

ST. MARY'S ACADEMY

CLASS 10

CLASS 10

Pak. Studies

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Pak. Studies **Assessment No.2** Total Marks: 15

Fill the blanks: ( /15)

- i. On 16<sup>th</sup> August 1972, \_\_\_\_\_ industrial units were nationalized.
  - ii. Industrial licenses of more than Rs. \_\_\_\_\_ million worth issued to 19 companies were declared illegal.
  - iii. Zakat is deducted at the rate of \_\_\_\_\_ %.
  - iv. Pakistan is the \_\_\_\_\_ atomic power of the world.
  - v. 33% of the total seats of district Council are reserved for \_\_\_\_\_.
  - vi. Youm e Takbeer is celebrated on \_\_\_\_\_ each year.
  - vii. \_\_\_\_\_ lies in the south west of Pakistan. The length of Pak-Iran border is 800 km long.
  - viii. According to the census of 1998 Pakistan's population was \_\_\_\_\_.
  - ix. In 1989 Pakistan rejoin \_\_\_\_\_.
  - x. America and Russia signed an accord in April 1988 in \_\_\_\_\_.
  - xi. Lahore- Islamabad Motor Way was inaugurated in \_\_\_\_\_.
  - xii. 10 % Usher deduction from the annual agricultural produce was started in \_\_\_\_\_.
  - xiii. There are \_\_\_\_\_ articles in the constitution of 1973.
  - xiv. The invasion by Russian forces into \_\_\_\_\_ in 1979 created a new challenged for Pakistan.
  - xv. General Zia ul Haq ruled the country for about 11 years from July 1977- August \_\_\_\_\_.
- \_\_\_\_\_

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: Pak. Studies

Worksheet No.3

### CHAPTER 5

### HISTORY OF PAKISTAN II

#### SHORT QUESTIONS

NOTE: With the help of online class and slides shared in your class group answer the following short questions:

#### WEEK 5

1. Write two duties of the Union council.
2. Why was the Washington Declaration made?
3. Why did the President Ghulam Ishaq Khan dismiss the Benazir Bhutto government?
4. Write two measures taken for women in the Musharraf government.
5. Under which law did America discontinue the supply of defense armament to Pakistan?

#### WEEK 6

6. What is meant by Lahore declaration?
7. Why the 1973 constitution is called the federal constitution?
8. What was the limit of the agricultural land which PM Zulfikar Ali Bhutto fixed for the individual holding?
9. Under which amounts were the HBL and UBL privatized?
10. In which election was graduation made conditional for the candidates?

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ST. MARY'S ACADEMY

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CLASS 10

Chemistry

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## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Chemistry **Assessment No.2** Total Marks: 25

**Q.1. Encircle the correct answer. [1x5]**

- (1) Which of the following is a Lewis base?  
(a)  $\text{BF}_3$  (b)  $\text{HCl}$  (c)  $\text{AlCl}_3$  (d)  $\text{F}$
- (2) Choose Lewis acid  
(a)  $\text{CN}^-$  (b)  $\text{NH}_3$  (c)  $\text{H}_2\text{O}$  (d)  $\text{H}^+$
- (3) Ammonia is a base, because it  
(a) Ionizes in water to give  $\text{OH}^-$  ions (b) Contains  $\text{OH}$  group  
(c) Can accept an election pair (d) can accept proton
- (4) Consider the following reaction?  
 $\text{H}_2\text{O} + \text{HCl} \rightleftharpoons \text{H}_3\text{O}^+ + \text{Cl}^-$   
Which species is an electron pair acceptor in this reaction?  
(a)  $\text{H}_2\text{O}$  (b)  $\text{HCl}$  (c)  $\text{H}_3\text{O}^+$  (d) none
- (5) Which of the following cannot be classified as Arrhenius acid?  
(a)  $\text{HNO}_3$  (b)  $\text{H}_2\text{CO}_3$  (c)  $\text{CO}_2$  (d)  $\text{H}_2\text{SO}_4$

**Q.2. Short questions [4x5]**

1. Give the Arrhenius concept of acids and bases. Write an equation that illustrates the definition.
2. What are amphoteric substances? Explain with example
3. What is pH? Write down its any two valuable applications.
4. Briefly explain neutralization?
5. Write down the uses of following acids.  
 $\text{HCl}$ ,  $\text{HNO}_3$ ,  $\text{H}_2\text{SO}_4$ ,  $\text{H}_3\text{PO}_4$

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## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: Chemistry

Worksheet No: 3

## ORGANIC CHEMISTRY

### Week: 5

#### 11.3. Uses of Organic Compounds

##### Day: 1

**Q.1. Answer the following questions?**

1. Which organic compounds are used primarily as fuels?
2. Which organic compounds are used as starting material for production of variety of organic compounds.
3. Which organic compounds are widely available as liquids in fuels cylinders (LPG)
4. Which organic compound is the major starting material for the manufacture of organic chemical and products such as polyethylene (plastic), ethyl alcohol, acetic acid and ethylene glycol called antifreeze.

