

XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Art

F.M-25
Time: 1 ½ hrs.

Q. Draw the Drawing and Colour it with oil pastel.



XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:-Biology

F.M-80
Time: 2 hrs.

SECTION A {40 MARKS}
ATTEMPT ALL QUESTIONS FROM THIS SECTION:

- Q1a. Name the following: [10]
1. Father of microbiology
 2. Rearing of honey bees
 3. A positive interaction
 4. The artery which carries deoxygenated blood
 5. Common breed of buffalo found in Gujarat
 6. Indigenous breed of poultry of India
 7. A membrane which separates the heart vertically
 8. The receiving chambers of human heart
 9. Artery which supplies oxygenated blood to the heart
 10. An abiotic component of an ecosystem
- b. Define the following terms: [10]
1. Food Pyramids
 2. Lymph
 3. Double circulation of blood
 4. Horticulture
 5. Food Web
 6. Sericulture
 7. Blood transfusion
 8. Animal husbandry
 9. Ecosystem
 10. Cardiac arrest
- c. Differentiate between the following pairs: [5]
1. Pets and livestock
 2. Milch animals and draught animals
 3. Aquaculture and pisciculture
 4. Flora and Fauna
 5. Hypertension and Heart attack
- d. State one important function of: [5]
1. Capillaries
 2. Lymph
 3. Decomposers
 4. Lichens
 5. Yeasts
- e. Give two examples of: [5]
1. Exotic breeds of poultry of India
 2. Predation
 3. Nitrogen fixing Bacteria
 4. Breeds of goat found in India.
 5. Cross breeds of cows of India.
- f. Draw a well-labeled diagram of “Schematic representation of double circulation of blood in the human body.” [5]

SECTION-B [40 marks]**ATTEMPT ANY FOUR QUESTIONS FROM THIS SECTION:**

- Q2a. Describe an experiment to show that the plant loses water through its leaves. [3]
- b. Name any two “Macro-nutrients” and two “Micro nutrients” needed by plants. [2]
- c. State three differences between “Xylem” and “phloem”. [2]
- d. Draw a highly magnified view of a root hair. [2]
- Q3a. State the exact location of: [5]
1. Tracheids
 2. Ovaries
 3. Bicuspid valve
 4. Sieve tubes
 5. Cowper’s gland
- b. Define “Blood Donation” and “Blood bank”. [2]
- c. State three ways by which we can keep our heart healthy. [3]
- Q4a. Study the diagram given below and answer the following questions: [5]



- i. Name the artery which takes blood away from heart to different parts of body.
 - ii. Label the parts 1 to 6
 - iii. Which type of blood flows through “2”?
 - iv. Name the membrane that covers the heart.
 - v. State the function of the part labeled “5”.
- b. Give reasons for the following: [5]
1. The walls of ventricles are thicker than the auricles.
 2. Softness of bread.
 3. Curdling of milk.
 4. Raisins swell when put in rain water.
 5. The milk of goat is generally preferred for children.
- Q5a. Write short notes on: [5]
- i. Green Revolution
 - ii. White revolution

b. Draw a well-labeled diagram of:

[5]

- i. Bacteria
- ii. Yeast

Q6a. Explain the internal structure of the human heart.

[3]

b. Veins are visible as bluish – green lines through the skin. Why?

[1]

c. Why do people believe that heart is located on the left side of the thoracic cavity, though it is located in the middle? [1]

d. Study the following experimental set-up and answer the questions that follow:

[5]

i. Name the process being studied in the above experiment.

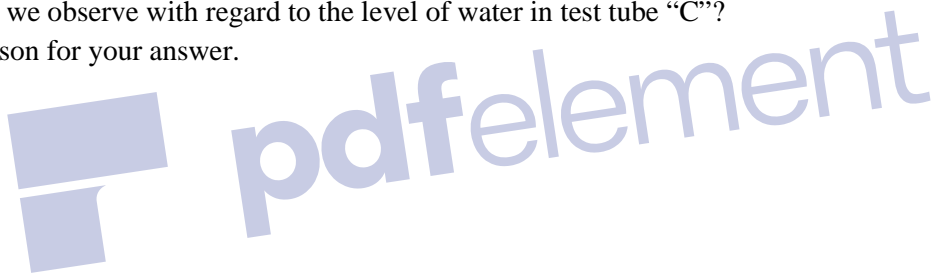
ii. Why do the leaves shriveled up in test tube “D”?

iii. Why the water level remains unchanged in test tube “A”?

iv. Why is oil placed over water?

v. What do we observe with regard to the level of water in test tube “C”?

Give reason for your answer.



XAVIER SCHOOL, GAMHARIA

3rd Term Exam-2018-19

Class: VIII
Sub:- Chemistry

F.M-80
Time: 2 hrs.

Section. A

- 1) Name the following. (1×5=5)
 - a) _____ prepared the hydrogen gas.
 - b) In redox reaction oxidation and reduction occur _____.
 - c) A mixture of common salt and ice _____.
 - d) The sticky substance formed when soap is added to hard water is _____.
 - e) Commercially, hydrogen is prepared by _____ process.

- 2) Write true or false. Correct the false statement. (1×5=5)
 - a) Hydrogen molecule is monovalent
 - b) Vinegar and alcohol are example of immiscible liquids.
 - c) Formula of blue vitriol is $MgSO_4 \cdot 7H_2O$
 - d) A mixture of 95% oxygen and 5% carbon dioxide is called LOX.
 - e) In graphite each carbon atom is linked with neighbouring carbon atom forming tetrahedral arrangement.

- 3) Name the following. (1×5=5)
 - a) The process in which oxygen is added or hydrogen is removed.
 - b) A metallic oxide which can be reduced into metal by hydrogen.
 - c) The gas produced when fossil fuel is burnt.
 - d) Diamond bearing rocks.
 - e) Trade center country of costly diamond in the world today.

