Don't you think ABCD is a square?" Chaneli disagrees. Using distance single formula, find which of them is correct.
(4)



31. Two customers Amrit and sahib are visiting a particular shop in the same week . Each is equally likely to visit the shop on any day as on another day . What is the probability that both will visit the shop on

- (i) The same day (ii) consecutive days (iii) different days ?
(4)

(ii)

32. Obtain all other zeroes of the polynomial $2x^3 - 4x - x^2 + 2$, if two of its zeroes are $\sqrt{2}$ and $-\sqrt{2}$. (4)

33. If vertices of a triangles are $(1, k)$, $(4, -3)$ and $(-9, 7)$ and its area is 15 sq. units then find then the value of k.

(4)

34. The length of a tangent from a point A at distance. 5 cm from the centre of the circle is 4 cm. Find the radius of the circle.

(4)

35. If the zeroes of the polynomial $x^3 - 3x^2 + x + 1$ are $(a - b)$, a , $(a + b)$, find a and b.

(4)

36. Two water taps together can fill a tank in $9\frac{3}{8}$ hours. The tap of larger diameter takes 10 hours less than the smaller one to fill the tank separately. Find the time in which each tap can separately fill the tank.

(6)

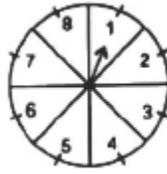
37. Prove that $(5 + 3\sqrt{2})$ is an irrational number.

(6)

38. A game of chance consists of spinning an arrow which comes to rest pointing at one of the numbers 1, 2, 3, 4, 5, 6, 7, 8 (see figure), and these are equally likely outcomes. What is the probability that it will point at

(6)

- (i) 8? (ii) an odd number? (iii). a number greater than 2 (iv) a number less than 9?



Chapter Names

1. Chapter 1 – Real Numbers
2. Chapter 2 – Polynomial
3. Chapter 3 – Quadratic Equation
4. Chapter 7 – Coordinate Geometry
5. Chapter 10 – Circle
6. Chapter 16 – Probability

**AMRIT INDO CANADIAN ACADEMY
ASSIGNMENT FOR JUNE VACATIONS
CLASS X**

SUBJECT- SCIENCE

M.M 100

PART A (CHEMISTRY)

SECTION A

1. A student was given Mn, Zn, Fe and Cu metals. Identify which of them and why?
(a) Will not displace H_2 from dil. HCl.
(b) Will react only with steam to give H_2 (g).
(c) Will give H_2 with 5% HNO_3 . 1
2. Giving chemical equation and answer the following:
(a) What happens when copper is heated in air?
(b) What happens when the product obtained in above reaction is heated in hydrogen? 2
3. What happens when a piece of:
(i) Aluminum metal is added to dilute hydrochloric acid
(ii) Zinc metal is added to copper sulphate solution
(iii) Silver metal is added to copper sulphate solution
Also write balanced chemical equation if the reaction occurs. 3
4. The metal salt A is blue in color. When salt is heated strongly over a burner, then a substance B present in it is eliminated and a white powder C is left behind. When a few drops of a liquid D added to powder C, it becomes blue again.
(i) Identify A, B, C, D.
(ii) Write the chemical equations involved.
Give an example of the salt which also shows above property. 3
5. Give suitable reasons for the following statements:
(i) Rain water conducts electricity but distilled water does not.
(ii) We feel burning sensation in the stomach when we over eat.
(iii) A tarnished copper vessel regains its shine when rubbed with lemon.
(iv) The Crystal of washing soda change to White powder on exposure to air.
(v) An aqueous solution of sodium chloride is neutral but an aqueous solution of sodium carbonate is basic 5

SECTION B

- 6.. In the double displacement reaction between aqueous potassium iodide and aqueous lead nitrate, a yellow precipitate of lead iodide is formed. While performing the activity if Lead Nitrate is not available, which of the following can be used in place of Lead Nitrate?
(a) Lead sulphate (insoluble)

- (b) Lead acetate
 (c) Ammonium Nitrate
 (d) Potassium Sulphate 1

7. Why does 1 M HCl solutions have a high concentration of H^+ ions than 1 M CH_3COOH solution? 2

8. (i) Explain the steps for extraction of copper from its sulphide Ore. Write the balanced equation involved in this process.

(ii) What is meant by refining of metals? Draw a diagram of electrolytic refining of Copper and name the substances used as cathode, anode and the electrolyte. 5

SECTION C

9. When HCl gas is prepared on a humid day, the gas is usually passed through the guard tube containing calcium chloride. The role of calcium chloride taken in the guard tube is to

- (a) Absorb the evolved gas
 (b) Moisten the gas
 (c) Absorb moisture from the gas
 (d) Absorb Cl^- ions from the evolved gas

Also state the possible reason for your answer. 1

SECTION D

10. (a) A substance X, an oxide of a metal, is used extensively in the cement industry. This element is found in our bones also. On treatment with water it forms a solution which turns red litmus blue. Identify X and also write the chemical reaction involved.

(b) Choose a metal from the following metals which reacts only with hot water: Sodium, magnesium, iron.

Mention the products formed during the reaction. 2

11. What is Redox reaction? Identify the substance oxidized and the substance reduced in the following reaction:



12. A solution of substance X is used for testing carbon dioxide.

- (a) Write the equation of the reaction of X with carbon dioxide.
 (b) How is X obtained? Write chemical equation. 3

SECTION E

13. (a) What would happen if we use electrolysis process to reduce metals rather than reducing it with carbon during extraction of metals in the middle of reactivity series?

(b) Can we use any other electrolyte except $CuSO_4$ during electro refining of copper? Give suitable reason. 3

PART B (BIOLOGY)

Section A

1. What will happen to rate of photosynthesis on cloudy days and why?
(i) Increase
(ii) Decrease
(iii) Remain same. 1
2. Which one of following does not have valves and why?
(i) Heart
(ii) Capillary
(iii) Arteries
(iv) Veins 1
3. What are different ways in which glucose is oxidised to provide energy in various organisms? What is main difference between aerobic and anaerobic respiration? 3
4. State the role played by enzyme trypsin and lipase in digestion? List two functions of finger like projection present in small intestine? 3
5. Explain structure of heart with mechanism of blood flow, with Labelled diagram of heart. 5
6. Describe the structure and functioning of nephron? 5

Section B

7. If salivary amylase is lacking in the saliva which of the following events in the mouth cavity will be affected and why?
(i) Protein breaking into amino acids
(ii) Starch breaking down into Sugars.
(iii) Fats breaking down into fatty acids and glycerol.
(iv) Absorption of vitamins. 1
8. What will happen if mucus is not secreted by the gastric glands? 2
9. Why is the flow of signals in a synapse from axonal end of one neuron to dendrite end of another neuron but not the reverse? 3

Section C

10. Assume you are surgeon and you had removed a good length of small intestine of a patient who was suffering from intestinal tumor. Now, would you suggest a plant based or meat based diet for his recovery. Give reasons for your answer 2

Section D

11. There is enough water in the surrounding soil but the plant is not showing any growth. Enlist four reasons behind it. How can this problem be solved? 2