##### Day: 2

**Q.1. Answer the following questions?**

1. Which organic compound is widely used in the oxy-acetylene welding and cutting metals?
2. Which organic compound is used in the preparation of polymers like PVC (Polyvinyl Chloride), polyvinyl acetate, synthetic rubber, nylon etc.
3. Which organic compound is used for artificial ripening of fruits?
4. Which compounds help to ensure antiseptic conditions in hospital operating rooms.

##### Day: 3

**Q.1. Answer the following questions?**

1. Which organic compound is used as a solvent for fats, oils, paints and varnishes?
2. List the substances manufactured by organic compounds.
3. List the names of major sources of alkanes.
4. What is natural gas?
5. Write some uses of acetylene.

##### Day: 4

**Q. Write four MCQ's from the top 11.3. (Uses of organic compounds)**

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### 11.4. Alkane and Alkyl Radicals

Day: 5

**Q.1. Answer the following questions?**

1. Differentiate between alkane and alkyl radicals with the help of examples?
2. How do alkanes form more than one alkyl groups?
3. What is n-propyl group?
4. What is iso-propyl?

### Week: 6

Day: 1

**Q.1. Answer the following questions?**

1. Write the structural formula of iso-propyl.
2. Write alkyl radical from ethane?
3. Write alkyl radical from butane.
4. Write alkyl radical from propane.

Day: 2

**Q. Write four MCQ's from the top 11.4. (Alkane and Alkyl Radicals)**

### 11.5. Classification of organic compounds

Day: 3

**Q.1. Answer the following questions?**

1. Write two types of organic compounds.
2. What are open chain organic compounds? Give two examples.
3. What are types of open chain compounds?
4. What are straight chain compounds? Give two examples.
5. What are branched chain compounds? Give two examples.

Day: 4

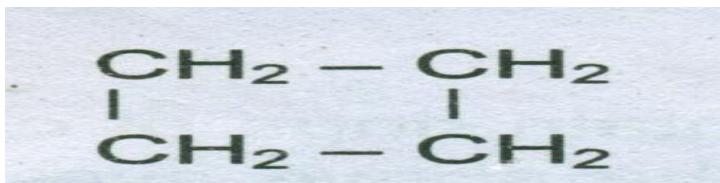
**Q.1. Answer the following questions?**

1. What are closed chains or cyclic compounds? Give examples
2. What are types of closed chain or cyclic compounds?
3. What are homocyclic or carbocyclic compounds? Give examples
4. What are heterocyclic compounds? Give examples.

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5. Is the compound having following structure an open chain compound?



Day: 5

Q. Write four MCQ's from the top 11.5. (Classification of organic compound)



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**CLASS 10**

**CLASS 10**

**Computer**

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## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Computer Assessment No: 2 Total Marks: 25

Q:1: Encircle the correct option. (5)

i. Which of the following is a sequence of instructions written in a computer language to solve a problem?

- A . Algorithm                      b. Program                      c. Flowchart                      d. Problem analysis

ii. Which symbol is used for decision in a flowchart?

- A . Rectangle                      b. Parallelogram                      c. Diamond                      d. oval

iii. ----- is a step by step written procedure to solve a problem.

- A . Flowchart                      b. Candid solution                      c. Analysis                      d. Algorithm

iv. ----- are used to connect one part of flowchart to the other.

- A . Connectors                      b. Analysis                      c. programs                      d. Flow lines

v. in which step of problem solving, the programmer investigates the problem and gather information?

- A . Defining                      b. Analyzing                      c . Planning                      d . Flow chart

Q: Write short answers of the following questions.

3 \* 4 = 12

i . Describe planning the solution of the problem.

ii. How we select the best solution?

iii. What is an algorithm?

iv. Write the role of algorithm in problem solving.

Q: Write an algorithm and draw flow chart to print the following sequence of numbers in descending order.

27 24 21 18 15 12 9 6 3 0 -3 -6

(8)

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## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: Computer

Worksheet No: 3

Week -5

Q: Write short answers of the following questions.

I . What is a computer program?

Ans: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ii. Differentiate between Syntax and Semantic.

Ans:

Syntax:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Semantic:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

iii. Write three fundamental elements of structured languages.

Ans

Sequence:

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Selection:

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Repetition:

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iv. Describe the object-Oriented programming languages (oops).

Ans:

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v . Write the Characteristics of high level languages.

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vi. Write a note on Following High level languages:

Ans:

C:

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C++:

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Visual Basic:

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Java:

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vii. Differentiate between Compiler and interpreter.

Ans:

Compiler:

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Interpreter:

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viii. What is programming environment?

Ans:

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ix. What is integrated development environment?

Ans:

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### Week - 6

Q: Write short answers of the following questions.

i . Describe Machine language.

Ans:

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ii .What is Assembly language. Write some important characteristics of Assembly language.

Ans:

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Characteristics of Assembly language:

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iii. Write the names of Modules of C language IDE. Explain Text Editor and Debugger.

Ans:

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Text Editor:

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Debugger:

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iv. Write C language Character set.

Ans:

Letters:

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Digits:

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V . What are reserved words? Write some reserve words used in C language.

Ans:

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vi .What are header files? Why we used header files in C program.

Ans:

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vii . Define High level languages (HLLs).

Ans:

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viii. Define Procedural languages.

Ans:

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ix. Describe the module Linker and Loader.

