ST. MARY'S ACADEMY

CLASS 9

CLASS 9

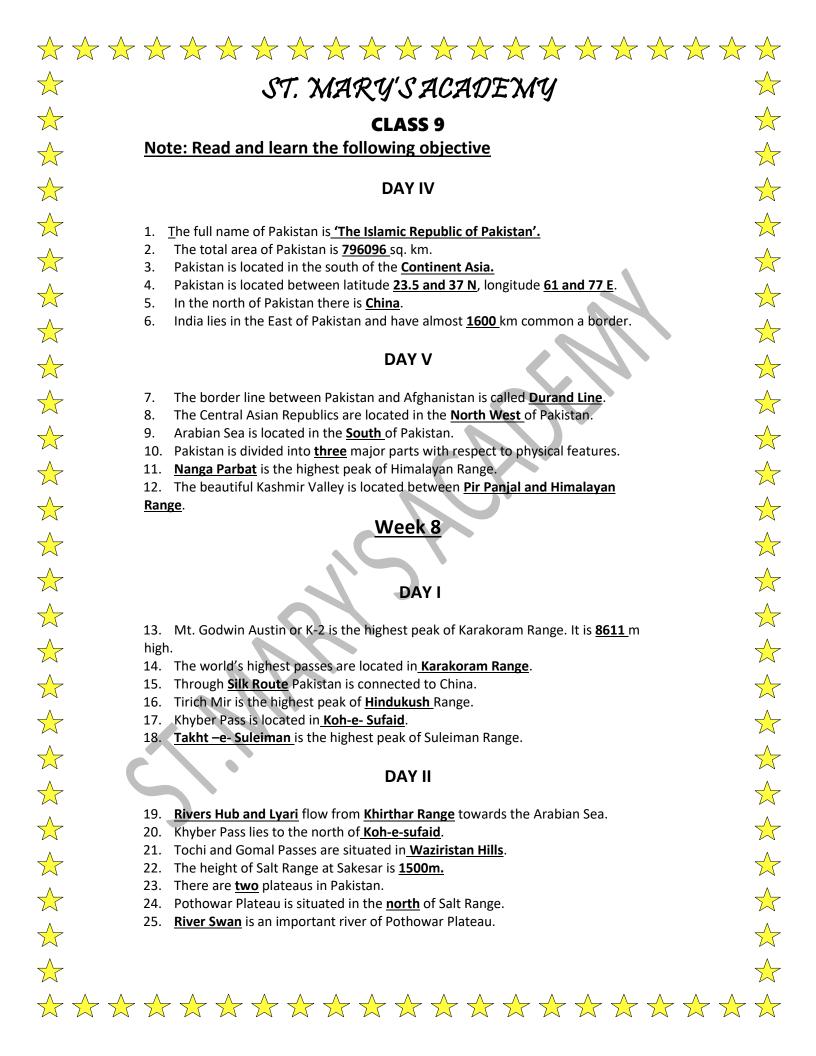