Section E

12. You have seen person drowning, what you will do to save that person. Explain the full procedure. What according to you is the reason behind this? 2
13. Why major clinical tests are performed from urine samples? Enlist the dialysis procedure step by step. 3

PART C (PHYSICS)

Section A		
1.	<p>The magnetic field intensity produced due to a current carrying coil is maximum at-</p> <p>(A) any point</p> <p>(B) the centre of the coil</p> <p>(C) any point lying on the axis of the coil</p> <p>(D) points lying between centre of the coil and its circumference</p> <p>Explain the reason for this as well.</p>	1
2.	Define current. Is it a scalar quantity or a vector quantity? What is meant by the conventional direction of current?	2
3.	What is the direction of magnetic field at the centre of a current carrying coil if the current is in (i) anticlockwise direction (ii) clockwise direction	2
4.	What do you mean by short circuit and overloading? How does an electric fuse help in both the cases?	3
Section B		
5.	<p>When a body is negatively charged by friction, it means-</p> <p>(A) the body has acquired excess of electrons</p> <p>(B) the body has acquired excess of protons</p> <p>(C) the body has lost some electrons</p> <p>(D) the body has lost some neutrons</p> <p>Explain the reason for this as well.</p>	1
6.	You are required to make an electromagnet from a soft iron bar. Draw a circuit diagram using a cell, an insulated copper coil and a soft iron bar	2
7.	Derive the expression for the equivalent resistance when two resistors are joined in series	3
Section C		
8.	<p>Force acting on a stationary charge Q in the magnetic field B is-</p> <p>(A) BQV</p> <p>(B) BV/Q</p>	1

	<p>(C) Zero</p> <p>(D) BQ/V</p> <p>Explain the reason for this as well.</p>	
9.	<p>If I is the current through a wire and 'e' is the charge of electron then the number of electrons in t seconds will be given by –</p> <p>(A) $\frac{Ie}{t}$</p> <p>(B) e/It</p> <p>(C) It/e</p> <p>(D) Ite</p> <p>Explain the reason for this as well.</p>	1
10.	<p>Three resistors of resistances $10\ \Omega$, $20\ \Omega$ and $30\ \Omega$ are connected in parallel with a $6V$ cell. Find (a) the current through each resistor, (b) the current supplied by the cell, and (c) the equivalent resistance of the circuit.</p>	5
11.	<p>(a) How will you join three resistors of resistances $4\ \Omega$, $6\ \Omega$ and $12\ \Omega$ to get an equivalent resistance of $8\ \Omega$?</p> <p>(b) What would be the highest and the lowest equivalent resistances possible by joining these resistors?</p>	5
Section D		
12.	<p>Analysing the function of live, neutral and earth wires, write about short circuit and overloading? How does an electric fuse help in both the cases? Draw a diagram for the household circuit as well.</p>	3
13.	<p>If a wire of resistance R is cut into 'n' equal parts. All the parts are first connected in series and then in parallel. Calculate the ratio of series and parallel combination of the resistors.</p>	3
Section E		
14.	<p>If a bar magnet is cut in two ways (a) along the horizontal axis (b) along the vertical axis. Explain the change in strength of magnetic field in both cases with the help of a diagram.</p>	2

AMRIT INDO CANADIAN ACADEMY
SOCIAL SCIENCE
ASSIGNMENT
CLASS-10

Note:

M.M-100

Solve the assignments strictly on assignment sheets.

Marks will be added in the final assessment

Q1. At what level there are non-party based elections in our country? Why? (1)

- a) Panchayat Raj b) Municipal Corporation
- c) By Election

Q2. Article 17 is very important, why? (1)

- a) Given in constitution b) Creates communalism
- c) Promotes Inequality

Q3. There is inequality in urban areas. Why? (1)

- a) Difference between rich and poor b) Population
- c) Government

Q4. What is Resource Planning? What is Agenda 21? (1+1)

Q5. Name three major alliances of India. (2)

Q6. Give examples to prove that there are other important developmental goals than income. (3)

Q7. Match the following (3)

List 1

List 2

Union of India

Governor

State

Prime Minister

Congress Party

National Democratic Alliance

Bhartiya Janta Party

State Party

CPI

UPA

Telugu Desam Party Left Front

Q8. "The creation of a linguistic state was the first and major test for democratic politics in our country". Justify the statement. (3) (3)

Q9. Who formed BSP? What are its main policies? (3)

Q10. What is communalism? How is communalism a hindrance in the functioning of our democracy? Explain. (1+2)

Q11. Describe any three main characteristics of arid soil in India. (3)

Q12. How resources are classified ? Explain in detail. (5)

Q13. Suggest some reforms to strengthen parties so that they perform their functions well. (5)

Q14. A) Which three developmental goals will you like to prescribe for rural labourers."

B) People have conflicting developmental goals". Support with examples. (3+2)

Q15. Which of the given statement is correct and why? (1)

a) In a federation the powers of the federal and provincial governments are demarcated.

b) India is a federation because the powers of the Union and State governments are specified in the Constitution and they have exclusive jurisdiction on their respective subjects.

c) Sri Lanka is a federation because the country is divided into provinces

d) India is no longer a federation because some powers of the States have been developed to the local government bodies.

Q16. Why coalition government is formed? (1)

a) To form the government b) To form the opposition

c) To bring unity in parties

Q17. Where did India conduct its nuclear tests? Why? (1)

a) Mumbai, City side b) Delhi, Near Parliament House

c) Pokhran, Deserted area

Q18 Sharing of Power makes people more powerful. Give reasons? (3)

Q19. "Indiscriminate use of resources has led to numerous problems." Justify the statement. (3)

Q20. Explain party system. (3)

Q21. What was the feminist movement? Explain the political demands of the feminist movement in India.

(3)

Q22. "Money cannot buy all goods and services that one needs to live well". Do you agree with statement? Give examples. Justify your answer with suitable arguments. (1+1+3)

Q23. A system of 'checks and balances' is another name for which one of the following power-sharing arrangements and why? (1)

- (a) Power sharing among different social groups.
- (b) Vertical division of power or power shared among different levels of government.
- (c) Horizontal division of power or power shared among different organs of government.
- (d) Power sharing in the form of political parties, pressure groups and governments.