Ans:

Linker:

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Loader:

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**CLASS 10**

**CLASS 10**

**URDU**

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: Urdu

Assessment No.2

Total Marks: 25

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سوال نمبر ۱۔ متن کی روشنی میں درست جواب پر نشان لگائیں۔

۱۔ سبق نظریہ پاکستان کے مصنف کا نام کیا ہے؟

الف۔ ڈاکٹر عبداللہ ب۔ ڈاکٹر غلام مصطفیٰ ج۔ سر سید احمد خان د۔ جمیل الدین عالی

۲۔ نعت کے مطابق محبوب پروردگار کا پیغام کیا ہے؟

الف۔ اصول محبت ب۔ غم گساری ج۔ امانت داری د۔ یہ سب ہیں

۳۔ کانگریس کب قائم ہوئی؟

الف۔ ۱۸۲۱ء میں ب۔ ۱۸۳۱ء میں ج۔ ۱۸۴۱ء میں د۔ ۱۸۵۷ء میں

۴۔ احسان دانش پیدا ہوئے؟

الف۔ ۱۹۱۱ء میں ب۔ ۱۹۱۲ء میں ج۔ ۱۹۱۳ء میں د۔ ۱۹۱۴ء میں

۵۔ مسلم لیگ کس نے قائم کی؟

الف۔ سر سید احمد خان نے ب۔ نواب محسن الملک نے ج۔ قائد اعظم نے د۔ نواب وقار الملک نے

۶۔ احسان دانش تھے؟

الف۔ شاعر ب۔ نثر نگار ج۔ تنقید نگار د۔ قادر الکلام شاعر

۷۔ نظریہ پاکستان کا مقصد پاکستان کو بنانا ہے؟

الف۔ مستحکم مملکت ب۔ فلاحی مملکت ج۔ اسلامی مملکت د۔ اسلامی اور فلاحی مملکت

۸۔ اب انسان کو کس کا عرفان حاصل ہوگا؟

الف۔ اللہ تعالیٰ کا ب۔ انسان کا ج۔ کائنات کا د۔ ان سب کا

۹۔ سید احمد بریلوی اور شاہ اسماعیل کب شہید ہوئے؟

الف۔ ۱۸۲۱ء میں ب۔ ۱۸۳۱ء میں ج۔ ۱۸۴۱ء میں د۔ ۱۸۵۷ء میں

۱۰۔ احسان دانش کو کہا جاتا ہے؟

الف۔ بڑا شاعر ب۔ آزاد شاعر ج۔ مزدور شاعر د۔ باکمال شاعر

سوال نمبر ۲۔ جھوٹ کی سزا کے عنوان پر کہانی تحریر کیجیے۔

سوال نمبر ۳۔ دیئے گئے اشارات کی مدد سے ڈھائی سو سے تین سو الفاظ پر مشتمل مضمون تحریر کیجیے۔

عنوان - تندرستی ہزار نعمت ہے۔

اشارات ۱۔ مفلسی کا مقابلہ ۲۔ تندرستی اور صحت ۳۔ زندگی کا مزہ

۴۔ تندرستی کی حفاظت ۵۔ تندرست جسم اللہ کی نعمت

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۱۰

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: Urdu

Worksheet No: 3

### work sheet .urdu SSC.II ( Week .5 2020)

نوٹ: اردو کے کام کے لیے note book یا answer sheets کا استعمال کیجیے۔ نیلا مارکر اور نیلا بال پوائنٹ یا پوائنٹر کا استعمال کیجیے۔  
صفحے کے دونوں جانب حاشیہ لگائیے۔ خوشخطی کا خاص خیال رکھیے۔

(نصاب: غزل۔ شاعر: حسرت موہانی) (صفحہ نمبر 155 تا 158)

شاعر کا تعارف اور غزل کا بغور مطالعہ کرتے ہوئے درج ذیل سوالات کے تین سے چار سطروں پر مشتمل جوابات تحریر کیجیے۔

Day one

۱۔ حسرت موہانی کے حالات زندگی تحریر کیجیے۔ ۲۔ حسرت موہانی کی اہم تصانیف لکھیے۔ (صفحہ نمبر ۱۵۵)

سوال نمبر ۱۔ درج ذیل سوالات کے جوابات تحریر کیجیے۔

(الف)۔ شاعر کے ہاں مصیبت کے ”راحت فضا ہونے کی وجہ کیا ہے؟

ب۔ کون سے راستے پر چلنے سے مصیبت خوشی میں تبدیل ہو جاتی ہے؟

ج۔ شاعر منزل مقصود پر پہنچنے کے لیے پُر امید ہے۔ کیوں؟

خاکے کی مدد سے ”ایسے کو تیسرا“ کہانی تحریر کیجیے۔

سوال نمبر ۲۔ تو سین میں دیے گئے موزوں لفظ سے خالی جگہ پُر کیجیے۔

سوال نمبر ۴۔ حسرت موہانی کی غزل کی ردیف اور قوافی الگ الگ کر کے لکھیے۔

سوال نمبر ۶۔ الفاظ و تراکیب کا مفہوم واضح کیجیے۔

سوال نمبر ۸۔ مطلع اور مقطع کی تعریف لکھیے۔ حسرت موہانی کی غزل کا مطلع اور مقطع تحریر کیجیے۔