- 4) Complete and balance the reactions. (1×5=5)
 - a) $CuO + CO - \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
 - b) $K + H_2O - \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
 - c) $H_2 + S - \underline{\hspace{2cm}}$
 - d) $Zn + \underline{\hspace{2cm}} - \underline{\hspace{2cm}} - ZnCl_2 + H_2$
 - e) $SO_2 + H_2O - \underline{\hspace{2cm}}$

- 5) Differentiate (two points) (2×2=4)
 - a) Solution and suspension
 - b) Soft water and hard water

- 6) Match the following. (1×5=5)

Column A.	Column B
a) A product of incomplete burning.	a) $FeCl_3$
b) Nature of carbon monoxide.	b) Hopcolite
c) A mixture of metallic oxide.	c) combustible gas
d) Carbon monoxide.	d) carbon monoxide
e) Deliquescent substance.	e) highly poisonous

- 7) Define the following. (2×5=10)
 - a) Allotropy
 - b) Catenation
 - c) Hygroscopy
 - d) Crystal
 - e) Redox reaction

- 8) Write metal reactivity series. (1)

Section B (40 marks)
Attempt any 4 sets of questions.

Q1.

- a) Though hydrogen is lighter than air it can't be collected by downward displacement of air. Give reason. (2)
- b) Define 'water of crystallization' give two example with formula. (2)
- c) What are the main causes of water pollution? how can it be controlled? (3)
- d) It is difficult to cook in hills as compared to plains. Why? (3)

Q2.

- a) On opening a bottle of a cold drink, a fizz sound is heard give reason. (2)
- b) Icebergs float on ocean water? give reason. (2)
- c) What are fullerenes ? Name the most common fullerene. (3)
- d) Explain the reducing action of carbon monoxide with example. (3)

Q3.

- a) Why is carbon monoxide called the silent killer. (2)
- b) Why is graphite a good conductor of electricity not diamond? (2)
- c) Give a balanced chemical equation for the reaction of water with 1) Fe 2)Na₂ O (3)
- d) What do you observe when washing soda is exposed to air? (3)

Q4.

- a) Water pipes burnt in severe winters. Give reason. (2)
- b) A pop sound is heard when hydrogen gas is burnt. Give reason. (2)
- c) How would you show that hydrogen is a non supporter of combustion. (3)
- d) How does anomalous expansion of water help the aquatic organisms in cold climates? (3)
- a) What is the effect on boiling point of water when impurity is added? (2)
- b) Write the formula of Epsom salt and white vitriol. (2)
- c) Give one example of each :- (3)
- i. Colloids
 - ii. Solvent other than water
 - iii. Hydrated substances
- d) Draw a well labelled diagram of carbon cycle. (3)

XAVIER SCHOOL, GAMHARIA

3rd Term Exam-2018

Remove Watermark Now

Class: VIII

F.M-60

Sub:- Computer Application

Time: 2 hrs.

General Instructions

- This question paper is divided into two sections.
- Attempt all questions from Section A and any four questions from section B.
- The intended marks for questions or parts of questions are given in brackets [].

Section A (20 Marks)

Attempt all questions.

Question 1 Fill in the blanks:

[10x1=10]

- The java programming language is anlanguage.
- Ais a blueprint that defines data and functions common to all objects of certain kind.
- is a process of assigning some initial value to a variable.
- An IP address is a bit address containing a set of four numbers, which varies from 0 to 255.
- The set of rules that determines how data should be transferred over networks, compressed, and presented on the screen is called.....
- Ais a computer network that covers a small area of about 10 meters.
- Hypertext appears with an underline and is usually incolour.
- software is a set of programs designed to perform specific type of job.
- The ability to perform more than one task together at one time is called.....
- is a father of the Java programming language.

Question 2 State whether the following statements are True or False:

[5x1=5]

- Operating System acts as a central coordinator between the user and the software.
- Every java Statement must end with a colon.
- While comparing two variables, their data types should not be the same.
- A keyword is a named location in the memory, which stores data temporarily.
- The smallest meaningful element of a java program is called a class.

Question 3 Define the following terms:

[5x1=5]

- (a) Modem (b) RTOS (c) Abstraction (d) Polymorphism (e) Inheritance

Section B (40 Marks)

Attempt any four questions from this section.

Question 4

[10]

- What is class in java? [2]
- What are variable? How are the different from constants? [2]
- What is identifier in java? Write rules for naming identifiers. [3]
- Define objects. Give two real life examples to explain objects along with their attributes and behaviour.

Question 5 [10]

- (a) Define hardware and software. [2]
- (b) While conducting a lecture on the types of operating system, Mohit's instructor asked him to name an operating system that is used when the time span required to react to an input is rigid and time bound. Can you help Mohit in answering question? [2]
- (c) What are the advantages of GUI over CUI? [3]
- (d) What is System software? How many categories can it be classified? [3]

Question 6 [10]

- (a) What is the role of transmission medium in a computer network? [2]
- (b) Mr. Nanda is opening a new branch of his office in Noida. He wants to connect the computers of this branch with the computers of his home branch at Panchkula. Which networking type best suits his requirement? [2]
- (c) What is a coaxial cable? Differentiate between broadband and baseband coaxial cable. [3]
- (d) What is the role of a Gateway in computer networks? [3]

Question 7 [5x2=10]

- (a) Write a program in java to take two numbers and swap the numbers.

Sample Input : A = 10 , B = 20

Sample Output : A = 20 , B = 10

- (b) Write a program in java to take a three digit number and find the sum of each digit and print the sum.