Q24. Which of the following is not a measure for soil conservation and why? (1)

- (a) Strip cropping
- (b) Terrace cultivation
- (c) Shelter belts
- (d) Overdrawing of ground water

Q25. Which among the following statements about Indian Constitution is wrong and why? (1)

- a) prohibits discrimination on grounds of religion.
- b) gives official status to one religion.
- c) provides to all individual's freedom to profess any religion
- d) ensures equality of citizens within religious communities

Q26. 13. Which party is only allowed to rule in China and why? (1)

- (a) Socialist party
- (b) Communist party
- (c) Liberal party
- (d) Maoist party

Q27. Locate on map (5)

- a) A major soil type
- b) Regions covered under Laterite soil
- c) Soil type that is formed where the rainfall is low
- d) 1920 December Congress Session
- e) Place where Indigo planters started movement

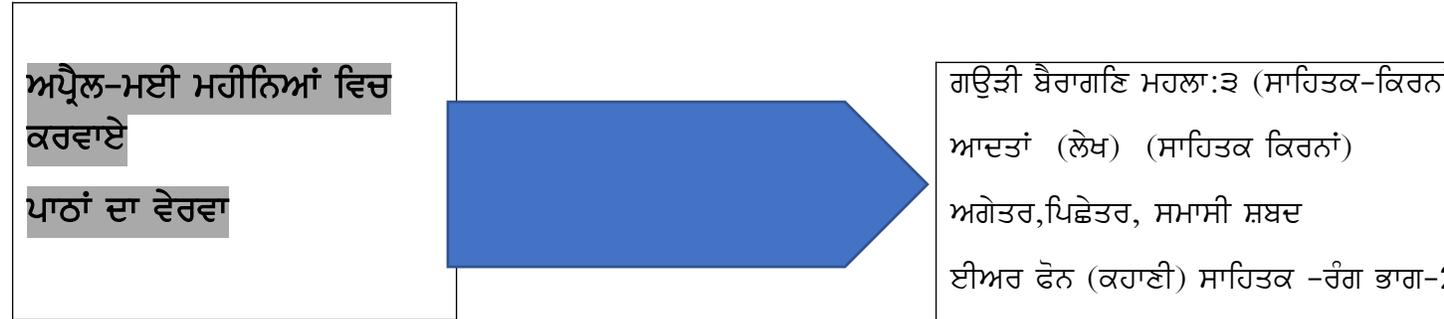
- Q28. Highlight the main challenges faced by political parties. (3)
- Q29. Explain any three key features of federalism which have been incorporated in the Indian Constitution. (3)
- Q30. How has technical and economic development led to more consumption of resources? (3)
- Q31. How would income and employment increase if farmers were provided with irrigation and marketing facilities? (3)
- Q32. Which important values can be derived from the concept of decentralization? Who is a Mayor? What are his functions? (2+1+1)
- Q33. Explain the two main reasons why power sharing is important in a democracy. Explain two reasons as to why power sharing is desirable. How has the idea of power sharing changed with time? (2+3)
- Q34. Political parties being the prime institution of democracy and representing the citizen's choice at bigger platform than also the situation of our country is not improving. In this epidemic situation when migrant workers are leaving and no help is available. They being the vote bank of the political parties, why no one is helping them. Comment. (2+3)
- Q35. India being a democratic country claims to be promoting equality. Than also overall women position is not improving. They don't feel safe in India. Government is making new laws and policies every time claiming for improvement. Comment (5)

ਅੰਮ੍ਰਿਤ ਇੰਡੋ ਕੈਨੇਡੀਅਨ ਅਕੈਡਮੀ

ਜਮਾਤ- ਦਸਵੀਂ

ਵਿਸ਼ਾ-ਪੰਜਾਬੀ (ਅਸਾਈਨਮੈਂਟ) ਜੂਨ 2020

ਕੁੱਲ ਅੰਕ-100



ਨੋਟ- ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਜ਼ਰੂਰੀ ਹਨ। ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਚੰਗੀ ਬਣਤਰ ਵਿੱਚ ਦਿੱਤੇ ਜਾਣ। ਕਾਟ-ਛਾਂਟ ਰਹਿਤ ਉੱਤਰਾਂ ਨੂੰ 5 ਅੰਕ ਦਿੱਤੇ ਜਾਣਗੇ।

ਭਾਗ ਓ ਗਿਆਨ ਪਰਖ (Knowledge)32

ਹੇਠ ਦਿੱਤੇ ਪ੍ਰਸ਼ਨਾਂ ਲਈ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ ਅਤੇ ਉਸਦਾ ਮੁਲਾਂਕਣ ਵੀ ਕਰੋ। (1.5x4=6)

ਗੂੜ੍ਹੀ ਨੀਂਦ ਪ੍ਰਾਪਤ ਕਰਨ ਲਈ ਕਿਹੜਾ ਯੋਗ ਅਭਿਆਸ ਕੀਤਾ ਜਾਵੇ ਤੇ ਕਿਉਂ?

ਤਾੜ ਆਸਨ

2. ਸਵਾਸਨ

3. ਚੱਕਰ ਆਸਨ

ਰਜਨੀ ਨੂੰ ਕਿਹੜੇ ਪੁਰਸਕਾਰ ਨਾਲ ਸਨਮਾਨਿਤ ਕਰਨ ਦੀ ਗੱਲ ਕੀਤੀ ਗਈ ਤੇ ਕਿਉਂ?

1. ਨੋਬਲ ਪੁਰਸਕਾਰ

2. ਰਾਸ਼ਟਰਪਤੀ ਐਵਾਰਡ

3. ਪਦਮਸ਼੍ਰੀ ਪੁਰਸਕਾਰ

(ੲ) ਮੀਨਾਕਸ਼ੀ ਪੇਪਰਾਂ ਤੋਂ ਬਾਅਦ ਕਿੱਥੇ ਗਈ ਸੀ ਤੇ ਕਿਉਂ?

ਆਪਣੇ ਨਾਨਕੇ

2. ਦੋਸਤਾਂ ਨਾਲ ਘੁੰਮਣ

3. ਆਪਣੀ ਭੂਆ ਘਰ

(ੳ) ਬਜ਼ਾਰ ਵਿੱਚ ਮੀਨਾਕਸ਼ੀ ਕਿਸ ਚੀਜ਼ ਨਾਲ ਟਕਰਾਈ ਤੇ ਕਿਉਂ?

1. ਮੋਟਰ ਕਾਰ ਨਾਲ 2. ਮੋਟਰ ਸਾਈਕਲ ਨਾਲ 3. ਸਾਈਕਲ ਨਾਲ

2. ਹੇਠ ਦਿੱਤੇ ਅਤਿ ਛੋਟੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ- (6)

‘ਗਰਬਿ’ ਦਾ ਕੀ ਅਰਥ ਹੈ?

ਗਉੜੀ ਬੈਰਾਗਣਿ ਮ:੩ ਕਿਸ ਦੀ ਰਚਨਾ ਹੈ?

(ੲ) ਕਿਹੜੇ ਲੋਕਾਂ ਨੂੰ ਪਛਤਾਓਣਾ ਪੈਂਦਾ ਹੈ?

(ਸ) ਗੁਰਮੁਖ ਨੂੰ ਆਪਣੇ ਦੁਨਿਆਵੀ ਰਿਸ਼ਤੇ ਕਿਸ ਵਿਚ ਨਜ਼ਰ ਆਉਂਦੇ ਹਨ?

(ਹ) ਮਨਮੁਖ ਕੌਣ ਹੁੰਦੇ ਹਨ?

(ਕ) ਗੁਰੂ ਨੂੰ ਕੀ ਭਾਉਂਦਾ ਹੈ?

3. ਹੇਠ ਦਿੱਤੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ- (12)

ਅਧਿਆਪਕ ਮੋਹਨ ਲਾਲ ਜੀ ਨੂੰ ਕਿਸ ਗੱਲ ਦਾ ਡਰ ਸੀ?