غزل کے دوسرے شعر کی تشریح شاعر کے حوالے سے کیجیے۔

شاعر کا تعارف اور غزل کا بغور مطالعہ کرتے ہوئے کم از کم 20 MCQ's تلاش کر کے تحریر کیجیے

(غزل کی مشق میں دیے گئے MCQ's تحریر نہ کیجیے)

Day .2

Day.3

Day .4s

Day .5

# ST. MARY'S ACADEMY

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### work sheet .urdu SSC.II ( Week 6) 2020

نوٹ: اردو کے کام کے لیے answer sheets یا note book کا استعمال کیجیے۔ نیلا مارکر اور نیلا بال پوائنٹ یا پوائنٹر کا استعمال کیجیے۔

صفحے کے دونوں جانب حاشیہ لگائیے۔ ٹوٹھنٹلی کا خاص خیال رکھیے۔

(نصاب: سبق: پرستان کی شہزادی۔ مصنف: اشرف صہجی) سبق کا بغور مطالعہ کرتے ہوئے درج ذیل سوالات کے تین سے چار سطروں پر مشتمل جوابات تحریر کیجیے۔  
صفحہ نمبر 28 تا 40 Day one

الف۔ سیدانی بی نے گزراوقات کے لیے کون سا پیشہ اختیار کیا؟

ب۔ میر صاحب اور ان کی بیوی سیدانی بی کس بات پر زیادہ خوش تھے؟

ج۔ پرستان کے بادشاہ نے سیدانی بی کو کس کام کے لیے بلوایا تھا؟

د۔ بادشاہ بیگم کا اصل نام کیا تھا؟

ه۔ پرستان کے پھلوں کی خاص بات کیا تھی؟

صفحہ نمبر ۲۸

اشرف صہجی کا تعارف تحریر کیجیے۔

Day .2

صفحہ نمبر ۳۸

سوال نمبر ۴۔ محاورات کو جملوں میں استعمال کیجیے۔

Day.3

صفحہ نمبر ۳۸

سوال نمبر ۵۔ کالم (الف) کا ربط کالم (ب) سے کیجیے۔

صفحہ نمبر ۳۸

سوال نمبر ۶۔ سبق کے مطابق درست لفظ کے ذریعے خالی جگہ پُر کیجیے۔

صفحہ نمبر ۳۹

☆ ذومعنی الفاظ کون سے ہوتے ہیں؟

Day 4

صفحہ نمبر ۳۹

سوال نمبر ۷۔ ذیل کے جملوں میں سے ذومعنی الفاظ الگ کر کے ان کے معانی لکھیے۔

صفحہ نمبر ۳۹ تا ۴۰

☆ تشبیہ اور ارکان تشبیہ مثالوں سے واضح کیجیے۔

Day .5

سبق ”پرستان کی شہزادی“ اور مصنف ”اشرف صہجی“ کے تعارف کا بغور مطالعہ کیجیے اور کم از کم 25 MCQ's تلاش کر کے تحریر کیجیے

(سبق کی مشق میں دیے گئے MCQ's تحریر نہ کیجیے)

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ETHICS

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Ethics

Assessment No.2

Total Marks: 25

Q.1 Circle the correct option i.e. A/B/C/D. Each part carries one mark .

(i) -----decides between right and wrong.

A. Heart

B. Brain

C. Conscience

D. Insight

(ii) For social protection man makes I

A. roads

B. schools

C. hotels

D. laws

(iii) To carry big boxes in Railway compartments

A. Right

B. Wrong

C. Compulsion

D. Orator

(iv) Aristotle was a:

A. Philosopher

B. Doctor

C. Religious Scholar

D. Orator

Q2 Answer the following questions in 3to 4 lines. (7x3=21)

Write short answers of the given questions.

(i) Define accountability?

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(ii) What do you know about Aristotle?

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(iii) What is crime?

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(iv) What is sin?

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(v) Who was Sri Aurobindu Ghosh?

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(vi) What was the Theory of Gotam Buddh about this world?

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(vii) How some bad customs become the part of society?

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(viii) Name three divine religions.

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## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: *Ethics*

Worksheet No: 3

### Q1 -Fill in the blanks.

- 1- ..... the founder of Confucianism was born in .....
- 2- Mahavira was born in ..... B.C.
- 3- Mahavira's real name was .....
- 4- ..... was father and ..... was mother of Mahavira.
- 5- Mahavira was married in a ..... family.
- 6- Mahavira died at the age of .....at Patna near.....i in 527 BC.
- 7- Man started the journey of life in the light of the ..... instruction.
- 8- The foundation of any worship system is .....
- 9- Worship is of .....types.
- 10- The important social aspect of worship is .....
11. Worship builds and trains the .....
- 12- .....considers cleanliness as half of faith.
- 13- All religions are based on .....
- 14- In ..... and Jainism there is no concept of judgment in life after death.
- 15- .....said that if a single man is in pain my happiness is incomplete.
- 16- The Ganga Ram hospital of..... was made by a Hindu.
- 17- ..... was father and ..... was mother of Mahavira.
- 18- Mahavira was married in a ..... family.