Sample Input : No = 348

Sample Output : Sum = 15

Question 8 [10]

- (a) Which are the Java identifiers invalid and why? [2]
i) Sum@12 ii).School address iii) 2Name iv) int
- (b) Arrange the following data type according to their sizes. [2]
i) double ii) boolean iii) char iv) int
- (c) Arrange the following operators according to higher to lower precedence. [2]
i) % ii) () iii) + iv) ++
- (d) Write a program in java to find the area and circumference of a circle whose radius is 12 cm. [4]
Area of circle = πr^2
Circumference of a circle = $2 \pi r$
Where r is the radius of the circle and π is 3.142.

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Class: VIII

F.M-80

Sub:- English Language

Time: 2 hrs.

- Q.1. Write a composition not exceeding 300 words on any one of the following topics: (20)
- Give your views either for or against the statement, "Luck is more important than hard work."
 - Write a short story on the theme, "Look before you leap."
 - My crazy neighbours.

- Q.2. Write a letter to your friend who is coming to Jamshedpur for the first time giving him some idea what to expect during his visit. (10)

- Q.3. A. Read the following passage and answer the questions that follow: (10)

Children are texting, tapping and typing on keyboards more than ever, leaving less time to master that old-fashioned skill known as handwriting. So will the three "T's" replace a building block of education? It's not likely. The benefits of gripping and moving a pen or pencil reach beyond communication. Emerging research shows that handwriting increases brain activity, hones fine motor skills, and can predict a child's personality.

"For children, handwriting is extremely important. Not how well they do it, but that they do it and practice it," said Karin Harman James, an assistant professor in the department of psychological and brain sciences at Indiana University. Here's how handwriting makes its mark:

Handwriting can change how children learn and their brains develop. Indiana University researchers used neuroimaging scans to measure brain activation in preliterate preschool children who were shown letters. One group of children then practised printing letters; the other children practised seeing and saying the letters. After four weeks of training, the kids who practised writing showed brain activation similar to an adult's, said James, the study's lead researcher. The printing practice also improved letter recognition, which is the No. 1 predictor of reading ability at age 5.

Good handwriting can mean better grades. Studies show that the same mediocre paper is graded much higher if the handwriting is neat.

Handwriting is faster. Researchers who tested second-, fourth- and sixth-graders found that children compose essays more prolifically — and faster — when using a pen rather than a keyboard. In addition, fourth- and sixth graders wrote more complete sentences when they used a pen, according to the study, led by Virginia Berninger, a University of Washington professor of educational psychology who studies normal writing development and writing disabilities. Her research also has shown that forming letters by hand might engage our thinking brains differently than pressing down on a key.

Handwriting aids memory. If you write yourself a list or a note — then lose it — you're much more likely to remember what you wrote than if you just tried to memorize it, said occupational therapist Katya Feder, a professor at the University of Ottawa School of Rehabilitation.

Handwriting proficiency inspires confidence. The more we practice a skill such as handwriting, the stronger the motor pathways become until the skill becomes automatic. Once it's mastered, children can move on to focus on the subject, rather than worry about how to form letters.

Handwriting engages different brain circuits more than keyboarding. The contact, direction and pressure of the pen or pencil send the brain a message.

- What are the three T's mentioned in the first paragraph?
- How can handwriting aid memory?
- Why are children with good handwriting more confident than those who don't possess this skill?
- How is the brain engaged while writing?
- List two advantages of handwriting?

B. Write a summary of the above passage in 60 words. (8)

C. Make sentences with: a. predict b. recognition (2)

Q. 4. Fill in the blanks with suitable prepositions. (4)

- i. Deepak lives ____ the ground floor.
- ii. The road has been _____ repair for two weeks.
- iii. Dr. Paul has left and will be away ____ 6p.m.
- iv. I like stories _____ happy endings.
- v. What are you thinking _____?
- vi. The fire was put ____ by the firemen.
- vii. He is confined ____ bed.
- viii. Only graduates are eligible ___ for the post.

Q. 5. Fill in the blanks with the correct form of the verbs given in brackets. (6)

- i. Amit always _____ to school on time. (come)
- ii. She normally _____ an umbrella but today she _____ a hat. (carry, wear)
- iii. If we _____ at 8 a.m. we _____ by 10a.m. (start, reach)
- iv. I _____ my raincoat because it is likely to rain. (carry)
- v. The old man _____ as he _____ the street. (fall, cross)
- vi. By the time you return, I _____ washing the clothes. (finish)

Q.6. Do as directed: (20)

- i. You can have the cake. You can have the ice cream. (Join the sentences using BOTH)
- ii. "Are you sure this is our new teacher?" Jack asked Ben. (Begin: Jack asked....)
- iii. My father cannot speak English. My mother cannot speak English either. (Begin: Neither....)
- iv. We had gone to the cinema and then for lunch. (Begin: After.....)
- v. The house was very old. It was falling apart. (Rewrite using so...that)
- vi. She is the best singer in the school. (Begin: No other....)
- vii. The mountains are so steep that no one climbs them. (Rewrite using 'too')
- viii. You will not get better if you do not see a doctor. (Begin: Unless....)
- ix. We will have to leave when it is time. (Begin: As soon as....)
- x. No one can open the safe except Rohan. (Begin: Except.....)

XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- English Literature

F.M-80
Time: 2 hrs.

Q1. Give the meaning of: - (15)

- | | | |
|----------------|-----------------|------------------|
| 1) Ocean liner | 6) brutality | 11) Wrath |
| 2) Plagued | 7) fanatical | 12) Stole |
| 3) Ominous | 8) Petty spite | 13) foe |
| 4) Regime | 9) Outraged | 14) beheld |
| 5) Ecstatic | 10) Intimidated | 15) Outstretched |

Q2. Explain: - (10X3=30)

1. I was angry with my foe
2. And I sunned it with smiles
3. My foe outstretched beneath the tree
4. And I watered it in fears
5. Now thanks to the soft-spoken athlete his plays had come to nought.
6. Where knowledge is free
7. Where the mind is led forward by thee
8. Where the mind is without fear
9. a family picnic to Qutb Minar
10. How much of the past is still left.