ਚਿੜੀਆਘਰ ਦੇ ਅਫਸਰ ਨੇ ਰਜਨੀ ਲਈ ਐਵਾਰਡ ਦੀ ਸਿਫਾਰਸ਼ ਦੀ ਗੱਲ ਕਿਉਂ ਕਹੀ?

(ੲ) ਮੀਨਾਕਸੀ ਦੀ ਮਾਂ ਉਸ ਨਾਲ ਕੀ ਖੇਡਣਾ ਚਾਹੁੰਦੀ ਸੀ ਤੇ ਕਿਉਂ?

(ਸ) ਈਅਰਫੋਨ ਕਹਾਣੀ ਵਿੱਚ ਹਾਦਸਾ ਵਾਪਰਨ ਦਾ ਮੁਖ ਕਾਰਨ ਕੀ ਸੀ?

(ਹ) ਅੰਮ੍ਰਿਤ ਵੇਲਾ ਕਿਸਨੂੰ ਕਹਿੰਦੇ ਹਨ?

(ਕ) ਸੈਰ ਕਰਨ ਦੇ ਕੀ ਲਾਭ ਹੁੰਦੇ ਹਨ??

4. ਹੇਠ ਦਿੱਤੇ ਪ੍ਰਸ਼ਨਾਂ ਵੱਡੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ (8)

(ੳ) ਗਉੜੀ ਬੈਰਾਗਣਿ ਮ:੩ ਸ਼ਬਦ ਕਿਸ ਦੀ ਰਚਨਾ ਹੈ? ਇਸ ਸ਼ਬਦ ਵਿੱਚ ਕਿਹੜੇ ਦੋ ਵਰਗਾਂ ਬਾਰੇ ਗੱਲ ਕੀਤੀ ਗਈ ਹੈ? ਤੁਹਾਡੇ ਅਨੁਸਾਰ ਕਿਹੜੇ ਮਨੁੱਖ ਜੂਨਾਂ ਤੋਂ ਮੁਕਤ ਹੋ ਜਾਂਦੇ ਹਨ ਤੇ ਕਿਵੇਂ?

(ਅ) ਗਉੜੀ ਬੈਰਾਗਣਿ ਮ:੩ ਸ਼ਬਦ ਦਾ ਸਾਰ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।

ਭਾਗ ਅ ਸਮਝ ਸੂਝ-ਬੂਝ (Understanding)

15

5. ਹੇਠ ਦਿੱਤੇ ਪੈਰੇ ਨੂੰ ਧਿਆਨ ਨਾਲ ਪੜ੍ਹੋ ਤੇ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ- (9)

ਆਪਣੇ ਆਪ ਨੂੰ ਅਗਾਹਵਧੂ ਅਤੇ ਆਧੁਨਿਕ ਕਹਿਣ ਵਾਲੇ ਪੰਜਾਬੀ-ਘਰਾਂ ਵਿੱਚ ਪੱਛਮੀ ਸੱਭਿਅਤਾ ਦਾ ਬੋਲਬਾਲਾ ਹੈ। ਉਥੇ ਕੀ ਨਿੱਕੇ ਤੇ ਕੀ ਵੱਡੇ ਸਭ ਅੰਗਰੇਜ਼ੀ ਵਿੱਚ ਗੱਲਬਾਤ ਕਰਦੇ ਹਨ। ਪੰਜਾਬੀ ਬੋਲਣ ਵਿੱਚ ਉਹਨਾਂ ਨੂੰ ਸ਼ਰਮ ਆਉਂਦੀ ਹੈ। ਪਰ ਜਦੋਂ ਉਹਨਾਂ ਨੂੰ ਅਤਿ ਦਾ ਦੁੱਖ ਲੱਗਦਾ ਹੈ ਤਾਂ ਉਹਨਾਂ ਦੇ ਮੂੰਹੋਂ ‘ਹਾਏ ਰੱਬਾ’ ਹੀ ਨਿਕਲਦਾ ਹੈ। ਇਸ ਵੇਲੇ

ਮਤਰੇਈ ਮਾਂ ਨਹੀਂ ਸਗੋਂ ਸਕੀ ਮਾਂ ਪੰਜਾਬੀ ਹੀ ਕੰਮ ਆਉਂਦੀ ਹੈ। ਮਾਤ ਭਾਸ਼ਾ ਉਹ ਭਾਸ਼ਾ ਹੁੰਦੀ ਹੈ ਜਿਸਨੂੰ ਮਨੁੱਖ ਮਾਂ ਦੀ ਕੁੱਖ ਵਿੱਚ ਹੀ ਸਿੱਖਣੀ ਸ਼ੁਰੂ ਕਰ ਦਿੰਦਾ ਹੈ। ਆਪਣੇ ਜੀਵਨ ਦਾ ਅਨੁਭਵ ਉਹ ਮਾਂ-ਬੋਲੀ ਨਾਲ ਹੀ ਪ੍ਰਗਟਾਉਂਦਾ ਹੈ। ਪੰਜਾਬੀ ਦੇ ਸਿਰਮੌਰ ਕਵੀਆਂ ਨੇ ਵੀ ਆਪਣੀ ਮਾਤ-ਭਾਸ਼ਾ ਵਿੱਚ ਹੀ ਰਚਨਾ ਕੀਤੀ ਹੈ। ਭਾਸ਼ਾਵਾਂ ਦਾ ਗਿਆਨ ਹੋਣਾ ਚੰਗੀ ਗੱਲ ਹੈ ਇਹ ਸਾਡੇ ਗਿਆਨ ਪੱਧਰ ਨੂੰ ਉੱਚਾ ਚੁੱਕਦੀਆਂ ਹਨ ਪਰੰਤੂ ਮਾਂ ਬੋਲੀ ਸਾਡੀਆਂ ਭਾਵਨਾਵਾਂ ਦੀ ਬੋਲੀ ਹੈ, ਸਾਨੂੰ ਇਹ ਗੱਲ ਨਹੀਂ ਭੁੱਲਣੀ ਚਾਹੀਦੀ।

1. ਮਤਰੇਈ ਮਾਂ ਕਿਸਨੂੰ ਕਿਹਾ ਗਿਆ ਹੈ ਤੇ ਕਿਉਂ? 1.5

(ੳ) ਹਿੰਦੀ ਨੂੰ (ਅ) ਅੰਗਰੇਜ਼ੀ ਨੂੰ (ੲ) ਪੰਜਾਬੀ ਨੂੰ

2. ਪੰਜਾਬੀ ਘਰਾਂ ਵਿੱਚ ਕਿਹੜੀ ਭਾਸ਼ਾ ਬੋਲੀ ਜਾ ਰਹੀ ਹੈ ਤੇ ਕਿਉਂ? 1.5

(ੳ) ਹਿੰਦੀ (ਅ) ਅੰਗਰੇਜ਼ੀ (ੲ) ਪੰਜਾਬੀ

3. ਪੱਛਮੀ ਸੱਭਿਅਤਾ ਕੀ ਹੈ? ਇਸਨੇ ਕਿਸ ਨੂੰ ਕਾਬੂ ਕੀਤਾ ਹੋਇਆ ਹੈ ? 2

4. ਦੁਖ ਦਾ ਪ੍ਰਗਟਾਵਾ ਕਿਵੇਂ ਸੌਖਿਆਂ ਹੀ ਪ੍ਰਗਟਾਇਆ ਜਾ ਸਕਦਾ ਹੈ? 2

5. ਮਨੁੱਖ ਮਾਤ-ਭਾਸ਼ਾ ਸਿੱਖਣ ਦੀ ਸ਼ੁਰੂਆਤ ਕਿਵੇਂ ਕਰਦਾ ਹੈ? 2

6. ਹੇਠ ਦਿੱਤੀ ਕਾਵਿ-ਟੁਕੜੀ ਨੂੰ ਧਿਆਨ ਨਾਲ ਪੜ੍ਹੋ ਤੇ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ-(6)