# ST. MARY'S ACADEMY

## CLASS 10

- 19- ..... was wife of Mahavira.
- 20- A hermit is a ..... man.
21. Mahavira means a .....and Jain means a.....
- 22- Mahavira died at the age of .....at Patna near.....i in 527 BC.
- 23- ..... was the 23<sup>rd</sup>tirthankaras of Jainism.
- 24- ..... is recognized a 24<sup>th</sup> and last Tirthankara.

### Q2-Write short answers of the given questions.

- (1) Where did Mahavira die?

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- (2) what is meant by Day of Judgement?

---

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- (3) What is Satya?

---

---

---

---

- (4) What is Ahensa?

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# ST. MARY'S ACADEMY

## CLASS 10

(5) What is meant by Mahavira?

(6) What is conscience?

(7) What is a duty?

(8) Why manners are necessary for society?

(9) What do manners give to an individual?

(10) Write interesting aspects of Kant's life?

ST. MARY'S ACADEMY

CLASS 10

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ST. MARY'S ACADEMY

*ST. MARY'S ACADEMY*

**CLASS 10**

# CLASS 10

# ISLAMIIYAT

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Islamiyat

Assessment No: 2 Total Marks: 15

(04) ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ( ) کا نشان لگائیے۔

(1) مسلمانوں میں سے بعض نے اپنی پوری کردی۔

(الف) قسم (ب) نذر (ج) بات (د) سوچ

(2) ایک گروہ کو تم نے قتل کر دیا اور دوسرے گروہ کو تم نے۔

(الف) چھوڑ دیا (ب) بھگا دیا (ج) راضی کر لیا (د) قید کر لیا

(3) اور اس کے لیے ہم نے تیار کر رکھی ہے۔

(الف) عزت کی روزی (ب) جنت (ج) سواری (د) عزت کی جگہ

(4) اللہ تو یہی چاہتا ہے کہ اہل اہل بیت علیہم السلام تم سے دور کر دے ہر قسم کی۔

(الف) برائی (ب) تکلیف (ج) ناپاکی (د) آزمائش

(06) درج ذیل سوالات کے مختصر جوابات تحریر کریں۔

(1) کفار کو کیسے ناکام لوٹا پڑا۔

(2) جس زمین پر تم نے قدم نہیں رکھا سے کیا مراد ہے؟

(3) ازواج مطہرات کو سورۃ انزاب میں کیا خاص احکام ارشاد فرمائے گئے۔

(4) اللہ تو یہی چاہتا ہے کہ اہل اہل بیت علیہم السلام تم سے دور کر دے ہر قسم کی۔

(05) حدیث نمبر 14 بعد ترجمہ، تشریح اور عملی زندگی سے تعلق تحریر کریں۔

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: Islamiyat

Worksheet No: 3

- ہر سوال کے دیئے ہوئے چار ممکنہ جوابات میں سے درست جواب پر ( ) کا نشان لگائیے۔
- (1) جو کوئی اللہ اور اس کے رسول ﷺ کی نافرمانی کرے تو وہ کھلم کھلا ہے۔  
(الف) آزاد (ب) مرد (ج) گمراہ (د) کافر
- (2) محمد ﷺ تم مردوں میں سے کسی کے نہیں ہیں۔  
(الف) والد (ب) بھائی (ج) دوست (د) چچا
- (3) جب اللہ تعالیٰ اور رسول ﷺ فیصلہ فرمادیں تو کسی کا نہیں رہتا۔  
(الف) اختیار (ب) ارادہ (ج) فائدہ (د) نقصان
- (4) تم اپنے دل میں پوشیدہ رکھتے تھے وہ بات جسے اللہ  
(الف) چھپانے والا تھا (ب) ظاہر کرنے والا تھا (ج) منانے والا تھا (د) بڑھانے والا تھا
- (5) صبر کے لغوی معنی ہیں۔  
(الف) روکنا اور برداشت کرنا (ب) بہادری دکھانا (ج) عاجزی سے کام لینا (د) جلد بازی کرنا
- (6) شکر کے لغوی معنی ہیں۔  
(الف) دعا کرنا (ب) عبادت کرنا (ج) آداب بجالانا (د) کسی کے احسان پر اسکی تعریف کرنا
- (7) اللہ کا شکر ادا کرنے کے طریقے ہیں۔  
(الف) چار (ب) چھ (ج) دو (د) تین
- (8) نعم العبد قرآن میں لکھا ہے۔  
(الف) حضرت عیسیٰ (ب) حضرت یونس (ج) حضرت موسیٰ (د) حضرت ایوب
- (9) آزمائش و مصیبت میں صبر سے کام لیا جائے تو اس کے بدلے میں ملے گا۔  
(الف) روپیہ بیسہ (ب) بہترین اجر (ج) انعام (د) کچھ بھی نہیں
- (10) دنیا و آخرت میں حقیقی کامیابی کی خوشخبری کے حق دار وہ ہیں جو  
(الف) صدقہ دیں (ب) نمازیں پڑھیں (ج) صبر اختیار کریں (د) حج کریں۔