Q3. Answer in brief :- (10X3= 30)

1. State some of the Mughal cuisines.
2. How were the women during that time?
3. How was the journey by train to Delhi?
4. How is the City of Delhi described?
5. What tends to weaken our reasoning ability?
6. What kind of India does Tagore dream of?
7. What was Hitler's intention behind the German Olympics?
8. Describe Jesse Owens .
9. What was Hitler's reaction on Owens' success?
10. Give the main theme of the poem ' The poison tree'.

Q4. Explain the main theme of the poem “Where the mind is without fear” (5)

XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Geography

F.M-80
Time: 2 hrs.

SECTION: A (30 Marks)

- Q1. Define: (10)
- | | |
|-------------------|---------------|
| 1. Ocean Currents | 4. Tides |
| 2. Decomposition | 5. Ozone Hole |
| 3. Global Warming | |
- Q2. Diagrammatic explanation: (10)
1. With the help of a diagram explain the three stages of a river. (3)
 2. Draw a diagram to show neap tide. (2)
 3. Draw a diagram to show layers of atmosphere and label it. (3)
 4. With the help of a diagram show Ox –bow lake. (2)
- Q3. Mark the followings on the world map: (10)
- a. Newfoundland
 - b. Gulf Stream current
 - c. Labrador Current
 - d. Grand banks
 - e. Kuroshio Current
 - f. North Atlantic Drift
 - g. South East Monsoon Drift
 - h. Beneguela Current
 - i. Famous fishing region of Japan.

SECTION: B (50 Marks)
Attempt any five questions:

- Q4. a. What are the main agents of weathering? Name any two. (2)
- b. What is meant by exfoliation? (2)
- c. i. Distinguish between weathering and erosion. (1)
- ii. What is gradation? Name any two agents of gradation. (2)
- d. Give two reason why is chemical weathering more effective in humid regions. (3)
- Q5.a. What causes waves? (2)
- b. How are tides useful? Mention any two. (2)
- c. i. Name two types of movement in ocean water. (1)
- ii. Describe the impact of currents on fishing. (2)
- d. Give reasons why are ports of north Western Europe remain open even during winter. (3)
- Q6. a. Why do tides occur? (2)
- b. What is the Coriolis effect? (2)
- c. i. Name two warm currents of Atlantic Ocean. (1)
- ii. Why does the Alaskan coast remain ice free in winter? (2)
- d. Give reason why is the coast of Newfoundland found dangerous for navigation. (3)

- Q7.a. State the composition of gases in the atmosphere. (2)
- b. Why is the stratosphere found ideal for flying jet aircrafts? (2)
- c. i. Mention two properties of troposphere. (1)
- ii. What will be the effect of global warming in the coastal regions? (2)
- d. The amount of water vapor in the atmosphere varies from place to place.
Give reasons to support your answer. (3)
- Q8.a. What are the causes of ozone depletion? (2)
- b. State two importance of atmosphere. (2)
- c. i. Why does temperature rises in the ionosphere? (1)
- ii. What is greenhouse effect? (2)
- d. Discuss the role of dust particles in the atmosphere. (3)
- Q9.a. How is hydration responsible for weathering of rocks? (2)
- b. What are tsunami waves? How are they caused? (2)
- c. i. Distinguish between Solution and Hydration. (1)
- ii. Describe the role of Peru Current. (2)
- d. The exosphere allows the gas molecules to easily escape into space. Explain. (3)



XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Hindi Language

F.M-80
Time: 2 hrs.

1. निम्नलिखित विषयों में से किसी एक पर 250 शब्दों में निबन्ध लिखें : [15]
क) पुस्तकें – सच्ची मित्र
ख) भूकंप – एक आपदा
ग) स्वच्छ भारत अभियान
घ) काल्ह करे सो आज कर आज करे सो अब
2. निम्नलिखित में से किसी एक विषय पर पत्र लिखें : [10]
क) मलेरिया की रोकथाम के लिए स्वास्थ्य अधिकारी को पत्र लिखें।
ख) आप अपने मित्रों के साथ किसी पर्वतीय प्रदेश की यात्रा के लिए गये थे। वहाँ के प्राकृतिक सौंदर्य का वर्णन करते हुए अपनी माता जी को पत्र लिखें।
3. निम्नलिखित प्रश्नों के उत्तर दें : [1+1+1+2] [5]
क) वर्णों की आवृत्ति को कौन-सा अलंकार कहा जाता है ?
ख) यमक किस प्रकार का अलंकार है ?
ग) अलंकार के कितने भेद हैं ?
4. निम्नलिखित शब्दों के विलोम लिखें :
स्वच्छ , सज्जन , श्वेत , शीत , नायक।
5. निम्नलिखित शब्द-युग्म के अर्थ लिखें : [5]
अरि-अरी, दिन-दिन , शव- शब , बार-वार , कंगाल-कंकाल।
6. रेखांकित शब्दों के पर्यायवाची लिखकर वाक्य पुबारा लिखें : [5]
क) तालाब में कमल खिले हैं।
ख) पर्वत पर पानी और बरफ दोनों हैं।
ग) सूरज के पीले पते में अँधेरा आ गया।
घ) नदी किनारे वृक्ष पर फूल खिले हैं।
7. वाक्यांशों के लिए एक शब्द दें : [5]
क) जो कहा न जा सके
ख) जिसके आने की तिथि न हो
ग) देश में विदेश से माल आना
घ) जो आँखों के सामने न हो
ङ) जीने की प्रबल इच्छा
8. निम्नलिखित मुहावरे का अर्थ स्पष्ट करते हुए वाक्य बनाएं : [10]
घाव पर नमक छिड़कना , गंगा नहाना , टेढ़ी ऊँगली से घी निकालना , चिराग लेकर ढूँढना , तलवे चाटना।