ਸੰਗਤ ਜੁੜੀ ਨਿੱਤ ਵਾਂਗਰਾਂ, ਅੱਜ ਗੁਰਦੁਆਰੇ।

ਦਸਮ ਪਿਤਾ ਦੇ ਸੰਗ ਸਨ, ਬੈਠੇ ਇਓਂ ਸਾਰੇ।

ਜਿਓਂ ਚੰਨ ਦੁਆਲੇ ਸੋਭਦੇ, ਨੇ ਰਾਤੀਂ ਤਾਰੇ।

ਆ ਕੇ ਸੁਹੀਏ ਸਿੰਘ ਨੇ, ਮੁੱਖੋਂ ਫਰਮਾਇਆ।

“ਹੁਣੇ ਪਹਾੜੀ ਰਾਜਿਆਂ, ਇੱਕ ਮਤਾ ਪਕਾਇਆ।

ਇੱਕ ਹਾਥੀ ਰਾਜਾ ‘ਕੇਸਰੀ’, ਹੈ ਕਿਤੋਂ ਲਿਆਇਆ।

ਲੋਹਗੜ੍ਹ ਢਾਹੁਣ ਵਾਸਤੇ, ਉਹਨਾਂ ਕਰੀ ਤਿਆਰੀ।

ਸਿਰ ਹਾਥੀ ਦੇ ਬੰਨ੍ਹ ਕੇ, ਲੋਹ-ਤਵੇ ਦੋ ਭਾਰੀ।

ਲੋਹਗੜ੍ਹ ਨੂੰ ਢਾਹੁਣ ਕਿਸ ਨੂੰ ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਤੇ ਕਿਉਂ? 2

ਰਾਜਾ ਕੇਸਰੀ ਨੂੰ (ਅ) ਹਾਥੀ ਨੂੰ (ੲ) ਫੌਜ ਨੂੰ

ਦਸਮ ਪਿਤਾ ਦੇ ਆਲੇ ਦੁਆਲੇ ਕੌਣ ਤੇ ਕਿਵੇ ਸੋਭ ਰਹੇ ਹਨ? 2

ਸੂਹੀਏ ਨੇ ਗੁਰੂ ਸਾਹਿਬ ਨੂੰ ਕੀ ਖਬਰ ਦਿੱਤੀ? 2

ਭਾਗ ਏ ਵਿਸ਼ਲੇਸ਼ਣ (Analyse)

14

7. ਹੇਠ ਦਿੱਤੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਸਹੀ ਉੱਤਰ ਚੁਣੋ-

(4)

1. ਸਮਾਸ ਦਾ ਕੀ ਅਰਥ ਹੈ?

(ੳ) ਪੂਰਾ ਕਰਨਾ (ਅ) ਜੋੜਨਾ (ੲ) ਨਿਖੇੜਨਾ

2. ਸਮਾਸ ਦੀਆਂ ਕੁਲ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ?

(ੳ) ਪੰਜ (ਅ) ਸੱਤ (ੲ) ਗਿਆਰਾਂ

3. 'ਭੇਡ ਦੀ ਚਾਲ' ਲਈ ਕਿਹੜਾ ਸਮਾਸੀ ਢੁਕਵਾਂ ਹੈ?

(ੳ) ਭੇਡ ਵਰਗੀ ਚਾਲ (ਅ) ਭੇਡਾਂ ਦੀ ਚਾਲ (ੲ) ਭੇਡ-ਚਾਲ

4. ਦੁਹਰਾਵੇਂ ਮਮਾਸੀ ਦੀ ਉਦਾਹਰਨ ਚੁਣੋ:

(ੳ) ਵਾਰ-ਵਾਰ (ਅ) ਰੋਟੀ-ਰਾਟੀ (ੲ) ਅੰਨ-ਪਾਣੀ

7. ਹੇਠ ਦਿੱਤੇ ਅਗੋਤਰ ਅਧਾਰਿਤ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ-

(5)

1. ਅਗੋਤਰ ਕਿਹੜੇ ਦੋ ਸ਼ਬਦਾਂ ਦਾ ਸੁਮੇਲ ਹੁੰਦਾ ਹੈ?

2. 'ਉਪਨਾਮ' ਸ਼ਬਦ ਵਿੱਚ ਮੂਲ ਸ਼ਬਦ ਕਿਹੜਾ ਹੈ?

3. ਹੇਠ ਦਿੱਤੇ ਅਗੋਤਰ ਸ਼ਬਦਾਂ ਦੀ ਸਹਾਇਤਾ ਨਾਲ ਦੋ-ਦੋ ਨਵੇਂ ਸ਼ਬਦ ਬਣਾਓ:

ਹਮ , ਕਮ , ਅਨ

8. ਹੇਠ ਦਿੱਤੇ ਪਿਛੇਤਰ ਅਧਾਰਿਤ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ-

(5)

1. ਪਿਛੇਤਰ ਮੂਲ ਸ਼ਬਦ ਵਿੱਚ ਕਿੱਥੇ ਲੱਗਦਾ ਹੈ?

2. 'ਗੁਣਕਾਰੀ' ਸ਼ਬਦ ਵਿੱਚੋਂ ਪਿਛੇਤਰ ਸ਼ਬਦਾਂ ਕਿਹੜਾ ਹੈ?