# ST. MARY'S ACADEMY

## CLASS 10

حصہ دوم

درج ذیل سوالات کے مختصر جوابات تحریر کریں۔

- (1) کیا کسی مومن مرد یا عورت کے معاملے میں اللہ اور رسول ﷺ کے فیصلے کے بعد اس کا کوئی اختیار ہے۔
  - (2) سورۃ انزاب کی روشنی میں بتائیے کہ کیا منسوبہ لے بیٹھنے کی طلاق یافتہ بیوی سے نکاح جائز ہے۔
  - (3) ایک مسلمان میں صبر و شکر کا ہونہ کس بات کی دلیل ہے۔
  - (4) صبر کا منہوم لکھیے۔
  - (5) اللہ تعالیٰ کا شکر ادا کرنے کے تین طریقے کون سے ہیں۔
  - (6) اللہ کی طرف سے صبر کا پھل کیا دیا جاتا ہے۔
  - (7) قرآن کریم میں نعم العبد کس کا لقب ہے اور کیوں۔
  - (8) اسلامی تعلیمات میں صبر کی ترغیب کیوں دی گئی ہے۔
  - (9) قرآن میں شکر کی کیا اہمیت ہے۔
  - (10) آیت ”فاصبر لکلم ربک“ کا ترجمہ لکھیے۔
- حدیث نمبر 16 تحریر کریں۔
- نوٹ: تمام کام سکول کی حیثیت کا اپنی پراپر تحریر کریں۔

*ST. MARY'S ACADEMY*

**CLASS 10**

# CLASS 10 ENGLISH

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: English **Assessment No.2** Total Marks: 25

### Q.1. Tick/Insert the correct option i.e. A/B/C/D. 05

- i. Our job is to keep the audience happy.' The underlined word is a/an \_\_\_\_\_ noun.
- a. collective      b. concrete      c. abstract      d. common
- ii. Ali was impressed \_\_\_\_\_ Samra's grades.
- a. with      b. by      c. from      d. beside
- iii. All students \_\_\_\_\_ for prizes.
- a. competes      b. compete      c. competing      d. was competing
- iv. You \_\_\_\_\_ find Lubna in the garden, but I doubt it.
- a. can      b. must      c. might      d. may
- v. Last summer , we visited \_\_\_\_\_ many places.
- a. visited      b. had visited      c. have visited      d. none of these

### Q.2 Answer the following questions. 06

- i. What do you mean by First aid?
- ii. Why is William Edward Hickson repeating the sentence 'try again' in the poem 'Try Again.

### Q.3. Change the narrations. 04

- i. They said," We have done our duty."
- ii. She said," I didn't go to school yesterday."
- iii. She said," I shall never do such a thing."
- iv. The teacher said," I have often told you not to play with fire."

# ST. MARY'S ACADEMY

## CLASS 10

**Q. 4. Read the passage given below and answer the questions given in the end. 10**

Over eating is one of the most wonderful practices among those who think that they can afford it. In fact authorities say nearly all who can get as much as they desire, over-eating to their disadvantages. This class of people could save a great more food than they can save by missing one meal per week and at the same time, they could improve their health.

A heavy meal at night, they so called "dinner" is the fashion with many. Often it is taken shortly before retiring. It is unnecessary and could be forgone, not only once a week but daily without loss of strength. From three to five hours are needed to digest food. While sleeping this food not being required to give energy for work, is in many cases converted into excess fat, giving rise to over- weight. The evening meal should be light, taken three or four before retiring. This prevents over-eating, conserves energy and reduces the cost of food.

**Questions:**

- i. How many hours are needed to digest food? 01
- ii. What are the causes of over- weight? 02
- iii. Write the meanings of underlined words. 02
- iv. Summarize the passage in your own words in 3 to 4 lines and suggest the title. 05

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: English

Worksheet No: 3

### WEEK 5, DAY 01

#### Unit 05

#### The Rain

1. Write down the basic introduction about the life of the poet William Henry Davies. Read the poem and write down the answers of the following questions.

- What do the rich and the poor leaves mean?
- Do you also like the sun coming out after rain? Why?

### WEEK 5, DAY 02

#### 1. Learn the following quotations

"Justice and equity is the foremost virtue of the civilizing races." Jose Rizal

#### 2. Give an antonym of each word given below.

rich, top, near, bright, noise, lovely

### WEEK 5, DAY 03

#### 1. Connotation is of two types:

- Positive connotation
- Negative connotation

Do the exercise C and D on page: 58.

#### 2. Write the synonyms of the following words:

shine, bright, noise, lovely

# ST. MARY'S ACADEMY

## CLASS 10

WEEK 5, DAY 04

Answer the following questions.

- i. What does the poet hear?
- ii. What according to the poet is a sweet noise?
- iii. What will happen after the rain stops?
- iv. How does the sun come out after the rain?
- v. How does the light fill the drops?
- vi. What makes the scene lovely?

2. Write down the definition of Metaphor and Personification by giving three examples for each.

3. Do the exercise B and C on page 60 and D on page 61 on book.

WEEK 5, DAY 05

### Grammar

#### 1. Transitive and Intransitive Verbs

Write down the definition of transitive and intransitive verbs with three examples each.