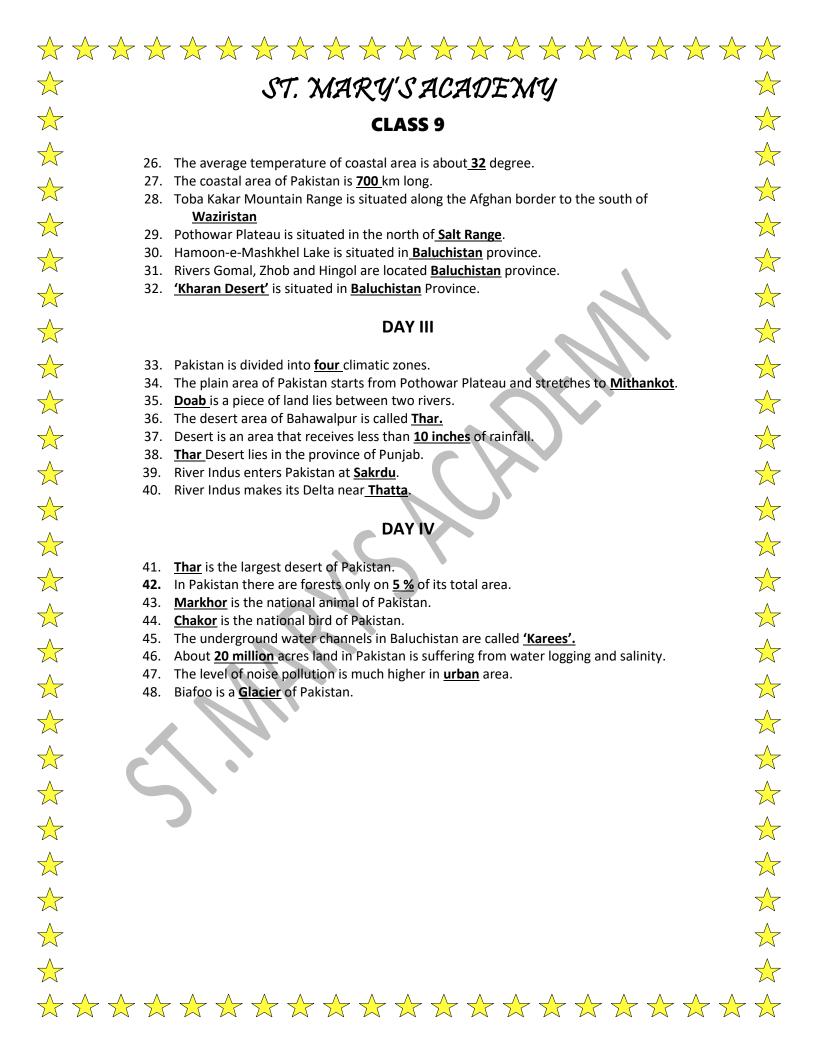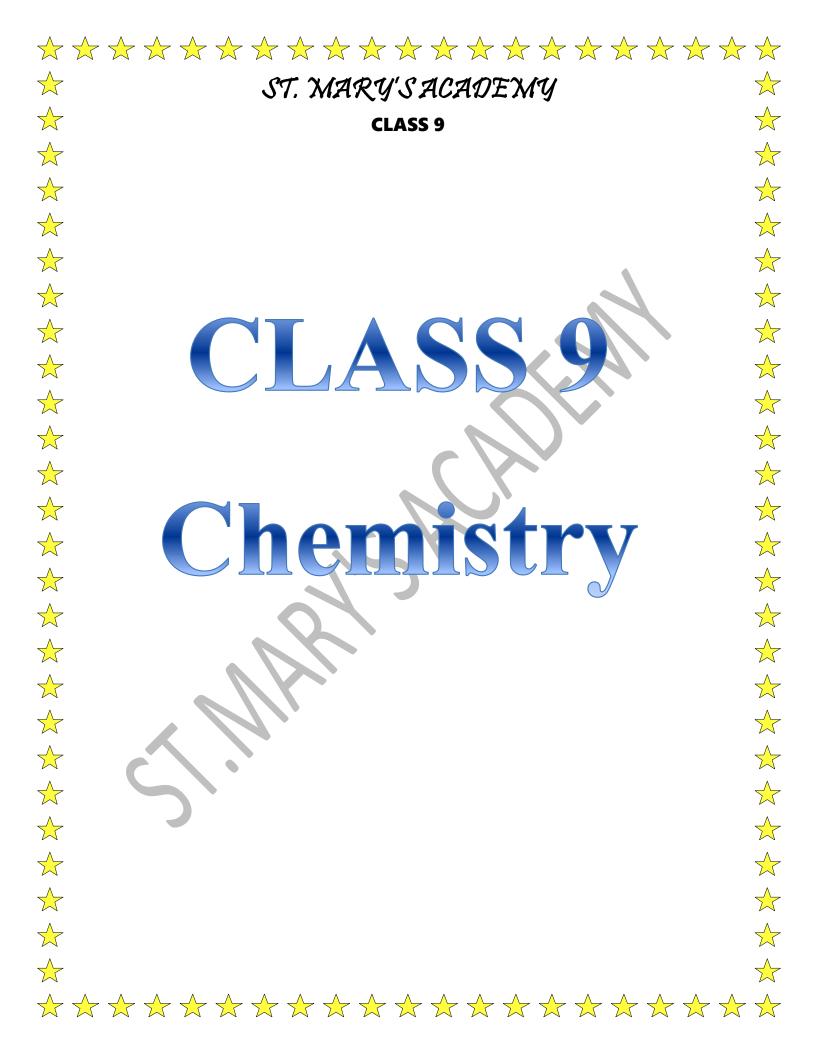# Pak. Studies