3. ਹੇਠ ਦਿੱਤੇ ਪਿਛੇਤਰ ਸ਼ਬਦਾਂ ਦੀ ਸਹਾਇਤਾ ਨਾਲ ਦੋ-ਦੋ ਨਵੇਂ ਸ਼ਬਦ ਬਣਾਓ:

ਭਾਗ ਸ ਲਾਗੂ ਕਰੋ (Apply/Application) 6

9. ਮਨੁੱਖ ਵਿੱਚ ਸੁਣਨ ਦਾ ਰੁਝਾਨ ਅਤੇ ਸਮਰੱਥਾ ਦੋਵੇਂ ਘਟਦੀਆਂ ਜਾ ਰਹੀਆਂ ਹਨ। ਸਿੱਟੇ ਵਜੋਂ ਅਗਿਆਨਤਾ ਅਤੇ ਅਸਥਿਰਤਾ ਫੈਲ ਰਹੀ ਹੈ। ਹਰ ਪਾਸੇ 'ਮੈਂ' ਪੱਸਰ ਚੁੱਕੀ ਹੈ। ਆਖਰ ਸਾਡੇ ਸਮਾਜ ਵਿੱਚ ਇਹ 'ਨਾ ਸੁਣਨ' ਦੀ ਕਿਰਿਆ ਕਿਉਂ ਜ਼ੋਰ ਫੜ ਰਹੀ ਹੈ? ਇਸ ਦਾ ਸਭ ਤੋਂ ਵੱਧ ਪ੍ਰਭਾਵ ਵਿਦਿਆਰਥੀ ਵਿੱਚ ਦੇਖਿਆ ਗਿਆ ਹੈ। ਇੱਕ ਵਿਦਿਆਰਥੀ ਹੋਣ ਦੇ ਨਾਤੇ ਤੁਸੀਂ ਆਪਣੇ ਵਿੱਚ ਇਸ ਸਮੱਸਿਆ ਸੰਬੰਧੀ ਕੀ ਤਬਦੀਲੀ ਲੈ ਕੇ ਆਓਗੇ? ਤੁਹਾਡੀ ਤਬਦੀਲੀ ਸਮਾਜ ਵਿੱਚ ਕੀ ਬਦਲਾਵ ਲਿਆ ਸਕਦੀ ਹੈ? ਆਪਣੇ ਵਿਚਾਰਾਂ ਨੂੰ ਖੁੱਲ੍ਹ ਕੇ ਸਾਂਝਾ ਕਰੋ।

ਭਾਗ ਹ ਰਚਨਾ ਕਰੋ (Create) 28

10. ਕੋਵਿਡ-19 ਬਨਾਮ ਰਾਜਨੀਤੀ (**Covid-19 vs Politics**) ਵਿਸ਼ੇ ਨੂੰ ਅਧਾਰ ਬਣਾ ਕੇ ਆਮ ਜਨਤਾ ਤੇ ਇਸ ਦੇ ਪੈ ਰਹੇ ਬੁਰੇ ਪ੍ਰਭਾਵ ਸੰਬੰਧੀ ਆਪਣੇ ਵਿਚਾਰ ਸਾਂਝੇ ਕਰਦੇ ਹੋਏ ' ਜੇ ਮੈਂ ਪ੍ਰਧਾਨ ਮੰਤਰੀ ਹੁੰਦਾ' ਲੇਖ ਲਿਖੋ। (10)

11. ਆਪਣੇ ਇਲਾਕੇ ਦੇ ਲੋਕਾਂ ਦੀ ਸਿਹਤ ਜਾਂਚ ਕਰਨ ਲਈ ਹਰ ਮਹੀਨੇ ਇੱਕ ਕੈਂਪ ਲਗਾਉਣ ਲਈ ਅਰੋਗਤਾ ਵਿਭਾਗ ਦੇ ਡਾਇਰੈਕਟਰ ਨੂੰ ਇੱਕ ਬਿਨੈ ਪੱਤਰ ਲਿਖੋ। (10)

12. ਹੇਠ ਦਿੱਤੀ ਤਸਵੀਰ ਦੇ ਅਧਾਰ ਤੇ ਆਪਣੇ ਵਿਚਾਰ ਸਾਂਝੇ ਕਰੋ। (8)



अमृत इंडो कैनेडियन अकादमी

कक्षा-दसवीं ग्रीष्मावकाश गृहकार्य

अ.अंक-100

प्रश्न 1- निम्नलिखित बहुविकल्पी प्रश्नों के उत्तर दीजिए-

4

अंधियारा और दीपक किस के प्रतीक हैं-

(क) रात और दिन (ख) अज्ञान और ज्ञान (ग) दोष और गुण

2. बड़े भाई साहब छोटे भाई से उम्र में कितने बड़े थे-

(क) 5 वर्ष (ख) 8 वर्ष (ग) 3 वर्ष

कथावाचक और हरिहर काका के बीच क्या संबंध था-

(क) प्रेम का संबंध (ख) खून का संबंध (ग) लेन-देन का संबंध

4. ईश्वर के लिए दीनबंधु शब्द प्रयोग हुआ है क्योंकि-

(क) वह गरीबों की भी सुनते हैं (ख) वे धार्मिक लोगों की सुनते हैं (ग) वे किसी की नहीं सुनते

प्रश्न 2- निम्नलिखित अति लघुउत्तरीय प्रश्नों के उत्तर दीजिए-

6

बड़े भाई साहब छोटे भाई से हर समय पहला सवाल क्या पूछते थे?

कथानायक की रुचि किन कार्यों में थी?

कबीर स्वयं को दुखिया क्यों कहते हैं? वह जागते क्यों रहते हैं?

प्रीत का अक्षर पढ़ लेने से पंडित कैसे बना जा सकता है?

हरिहर काका और उनके भाइयों के पास कितनी जमीन थी?

हरिहर काका के घर में शहर से कौन आया था?

प्रश्न 3- निम्नलिखित लघुउत्तरीय प्रश्नों के उत्तर दीजिए-

18

हरिहर काका को महंत और अपने भाई एक ही श्रेणी के क्यों लगने लगे

2. मनुष्य मात्र बंधु है से आप क्या समझते हैं स्पष्ट कीजिए-

3. छोटे भाई ने बड़े भाई साहब के नरम व्यवहार का क्या फायदा उठाया?

4. अपने स्वभाव को निर्मल रखने के लिए कबीर ने क्या उपाय सुझाया है?

5. हरिहर काका के मामले में गांव वालों की क्या राय थी और उसके क्या कारण थे?

6. बड़े भाई साहब को अपने मन की इच्छाएं क्यों दबानी पड़ती थी?

प्रश्न 4- निम्नलिखित मूल्य परक प्रश्नों के उत्तर दीजिए-

20

इम्तिहान पास कर लेना कोई चीज नहीं असल चीज है बुद्धि का विकास। इस पंक्ति का आशय स्पष्ट कीजिए।

2. कण-कण में व्याप्त होने पर भी ईश्वर क्यों दिखाई नहीं देता?

3. मनुष्यता कविता के माध्यम से कवि क्या संदेश देना चाहता है?