2. Do the exercise A pg.61 B and C on pg. 62

3. Go through the exercises D and E on pg. 63 and do on the book.

WEEK 6, DAY 01

### Unit 6

#### Television vs Newspapers

1. Go through the lesson carefully and write down the meanings of the given words.

primarily , distinct, aspects, leisure, auditory, , coverage, luxury

2. Read the lesson 06 and answer the following questions.

# ST. MARY'S ACADEMY

## CLASS 10

- i. What is good thing about newspaper?
- ii. How does television make us lazy?
- iii. Which simile has the author used and why?
- iv. What is the use of reading more than one newspaper articles?

### WEEK 6, DAY 02

1. Write down the definition of **Modal verbs** and **The First Conditional** sentences and solve the exercise A on pg.73 and C on pg. 74.

**2. Form a noun with each of the following words.**

relevant, interested, require, convenient, effective

### WEEK 6, DAY 03

**1. Answer the Questions from 01 to 07 given in exercise C pg.7.**

2. Write a comparative essay on the topic **"The influence of electronic media on print media."** (220\_250 words). Do add at least three relevant quotations as well.

### WEEK 6, DAY 04

#### **1. Narrations**

**Change the following direct speech into indirect speech.**

- i. She said, "Is this your book?"
- ii. He said, "Do you have any share in this firm?"
- iii. They said, "Have you ever visited Murree Hills?"
- iv. He said, "Aren't you ashamed of yourself?"
- v. The teacher said, "Did you do your home task yesterday?"
- vi. The mother said, "Didn't I ask you not to go there?"
- vii. Rehana said, "Will you stop interfering in my matter?"
- viii. The mother said, "Shall we invite the Qureshis also?"

# ST. MARY'S ACADEMY

## CLASS 10

ix. Adnan said, " Had you left Karachi before writing this letter?

x. The judge said," Have you anything more to say?"

### WEEK 6, DAY 05

#### Phrasal Verbs

Use the following phrasal verbs in your own sentences.

happened to

hear about

hope for

hope of

ignorant of

incapable of

incline to

include in

indebted to

indifferent to

informed of

injurious to

interest in

interview with

introduce to

invite to

jealous of

junior to

key to

kind to



*ST. MARY'S ACADEMY*

**CLASS 10**

**CLASS 10**

**MATHS**

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Mathematics **Assessment No.2** Total Marks: 25

### Section -I

Q1- Choose the correct answer

5

i- The quadratic formula is

- a)  $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$  (b)  $\frac{b \pm \sqrt{b^2 - 4ac}}{2a}$  (c)  $\frac{-b \pm \sqrt{b^2 + 4ac}}{2a}$   
(d)  $\frac{b \pm \sqrt{b^2 + 4ac}}{2a}$

ii- An equation, which remains unchanged when  $x$  is replaced by  $\frac{1}{x}$  is called a/an.

- (a) exponential equation (b) reciprocal equation.  
(c) Radical equation (d) linear equation

iii- A quadratic equation can be solved by :

- (a) Factorization (b) Completing square (c) quadratic formula  
(d) All of these

iv- The solution set of  $49x^2 - y^2 =$

- (a)  $(7x + y)(7x - y)$  (b)  $(7x - y)(7x - y)$   
(c)  $(7x + y)(7x + y)$  (d)  $(7x + y)(y - 7x)$

v- The no. of method to solve quadratic equation is

- (a) 1 (b) 2 (c) 3 (d) 4

### Section - II

$4 \times 5 = 20$

Q1- Solve by completing square method

$$x^2 - \frac{5}{2}x - \frac{2}{3} = 0$$

4

Q2- Solve by factorization :

(i)  $3x^2 - 6x = x + 20$

4

Q3- Solve by using quadratic formula

(i)  $4x^2 - 14x = 3x$

4

(ii)  $\frac{3}{x-6} - \frac{4}{x-5} = 1$

4

(iii)  $-(l + m) - lx^2 + (2l + m)x = 0$

4

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Mathematics

Worksheet No: 3

Week 5

Ex. 1.3

Q2. Solve the following equations.

i-  $\frac{x-a}{x+a} - \frac{x+a}{x-a} = \frac{7}{12}$

ii-  $x^4 - 2x^3 - 2x^2 + 2x + 1 = 0$

iii-  $2x^4 + x^3 - 6x^2 + x + 2 = 0$

iv-  $2x + 1$

v-  $3^{2x+2} = 12.3^x - 3$

vi-  $2^x + 64.2^{-x} - 20 = 0$

vii-  $(x+1)(x+3)(x-5)(x-7) = 192$

viii-  $(x-1)(x-2)(x-8)(x+5) + 360 = 0$

-----XXX-----

Revise Ex. 9.1 and Ex. 9.2 ( 9<sup>th</sup> -Class)

# ST. MARY'S ACADEMY

## CLASS 10

6th WEEK

Q. Solve the following equations. .

EX. 1.4

i-  $\sqrt{3x+7} = 2x+3$

ii-  $2x+5 = \sqrt{7x+16}$

iii-  $\sqrt{x+3} = 3x-1$

iv-  $4x = \sqrt{13x+14} - 3$

v-  $\sqrt{3x+100} - x = 4$

vi-  $\sqrt{x+5} + \sqrt{x-21} = \sqrt{x+60}$

vii-  $\sqrt{x+1} + \sqrt{x-2} = \sqrt{x+6}$

viii-  $\sqrt{x-1} - \sqrt{6-x} = \sqrt{27-x}$

----- XXX -----  
Revise Ex. 9.3 (9<sup>th</sup> Class)