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: *Pak. Studies*   <mark>*Assessment # 3*</mark>   Marks:15

Note: Answer the following short questions. All questions carry equal marks.

1. Write the names of five natural regions of Pakistan.

2. Name the tributaries of River Indus.

3. What is the height of Nanga Parbat?

4. What is the importance of Afghanistan and Central Asian Countries for Pakistan?

5. Write the causes of decreasing of wild life

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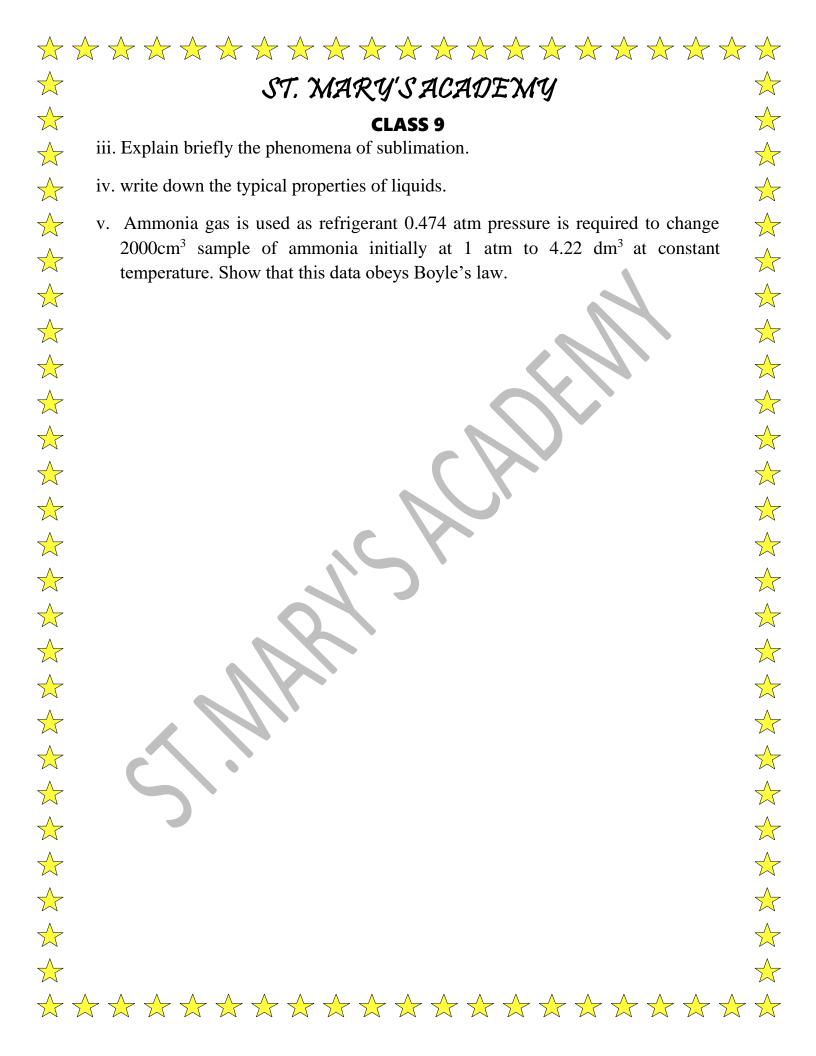
CLASS 9

Name:_____   Section: _____

Subject: Pak. Studies

Week 7

Note: Read, understand and learn the following Short Questions. Rewrite them after learning.