9. निर्देशानुसार वाक्य परिवर्तन करें : [5]
- क) मेरा पत्र आपको मिला। (प्रश्न वाचक)
 ख) शशि गा री और नाच री सरल वाक्य)
 ग) सूर्य भ्रमणशील निषेध वाचक)
 घ) व खाना खाकर सो गया। (मिश्रवाक्य)
 ङ) घंटी बजते ही त्र चले गये। (संयुक्त वाक्य)

10. निम्नलिखित वाक्यों को शुद्ध करके लिखिए : [5]
- क) पंडित नेरू का राष्ट्र आभारी
 ख) मांवी तो चलते तर्क गईं
 ग) मेले में अनेकों पुकानें थीं।
 घ) मैं भी मेरी पुस्तक ले आया।
 ङ) जल्ला करोगे, उतना भरोगे।

11. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़ें और दिए गये प्रश्नों के उत्तर अपने शब्दों में दें : [10]

बनारस मिर्जापुर और इलाहाबाद के घाटों की सुबह इस बात की साक्षी हैं कि मैं और मेरा परिवार पारम्परिक आस्था को सुरक्षित रखने के लिए घाटों पर पहुँच जाया करता था। मेरे माता-पिता उन लोगों में से थे जो मानते हैं कि गंगा स्नान के वक्त साबुन जल पानी का इस्तेमाल अनुचित है उनकी नजरों में यह नदी इतनी पवित्र है कि उसकी एक टुबकी हमारे तन और मन की शुद्धि के लिए पर्याप्त है इसके लिए किसी बाहरी साधन की जरूरत नहीं। दूसरी वजह यह हुआ करती थी कि अगर गन्स में ऐसे ही साबुन लगाकर नोते रहें तो इस पवित्र नदी के मली होने का खतरा बढ़ता जायेगा। यह देखकर खुशी होती कि पौ फटते ही घाट पर जमा असंख्य लोग हमारी तरफ ही सोच रहे होते।

उन दिनों बाल-सुलभ उत्सुकता से पूछता भी कि नालों के आस-पास घाट बने हुए हैं, इनके कचरे से क्या गंगा गंदी नहीं होती? जवाब मिलता, 'नहीं'। हिमालय से ही यह नदी ऐसी जड़ी-बूटियाँ अपने अंदर समाहित करती हुई चलती है कि उसका जल कभी प्रदूषित नहीं होता। यह सच था।

पुर्भाग्यवश हमारी आस्थाओं की माँ, यह नदी, हर रोज प्रदूषित होती जा रही है आज इनके किनारों पर खड़े होकर आप शीतलता नहीं, बल्कि तर-तर की दुर्गंध को मसूस करते हैं। ऋषिकेश के बाँध पर किलोमीटर पर इसकी परम्परागत पवित्रता आ-घात झेलती चलती है।

प्रश्न:

- क) लेखक का परिवार कई बार किन-किन घाटों पर पहुँच जाया करता था ?
 ख) लेखक के माता-पिता किस बात को अनुचित मानते थे ?
 ग) आज गंगा की हालत कसी हो गई है ?
 घ) लेखक को गंगा के प्रदूषित होने के लिए क्या तर्क दिए जाते थे ?
 ङ) अनुचित, आस्था, पवित्रता एवं दुर्गंध के विलोम शब्द लिखें।

XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Hindi Literature

F.M-80
Time: 2 hrs.

किन्ही आठ प्रश्नों का उत्तर दें। गद्य व पद्य दोनों भागों से उत्तर देना निवार्य है।

1. आनि काठ रचु चिता बनाई। मातु नल पुनि दधि लगाई।।
सत्य करपि मम प्रीति सयानी। सुनै को श्रवण सूल सम बानी।।
 क) इन पंक्तियों में किस, किसका मध्य वार्तालाप दो रटा है ? (2)
 ख) इन पंक्तियों में कौन, किसका समझ रटा है? (2)
 ग) उक्त पंक्तियों का आशय स्पष्ट करें। (3)
 घ) निम्न शब्दों का अर्थ लिखें:-
 काठ, नल, श्रवण (3)
2. रामचंद्र गुन बरनै लागा। सुनतपि सीता का दुःख भागा।।
लागी सुनै श्रवन मन लाई। आदिहु तसब कथा सुनाई।।
 क) उक्त पंक्तियाँ किस पाठ से ली गई हैं? इन पंक्तियों का रचनाकार का नाम लिखें। (2)
 ख) रामचंद्र का गुणों का बखान कौन कर रटा है? यका कथा किससे सुनाई जा रटी है? (2)
 ग) काव्य का आधार पर बताएं कि माता सीता का दुःख कौनका क्या कारण था ? उनका दुःख किस प्रकार दूर हुआ? (3)
 घ) पंक्तियों का रचनाकार का परिचय दें। (3)
3. लकिन दुनिया में कुछ ऐसा दृष्टि भी है जहाँ कुछ दिन घूमना बाद आप भारतीय संस्कृति से साँसें भीभूत हो जाँगे। जैसे आप भारत में रटाहुए भी नहीं हो सकेंगे। वहाँ की भाषा, खानपान का तौर- तरीका पारंपरिक भारतीय वस्त्रभूषा और धार्मिक रीति- रिवाज देखकर तो आपको ऐसा लगा जैसा आप भारत में ही हो।
 क) म विदुषी धरती से भावनात्मक जुड़ाव क्यों मसूस नहीं कर पाता? (2)
 ख) ऐसा कौन- सा दृष्टि है जहाँ भारत जैसा मातौल दृष्टि नको मिलता है तथा क्यों? (3)
 ग) उक्त पंक्तियों का आशय स्पष्ट करें। (3)
 घ) निम्न शब्दों का पर्यायवाची शब्द लिखें:-
 वस्त्रभूषा, दुनिया (2)
4. धुंध इतनी अधिक बढ़ गई थी कि दो-तीन पाथ की दूरी पर भी कुछ नहीं दिखाई देता था। बर्फ और कोहरा रोशनी को पूरी तरह ढक लिया था। नत्रा नफिर एक बार मालयूइश को रोकना चाँदा, किन्तु कुछ सोचकर वसुप रग गई।
 क) धुंध काँ बढ़ गई थी? नत्रा कौन थी? (2)
 ख) मालयूइश नत्रा का पास क्यों गया था, वहाँ पहुँचकर उसका खयाल आया? (2)
 ग) मालयूइश का चरित्र-चित्रित कर। (3)
 घ) मालयूइश को नत्रा नफिर रोकना चाँदा? क्या सोचकर वसुप रग गई? (3)
5. फहोशिया नब भी धीरधीर सुबक रटी थी। थोड़ी ही दस में मालयूइश का शरीर में रकत होना लगी। उसका नकडा हुआ शरीर धीरधीर खुलना लगा। यका दसकर वहाँ उपस्थित सभी लोगों का चारों पर र्ष की लार दौड़ गई।
 क) मालयूइश को क्या हुआ था? (2)
 ख) फहोशिया कौन थी? वका क्यों सुबक रटी थी? (2)