4. समाज में रिश्तो की अहमियत पर अपने विचार प्रकट कीजिए।

प्रश्न 5- निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए-

11

अच्छा नागरिक बनने के लिए भारत के प्राचीन विचारकों ने कुछ नियमों का प्रावधान किया है। इन नियमों में वाणी और व्यवहार

की शुद्धि, कर्तव्य और अधिकार का समुचित निर्वाह, शुद्धतम पारस्परिक सद्भाव, सहयोग और सेवा की भावना आदि नियम बहुत महत्त्वपूर्ण माने गए हैं। ये सभी नियम यदि एक व्यक्ति

के चारित्रिक गुणों के रूप में भी अनिवार्य माने जाएँ तो उसका अपना जीवन भी सुखी और आनंदमय हो सकता है। इन सभी गुणों का विकास एक बालक में यदि उसकी बाल्यावस्था से ही किया जाए तो वह अपने देश का श्रेष्ठ नागरिक बन सकता है। इन गुणों के कारण वह अपने परिवार, आस-पड़ोस, विद्यालय में अपने सहपाठियों एवं अध्यापकों के प्रति यथोचित व्यवहार कर सकेगा। वाणी एवं व्यवहार की मधुरता सभी के लिए सुखदायी होती है, समाज में हार्दिक सद्भाव की वृद्धि करती है किंतु अहंकारहीन व्यक्ति ही स्निग्ध वाणी और शिष्ट व्यवहार का प्रयोग कर सकता है। अहंकारी और दंभी व्यक्ति सदा अशिष्टवाणी और व्यवहार का अभ्यास होता है। जिसका परिणाम यह होता है कि ऐसे आदमी के व्यवहार से समाज में शांति और सौहार्द का वातावरण नहीं बनता। जिस प्रकार एक व्यक्ति समाज में रहकर अपने व्यवहार से कर्तव्य और अधिकार के प्रति सजग रहता है, उसी तरह देश के प्रति भी उसका व्यवहार कर्तव्य और अधिकार की भावना से भावित रहना चाहिए। उसका कर्तव्य हो जाता है कि न तो वह स्वयं कोई ऐसा काम करे और न ही दूसरों को करने दे, जिससे देश के सम्मान, संपत्ति और स्वाभिमान को ठेस लगे। समाज एवं देश में शांति बनाए रखने के लिए धार्मिक सहिष्णुता भी बहुत आवश्यक है। यह वृत्ति अभी आ सकती है जब व्यक्ति संतुलित व्यक्तित्व का हो।

(क) समाज एवं राष्ट्र के हित में नागरिक के लिए कैसे गुणों की अपेक्षा की जाती है?

(ख) चारित्रिक गुण किसी व्यक्ति के निजी जीवन में किस प्रकार उपयोगी हो सकते हैं?

(ग) वाणी और व्यवहार की मधुरता सबके लिए सुखदायक क्यों मानी गई है?

(घ) मधुर वाणी और शिष्ट व्यवहार कौन कर सकता है, कौन नहीं और क्यों?

(ङ) देश के प्रति व्यक्ति का व्यवहार और कर्तव्य कैसा होना चाहिए?

(च) गद्यांश का उचित शीर्षक बताइए।

प्रश्न 6- निम्नलिखित पद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए-

3

अभी न होगा मेरा अंत

अभी-अभी ही तो आया है।

मेरे वन में मृदुल वसंत, अभी न होगा मेरा अंत।

हरे-हरे ये पात,

डालियाँ, कलियाँ, कोमल गात।

मैं ही अपना स्वप्न-मृदुल-कर

फेरूंगा निद्रित कलियों पर

जगा एक प्रत्यूष मनोहर

पुष्प-पुष्प से तंद्रालस लालसा खींच लूँगा मैं,

अपने नवजीवन का अमृत सहर्ष सींच दूँगा मैं,

द्वार दिखा दूँगा फिर उनको,

हैं मेरे वे जहाँ अनंत

अभी न होगा मेरा अंत।

(क) कवि क्यों कहता है, अभी न होगा मेरा अंत'?

(i) अधिक जीना चाहता है। (ii) जीवन के वसंत को भोगना चाहता है। (iii) मीठे सपनों में खो जाना चाहता है।

(ख) जीने की चाह के पीछे कवि का मंतव्य है कि वह

(i) नए-नए पादपों की कलियाँ निहारेगा (ii) जीवन रूपी वन में वसंत को सजाएगा (iii) पौधों को

सींचकर फूल खिलाएगा

(ग) फूलों से कवि आलस क्यों खींच लेना चाहता है?

(i) उन्हें सुगंधित करने के लिए। (ii) उन्हें नया जीवन देने के लिए (iii) उन्हें सहर्ष भेंट करने के लिए

प्रश्न 7- निम्नलिखित शब्दों के वर्ण-विच्छेद लिखिए- 6

भाग्यहीन, सनाथ, परिवार, आचरण, विशेषता, समानता

प्रश्न 8- निम्नलिखित मुहावरों का अर्थ बताइए- 3

लाल पीला होना

(क) रंग बदल जाना (ख) क्रोध करना (ग) होली खेलना

हाथ मलना

निराश होना (ख) ठंड लगना (ग) खुजली होना

दांत खट्टे करना

(क) भगा देना (ख) नींबू खाना (ग) हरा देना

प्रश्न 9- निम्नलिखित वाक्यों को शुद्ध करके लिखिए- 5

1. उसने यह कार्य करके नहीं दिया।
2. वह पढ़ने में कमजोर है।
3. उसके पास केवल मात्र एक ही कलम है।
4. मुझे एक पानी का गिलास दो।
5. मालिक ने नौकर को नौकरी से भगा दिया।

प्रश्न 10- निर्देशानुसार कीजिए- 4

1. शब्द की परिभाषा उदाहरण सहित लिखिए।
2. शब्द और पद में अंतर स्पष्ट कीजिए। उदाहरण भी दीजिए।

प्रश्न 11- निम्नलिखित विषय पर एक अनुच्छेद लिखिए- 5

(बच्चों की शिक्षा में माता-पिता की भूमिका)

संकेत बिंदु- शिक्षा और माता-पिता, शिक्षा की महत्ता, उत्तरदायित्व, शिक्षा-विहीन पशु समान

प्रश्न 12- अपने विद्यालय के प्रधानाचार्य को प्रार्थना पत्र लिखिए जिसमें गणित एवं विज्ञान की अतिरिक्त कक्षाएं

आयोजित करवाने का अनुरोध किया गया हो इसके लिए उचित कारण का भी उल्लेख कीजिए। 5

प्रश्न 13- आपके पास के गांव में कृषि योग्य भूमि पर फैक्ट्रियां लगाई जा रही हैं। इससे किसानों की भूमि और

रोजी-रोटी छीन रही है। इस संबंध में दो मित्रों राम और संजीव के बीच संवाद लिखिए। 5

प्रश्न 14- 'प्रकाश' एल* ई* डी* बल्ब के लिए एक विज्ञापन तैयार कीजिए। 5

AMRIT INDO CANADIAN ACADEMY
CLASS-X
COMPUTER HOIDAYS HOMEWORK ASSIGNMENT
PART-A(40 marks)

Ques 1:-Fill ups

(10 marks)

Header option is available under _____ group in insert tab.

_____ are used to identify which type of data we are going to store in the database.

A _____ is a set of data values of a particular simple type, one for each row of the table

A _____ enables users to view, enter and change data directly in database objects such as tables.

_____ are the building blocks of a database.

To open embedded document, _____ it.

The computer where your blog is stored is called the _____.

To protect data from unauthorized access is known as data _____

A _____ is a set of data values of a particular simple type, one for each row of the table.

A _____ is a part of DML involving information retrieval only.

Ques 2:Multiple choice question: (4 marks)

Microsoft excel is a type of _____ database.