*ST. MARY'S ACADEMY*

**CLASS 10**

**CLASS 10**

**Physics**

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Physics **Assessment No.2** Total Marks: 25

**Q: Write short answer of the following**

**(3x5=15)**

- I. The time period of a wave is 5s. If velocity of the wave is 10m/s, then what will be its wavelength?
- II. What is the wavelength of the radio waves transmitted by an FM station at 90 MHz, where speed of radio wave is  $3 \times 10^8$  m/s?
- III. How is sound produced?
- IV. What is the nature of sound wave?
- V. Sound requires material medium for its propagation? Why?

**Q: a) Explain the motion of mass attached to a spring is SHM. (5)**

**b) Explain the loudness and the factors on which it depends? (5)**

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Subject: *Physics*

Worksheet No: 3

### Chapter No: 10

#### Q: Fill in the blanks.

- I. In terms of wavelength, the distance between two consecutive crest or trough is called \_\_\_\_\_. (wavelength)
- II. The maximum distance on either side of mean position in case of of a vibrating body is called \_\_\_\_\_. (Amplitude)
- III. What is the time period of the wave whose frequency is 10 Hz \_\_\_\_\_ (1/10=0.1 s)
- IV. The product of time period and frequency is equal to \_\_\_\_\_. (1)
- V. Hertz is the unit of \_\_\_\_\_. (frequency)

### Chapter No : 11 (correct answers are also given for learning )

- I. Sound is produced by a \_\_\_\_\_ body. (vibrating )
- II. Sound waves need \_\_\_\_\_ for propagation. (medium )
- III. Sound waves consist of \_\_\_\_\_ and rarefactions. (compressions)
- IV. \_\_\_\_\_ wave is produced by a vibrating tuning fork. (Longitudinal)
- V. Sound travel from its source to your ear by change in \_\_\_\_\_. (air pressure )
- VI. Sound waves are \_\_\_\_\_ type of wave. (Longitudinal)
- VII. The frequency of a sound wave is increased the \_\_\_\_\_ of a wave decreases. (wavelength )
- VIII. Astronauts in space need to communicate with each other by radio links because sound cannot \_\_\_\_\_. (travel in space)
- IX. Sound which has pleasant effect on our ear is called \_\_\_\_\_ (musical sound )
- X. Sound which has jarring or unpleasant effect on our ear is called \_\_\_\_\_. (Noise).

#### Q : Write short answer of the following

- I. Why electromagnetic waves pass through the space?

# ST. MARY'S ACADEMY

## CLASS 10

- II. What happens to the time period of the simple pendulum if its mass is doubled?
- III. The time period of a wave is 5s. If velocity of the wave is 10m/s, then what will be its wavelength?
- IV. What is the wavelength of the radio waves transmitted by an FM station at 90 MHz, where speed of radio wave is  $3 \times 10^8$  m/s?

### Chapter No 11

- V. How is sound produced?
- VI. What is the nature of sound wave?
- VII. Sound requires material medium for its propagation? Why?
- VIII. What are the properties of musical sound?
- IX. Define Loudness of sound, Also write down the factors on which loudness depend.

### Q: Write the detail answer of the following

- I. Explain the loudness and the factors on which it depends?
- II. a) Explain the motion of mass attached to a spring is SHM?  
b) A simple pendulum completes one vibration in two seconds. Calculate its length?



ST. MARY'S ACADEMY

CLASS 10

# CLASS 10 BIOLOGY

# ST. MARY'S ACADEMY

## CLASS 10

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Subject: Biology

Assessment No.2

Total Marks: 25

### Q1. Multiple choice questions:

- i) The presence of carbon monoxide in blood -----
- a) Enhance/increase R.B.C b) Enhance/increase W.B.C c) decrease oxygen carrying capacity
- ii) -----are symptoms of pneumonia.
- a) High fever b) shivering c) sputum production d) all
- iii) Human breathe ----- times per minute in normal/resting conditions.
- a) 10-15 b) 15-20 c) 20-25 d) 25—30
- IV) The flap that guard the glottis (opening of larynx) is called -----
- a) Pharynx b) epiglottis c) trachea d) none of these
- v) Gaseous exchange occur at -----level.
- a) One b) two c) three d) four

### Q2. Short answers:

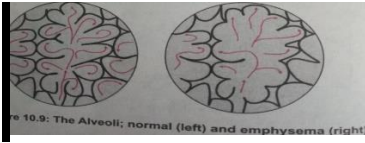
i) Differentiate:

passive smoker-----  
-----  
-----  
& active smoker-----  
-----  
-----

ii) Figure below shows the comparison between normal and emphysematic alveoli. Describe how emphysematic alveoli affect the individual's life processes.

# ST. MARY'S ACADEMY

## CLASS 10



iii) How inhalation differ from exhalation?-----

iv) Define :

a) bronchiole-----

b) Diaphragm-----

v) Describe the behavior of stomata:--

a) during day time b) during night -----