- ग) पाठ क्यरचनाकार का नाम लिखतहुए बताएं कि इससणमें क्या शिक्षा दी गई है ? (3)
- घ) मुणवरों का वाक्य में प्रयोग करें:-
 ँर्ष की लणर दौड़ जाना, कलख्णा मुंण को आना, ँथ बँटाना (3)
6. भारतीय भोजन यणों की परंपरा, सांस्कृतिक विविधता और ँ मृततुल्य स्वाद का बख्णोड़ संगम है। इस उपमणद्वीप क्यप्रत्यक् भौगोलिक क्षत्र क्यव्यंजन और उन्हे पकानक्री विधियाँ एक – दूसरसणबिलकुल भिन्न ँना भारतीय व्यंजन की थाली को एक विशिष्ट रूप प्रदान करता है। ँ पनी इसी विशिष्टता क्यकारण भारतीय व्यंजन पूरी दुनियाँ में लोकप्रिय है।
- क) भारतीय व्यंजनों की लोकप्रियता कैसप्रकट ँती है ? (2)
- ख) विदख्णी वयापारी भारतीय व्यंजनों क्यदीवानणो जातअण (2)
- ग) उत्तर भारतीय एवं दक्षिण भारतीय खानक्री क्या खासियत है ? (3)
- घ) पश्चिमी भारतीय व्यंजनों क्यबारणमें आप क्या जानतणै ? (3)
7. उत्तर पूर्ण वाक्य में दें:- (2×5=10)
- क) मॉरीशस कण स्थित है ?
- ख) भारत क्यण लावा और किस दख्ण में ँिंदी राज भाषा क्यरूप में मान्य है?
- ग) फिजी में कौन -सी संस्था भारतीयता की लौ जगानणमें मणत्वपूर्ण भूमिका निभा रणी है?
- घ) मॉरीशस क्यगाँव में कौन – सणभारतीय लोकगायन सुनाई दतणै ?
- ड) कनाडा में किन लोकनृत्यों की गूँज है?
8. भाव स्पष्ट करें :- (5×2 = 10)
- क) सत्य नाम करू ँरु मम सोका।
- ख) फिरि बैठीं मन बिसमय भयऊ।
9. निम्न प्रश्नों क्यउत्तर कम- सणक्रम पाँच वाक्यों में दें :- (5×2=10)
- क) माँ क्यप्रति आप ँ पना सण एवं आदर कैसप्रकट करतणै ?
- ख) ल्योणार किसी भी दख्ण की संस्कृति और सभ्यता का आईना ँतणै -स्पष्ट करें ।
10. टिप्पणी लिखें :- (5×2=10)
- क) ओरिएण्टल कल्चर ँ कादमी
- ख) ँंतरराष्ट्रीय योग दिवस

XAVIER SCHOOL, GAMHARIA

3rd Term Exam-2018-19

Class: VIII
Sub:- History & Civics

F.M-80
Time: 2 hrs.

SEC -A (HISTORY)

- 1) Name the following- (3)
1. 'When you prefer Swadeshi, you must boycott videshi goods.' was said by –
 2. The first session of the congress was presided by –
 3. An act that gave enormous powers to the police to arrest anyone without any reason –
 4. The Congress declared complete or Poorna Swaraj under the Presidentship of –
 5. The Society of Khudai khidmatagars was organised by –
 6. The town Harappa was excavated by –
- 2) Answer in short – (in a sentence) - (7)
- Q1. Who was the Governor General when India became independent ?
 - Q2. What were the battle cry of INA ?
 - Q3. What was the main objective of Dandi March ?
 - Q4. Mention any two sources to reconstruct the Harrapan Civilization .
 - Q5. What does Rigveda contain ?
 - Q6. Mention the Origin of Harappan civilization .
 - Q7. What is Citadel?
- 3) Write short notes on- (5)
- a) Formation and achievement of Swaraj Party – (5)
 - b) Jallianwala bagh massacre – (5)
- 4) Explain in detail – (20)
- Each question carries 5 marks –
- Q1. What do you mean by Nationalism? Explain any four factors for the rise of Nationalism in India ? (5)
- Q2. Harappan Civilisation was a highly developed urban civilization. In this context, explain –
- a) The Drainage system (2)
 - b) The Town planning (3)
- Q3. The Seals provide the most valuable information about Harappan people. With this reference –explain –
- a) The Shiva Pashupati Seal (2)
 - b) Importance of Seals (any three points) – (3)