Flat file database

Relational database

Both

None

Which of these is not a valid category of SQL commands?

DDL

DML

TCL

DML

Which data type has the largest storage capacity?

Text

Hyperlink

Memo

Attachment

A field_____ determines the type of value or character it will store in it.

Data type

Position

Size

none

Ques 2:- Question/Answers

What is the purpose of Internet security?

1

What is Open Office?

1

What do you understand by SQL?

1

Name Some Websites name which provides free Clip arts?

3

What is MS word2007? List new features of Ms-word 2007.

3

7. What do you understand by the term IM? List any five application based instant messaging software.

3

8. Explain the purpose of an offline blog editor.

3

9.Explain any three character formatting options in a word document.

3

10 What is DDL and DML? Give one example of each

3

11. Write a query to create a Table with the following structure

5

Table product

Field	Datatype
PID	Char(4)
Pname	Varchar(20)
Description	Varchar(40)
Price	Decimal

PART-B (20 MARKS)

Ques 1:-Fill in the blanks:- (4 MARKS)

Default tab stop position is_____.

Selecting the _____ view shows calendar for a month.

You categorize appointments in the time management software by giving specific _____ to appointments.

A _____ creates a timeline of transactions that can be linked to a contact.

Ques 2:- Multiple choice Questions (2 MARKS)

On which tab does the paragraph dialog launcher exist?

Page tab

View tab

Home tab

Insert tab

The default line spacing for most quick style sets is _____

1.0

1.25

1.50

1.15

Name the key which on pressing closes the header section.

Exit header/footer

Close header/footer

Close header and footer

Exit header and footer

Maintaining and assuring the accuracy and consistency of data is called _____

Data cleansing

Data compiling

Data integrity

Data manipulation

Ques 3:-Question/Answers (14MARKS)

Q.ues 1:-A table from the computer course database is given below. Answer the following questions based on this table:

5

Tutorial_id	Title	Category
1.	Access Tutorial	Software
2.	Excel Tutorial	Software
3.	Database Design Tutorial	Software
4.	Oracle DBA Course	Software

5.	Raid Storage Tutorial	Hardware
6.	Network Security Tutorial	Hardware

What is the total number of records in the table?

What is the total number of fields in the table?

What is the title of the record with the category 'networks'?

Which category has the maximum number of records?

Identify the primary key?

Ques 2. Discuss about the utility of mail merge in real life.

1

Ques 3. What do you mean by blog? Why do we need a blog ?

3

Ques 4. What is the difference between (a) DBMS and RDBMS and (b) primary key and foreign key ?

5

PART-C15 marks

Ques. Multiple choice questions:

1. When a person is harassed repeatedly by being followed, called or be written to he/she is a target of ____ . Why? 1

- (a) Bullying b) Identity theft c) Stalking d) Phishing

2. Which of the following fields is NOT suitable for a primary key? Why?

1

- A) An autonumber field
 B) A student's registration number
 C) Bank account number
 D) Date of birth

Ques3.: Given below is a snapshot of a table. Identify which fields can be designated as primary key and unique keys? Why?

1

Emp-id	Fname	Lname	Email
MK101	Vikas	Kumar	arvind@mkworld.com
MK102	Bhanu	Sharma	Bhanu@mkworld.com
MK103	Vinay	Kapoor	vinay@mkworld.com
MK104	Nitin	Arya	Nitin@mkworld.com

- A)

Primary key – Fname
Unique keys - Emp-id, Fname
- B)

Primary key - Emp-id
Unique keys - Emp-id, Email
- C)

Primary key – Email
Unique keys - Fname, Lname
- D)

Primary key – Fname

Unique keys - Emp-id, Email

Ques4: Given here is a hyperlink: www.sofworld.org. Which key should you press to follow the hyperlink to go to the actual web page shown by the hyperlink? Why?

1

- A) Alt + right click the mouse
- B) Alt + left click the mouse
- C) Ctrl + left click the mouse
- D) Ctrl + right click the mouse

Ques5: While saving a document, you can directly "Save to Web". To save a document to the web, you should have _____.

1

- A) An e-mail client configured on your machine
- B) A SharePoint connection
- C) Licensed version of multimedia plug-in
- D) Windows Live ID

Ques6: Which of the following features should you use to print the following content at the bottom of every page in a document? Why

- Revision Date

- Copyright Message

- Author

- A) Header
- B) Repeat table column headings to appear on every page
- C) Endnotes
- D) Footer

1

Question 1. Read the following paragraph. Find six network and communication related abbreviations and give their expanded form along with a single-line definition of each of them. CBSE 2011

The RBI is planning to expand its connectivity with all major banks of India. The plan includes providing TCP connectivity through HTTP for easy access points and seeks help from some ISPs to join hands in this venture.

Also, there is a plan to set-up IIS and SMTP servers. Some banks will go for ADSL line while others will use leased line connectivity to access these services.

The RBI is also taking help of IIT professors in this venture.

3

Q2: State any 03 rules and etiquettes to be followed while chatting on the Internet.

3

Q3 -What are the basic needs to use instant messaging (chat) softwares.

3

Part -D (15marks)

Q1:Can we use a URL to access a web page.

1

Q27: Explain the different types of tabs available in MS word 2010

3

Q4: Many organization uses both Internet and Intranet .Give some differences between Intranet and Internet3

Q5. How to save a document as pdf document?

3

Q6:Define database management system.Write two advantages of using database management system for schools .

5

PART- E (10 MARKS)

Ques1. Mr. Augusty owns a factory which manufactures automobile spare parts. Suggest him the advantages of having a Web page for his factory.

5

Ques2: Nick connects to the internet at home using a laptop computer with a a wireless connection.Nick is going to change to a desktop computer using a 1 Gbps Ethernet cable connection. What would be result of making these changes? What would be your suggestion to Nick about this change?

5

3

PHYSICAL EDUCATION

1. Athletics (compulsory)

Note:

Proper measurement of every events area.

Draw 400 and 200 m tracks

Circle area measurement of shootout, discuss court, javelin throw

Measurement of long jump and high jump

Write down every event of Athletics

2. Do any one game

Handball

Kho kho

Kabbdì

Yoga

Section A

Each question carries 1 mark

NSE stands for _____

NEAT stands for _____

SEBI stands for _____

What is depository?

Name the Indexes of securities market.

Section B

Each question carries 3mark

What will you do with your idle savings?

Briefly explain what do you mean by interest.

Fill in the blanks

a) ____ Shares represents the form of ownership in business venture.

b) ____ shares issued by the companies to their shareholders free of cost, based on the number of shares the shareholders own.

c) Owners of ____ type of shares are entitled to a fixed dividend.

Section C

Each question carries 4mark

Difference between primary and secondary market.

Who are the participants in debt market?

Who is a broker in the securities market? What is limit of the commission he can charge?

What is screen based trading?

Section D

Each question carries 5mark

Attempt any Four

In the financial market there are short term investment options. Mention these options.

What is the role of Stock exchange in buying and selling the shares?

What care should be taken while investing in financial markets?

What factors determine the interest rate in the market?

There are different options available in the financial market for long term investments. Explain