Q4. Picture study

- a) What is being shown in the picture? (1)
- b) Who are the two people standing in front of the mike? (1)
- c) Who is the lady standing behind? (1)
- d) What is the importance of this event in the history of modern India? (2)

SECTION -B (CIVICS)

- 1) Complete the following – (5)
1. The Supreme Court interprets the ----- of India.
 2. The judges of High Court retire at the age of -----
 3. The Chief Justice and the other judges of the Supreme Court are appointed by -----
 4. Full form of UNSECO is -----
 5. The United Nations was established on ----- in the year -----
- 2) Name the following – (5)
1. The place where library of the WHO is situated –
 2. It aims at improving the condition of workers and promoting social justice –
 3. The present secretary general of the UNO-
 4. Two sets of government –
 5. Example of a state who have a common High Court –
- 3) Match the following – (4)
- | A | B |
|------------------|---|
| 1. Habeas Corpus | orders to public officials for duty. |
| 2. Mandamus | show the power of exercising some rights . |
| 3. Quo –Warranto | order to lower courts to quash an order |
| 4. Certiorari | a person to be physically present before court. |
- 4) State true/false – (2)
1. The Parliament gives a new meaning to the Constitution.
 2. ILO is an agency which tries to promote food for all.

- 5) Define the following – (4)
- a) Judicial Review of Supreme Court
 - b) Veto power of the security council

- 6) Complete the following table- (5)

<u>Organs /Agencies</u>	<u>Headquarters</u>	<u>Year</u>
1. WHO	-----	1948
2. -----	PARIS	1946 .
3. UNICEF	-----	1946.
4. ILO	GENEVA	----- .
5. -----	ROME	1945.

- 7) Answer the following – (15)

Q1. Name the Principal organs of United Nations.

Q2. Explain three achievements of UN.

Q3. Explain the three main functions of WHO.

Q4. What is the need of a Supreme Court in a federal system.

Q5. What are the qualifications for a judge of a high court?



XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Moral Science

F.M-80
Time: 2 hrs.

Answer the following questions:-

- 1) Spend time with god contemplating all the gifts He has showered on you.
 Listen to what he may want you to do in return. Is he calling you to do something for your country and others? What does he want you to do? (10)
- 2) We find people in our locality who are denied of their fundamental rights.
 List a few fundamental rights denied. How can you help these people restore their rights? (10)
- 3) What would you do to promote harmony and the spirit of common brotherhood among all and to renounce practices derogatory to the dignity of women? (10)
- 4) What steps you must take to protect and improve the natural environment including forests, lakes, rivers, wildlife and to have compassion for the living creatures? (10)
- 5) List five duties that you must perform towards your school. (10)
- 6) If you had a choice, would you like to change your nationality? Give reasons for your answer. (10)
- 7) Draw a poster on “Unity in Diversity” with an appropriate quotation. (20)

XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Moral Science

F.M-80
Time: 2 hrs.

Answer the following questions:-

- 1) Spend time with god contemplating all the gifts He has showered on you.
 Listen to what he may want you to do in return. Is he calling you to do something for your country and others? What does he want you to do? (10)
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XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Moral Science

F.M-80
Time: 2 hrs.

Answer the following questions:-

- 1) Spend time with god contemplating all the gifts He has showered on you.
 Listen to what he may want you to do in return. Is he calling you to do something for your country and others? What does he want you to do? (10)
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- 7) Draw a poster on “Unity in Diversity” with an appropriate quotation. (20)



XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018

Class: VIII
Sub:- Mathematics

F.M-80
Time: 2 hrs.

Section: A is compulsory. Attempt any Four Question from Section B.
The intended marks for questions or part of questions are given in brackets.

Section: A (40 Marks)
Attempt All Questions from this Section.

I) Factorize the following:-

(3x8=24)

1. $ab(x^2 + y^2) + xy(a^2 + b^2)$
2. $p^3 - 3p^2 + 2p - 6 - pq + 3q$
3. $3x^5 - 48x$
4. $4x^2 - y^2 + 6y - 9$
5. $81y^2 - 90x + 25y^2$
6. $3x^2 - 10x + 8$
7. $9x^2 - y^2 + 4y - 4$
8. $2x^2 + 13xy - 24y^2$.

II) Solve: -

(2x8=16)

1. Two coins are tossed together. Find the probability of getting:
 - (i) At least one head.
 - (ii) Two tails.
2. Find the value of y if $3(y - 3) = 5(2y + 1)$.
3. Two numbers are in the ratio 7:4. If they differ by 15, what are the numbers?
4. The area of a rhombus is 360 cm^2 and one of the diagonals is 18 cm. Find the other diagonal.
5. If the base of a right angled triangle is 6 units and the hypotenuse is 10 units, find its area.
6. A letter is thrown from the word of RECTANGLE. What is the probability that it is :
 - (i) A Consonant (ii) not a Consonant.
7. Divide $(2x^2 + 11x + 15)$ by $(x + 3)$
8. Solve the inequality $3 - 2x \geq x - 10, x \in \mathbb{N}$.

Section: B (40 Marks)**Attempt any Four Question from Section B**

D)

1. Draw a circle of radius 3.2 Cm. Draw a chord AB of this circle such that $AB = 5$ cm. Shade the minor Segment of the circle. (3)
2. The table given below shows the numbers of students in various classes in a hobby School. (4)

Hobby	Computers	Painting	Pottery	Paper Cutting	Glass Work
No. of students	180	150	27	75	108

Represent the above data by a Pie chart. (4)

3. A streamer goes downstream from one port to another in 9 hours and covers the same Distance upstream in 10 hours. If the speed of stream be 6 Km/hr. Find the speed of Streamer in still water and the distance between two ports. (3)

II)

1. If $p = x + 1$ and $\frac{4p-3}{2} - \frac{3x+2}{5} = \frac{3}{2}$. Find x . (3)
2. Find the length of the tangent drawn to a circle of radius 5 Cm from a point distant 13 Cm from the Centre. (3)
3. In the adjoining figure, AD is parallel to BC. Find the area of the trapezium ABCD. (4)

(III)

1. A card is drawn from a well shuffled pack of 52 playing cards. Find the probability that the card drawn is : (3)
 - (i) An ace
 - (ii) a red card
 - (iii) neither a king nor a queen.
2. Factorize: (3)

$$15(x - 2y)^2 - 8(x - 2y) - 16.$$

3. Draw a histogram to represent the following data: - (4)

Class intervals	10-20	20-30	30-40	40-50	50-60
Frequency	3	5	10	8	2

IV)

- Solve $1 \leq 3(x - 2) + 4 < 10$, x W. Represent its solution on the number line. (3)
- The volume of a cube is 448 cm^3 , its height is 7 cm and the base is a square, find: (4)
 - A side of the square base.
 - Surface area of the cuboid.
- Find the probability of getting 53 Sundays in a non-leap year. (3)

V)

- The diameter of a cylinder is 7 cm and its height is 16 cm. find :- (3)
 - Lateral surface area of the cylinder.
 - Total surface area of the cylinder.
- The denominator of a fraction exceeds its numerator by 4. If numerator and denominator both are increased by 3, the new fraction becomes $\frac{4}{5}$. Find the original fraction. (3)
- Given below is the data of the school giving students (Boys and Girls):-

Mode of Transport	School Bus	Walking	Bicycle	Other Vehicles
No. of Boys	75	120	240	150
No. of Girls	135	60	180	90

- Draw a Bar Graph to represent the above data. (4)

XAVIER SCHOOL, GAMHARIA
3rd Term Exam-2018-19

Class: VIII
Sub:- Physics

F.M-80
Time: 2 hrs.

SECTION-A (40 MARKS)

Answer all questions.

Ques. 1

- a) Define the following : - (1×4=4)
i) Amplitude ii) Frequency iii) Time period iv) Wave length.
b) If the amplitude of a wave is doubled, what will be the effect on its loudness? (2)
c) Name the characteristics of sound related to its frequency. Name the unit in which the loudness is expressed. (2)
d) How is the pitch of sound changed if: - (2)
i) Thin wire is used. ii) Wire under less tension is used.

Ques. 2 (Answer the following questions briefly) (2×5=10)

- a) What do you mean by electricity at rest? What are the two kinds of charges?
b) Name two substances which can be charged by friction.
c) Name the material of a fuse wire. State one property of the material of a fuse wire.
d) Which fuse wire is thick 5A or 15A? Write the full form of MCB.
e) With which wire, live or neutral, is the fuse wire connected? Name the unit in which you pay the cost of your electricity bill.

Ques. 3 (Answer to the point.)

- a) Two waves of the same pitch have amplitude in the ratio 3:4. What will be the ratio of their
i) Loudness ii) pitch (2)
b) Two waves have frequencies 350 Hz and 1050 Hz but same amplitude. Compare their
i) Loudness ii) pitch (2)
c) Convert 1 kWh into joule. (2)
d) What are free electrons? What causes the charging of two objects when they are rubbed together? (2)
e) State two ways of charging a conductor? (2)

Ques. 4:- Answer the following questions:-

- a) What is the net charge on an atom and why? (2)
b) a glass rod is rubbed with silk. State the kind of charge acquired by each. (2)
c) State the voltage at which electricity is supplied to our houses. State the unit of current. (2)
d) What is a longitudinal wave? Where is it formed? (2)
e) Obtain the relationship between time period and frequency. (2)

SECTION-B (40 MARKS)**Answer any four.**

Ques. 5

- a) Name the characteristics of sound affected by:- (3)
i) Wave form ii) Frequency iii) Amplitude
- b) State three factors on which loudness of sound heard by a listener depend?
- c) A bulb is rated 100W,220V. Find
i) The current flowing through the bulb. (2)
ii) The energy in kWh consumed when used for 10 hrs. (2)

Ques. 6

- a) How are the electrical appliances connected in a household circuit? Give reason. (3)
b) Why is the metal covering of an electrical appliance earthed? (3)
c) An electric iron of power 1.5 kW is used for 45 minutes. Calculate the electrical energy consumed in (i) kilowatt hour (ii) joule. (4)

Ques. 7

- a) What is a lightning conductor? How does it work? (3)
b) State three safety measures that you will observe in thunder storm. (3)
c) State four differences between charging by conduction and induction. (4)

Ques. 8

- a) What is an electroscopes? Name the two types of electroscopes. (3)
b) Draw a well labelled diagram of a gold leaf electroscopes. (3)
c) In a classroom 4 tube lights of 40W each, 6 fans of 60W each are used for 6 hours daily.
Find
i) Total power consumed per day. (1)
ii) Total power consumed in 30 days. (1)
iii) Total electrical energy consumed in 30 days. (1)
iv) The cost of electricity at the rate of Rs.5/- per unit for 30 days. (1)

Ques. 9

- a) Describe the charging of a conductor by induction. (3)
b) Induction precedes conduction. Explain. (3)
c) Draw a circuit diagram to connect three bulbs in
i) Series
ii) Parallel. Which method is useful and why? (4)