DAY I

1. **Write the causes of decreasing of wild life.**
   Following are the causes of decreasing of wild life:
   a. Illegal hunting
   b. Poor planning
   c. Rapid increase in human population
   d. Deforestation
   e. Shortage of water

2. **Define "Doaba".**
   " A piece of land between two rivers is called "Doaba".
   There are four "Doaba" in Pakistan:
   i. Bari Doab
   ii. Chaj Doab
   iii. Rachna Doab
   iv. Sindh Sagar Doab

DAY II

3. **What are the types of canals in Pakistan?**
   There are two types of canals in Pakistan:
   i. Irrigation canals
   ii. Link Canals

4. **How does air becomes polluted?**
   The air becomes polluted due to:
   i. By burning fossil fuels
   ii. Smoke of automobiles
   iii. Harmful gases coming out of industries

DAY III

5. **What are the types of environmental pollution?**
   Following are the types of environmental pollution:
   i. Air Pollution
   ii. Soil Pollution
   iii. Water Pollution
   iv. Noise Pollution

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CLASS 9
Note: Read and learn the following objective

DAY IV

1. The full name of Pakistan is **'The Islamic Republic of Pakistan'.**
2. The total area of Pakistan is **796096** sq. km.
3. Pakistan is located in the south of the **Continent Asia.**
4. Pakistan is located between latitude **23.5 and 37 N**, longitude **61 and 77 E**.
5. In the north of Pakistan there is **China**.
6. India lies in the East of Pakistan and have almost **1600** km common a border.

DAY V

7. The border line between Pakistan and Afghanistan is called **Durand Line**.
8. The Central Asian Republics are located in the **North West** of Pakistan.
9. Arabian Sea is located in the **South** of Pakistan.
10. Pakistan is divided into **three** major parts with respect to physical features.
11. **Nanga Parbat** is the highest peak of Himalayan Range.
12. The beautiful Kashmir Valley is located between **Pir Panjal and Himalayan Range**.

Week 8

DAY I

13. Mt. Godwin Austin or K-2 is the highest peak of Karakoram Range. It is **8611** m high.
14. The world's highest passes are located in **Karakoram Range**.
15. Through **Silk Route** Pakistan is connected to China.
16. Tirich Mir is the highest peak of **Hindukush** Range.
17. Khyber Pass is located in **Koh-e- Sufaid**.
18. **Takht –e- Suleiman** is the highest peak of Suleiman Range.

DAY II

19. **Rivers Hub and Lyari** flow from **Khirthar Range** towards the Arabian Sea.
20. Khyber Pass lies to the north of **Koh-e-sufaid**.
21. Tochi and Gomal Passes are situated in **Waziristan Hills**.
22. The height of Salt Range at Sakesar is **1500m.**
23. There are **two** plateaus in Pakistan.
24. Pothowar Plateau is situated in the **north** of Salt Range.
25. **River Swan** is an important river of Pothowar Plateau.

26. The average temperature of coastal area is about **32** degree.
27. The coastal area of Pakistan is **700** km long.
28. Toba Kakar Mountain Range is situated along the Afghan border to the south of **Waziristan**
29. Pothowar Plateau is situated in the north of **Salt Range**.
30. Hamoon-e-Mashkhel Lake is situated in **Baluchistan** province.
31. Rivers Gomal, Zhob and Hingol are located **Baluchistan** province.
32. **'Kharan Desert'** is situated in **Baluchistan** Province.

DAY III

33. Pakistan is divided into **four** climatic zones.
34. The plain area of Pakistan starts from Pothowar Plateau and stretches to **Mithankot**.
35. **Doab** is a piece of land lies between two rivers.
36. The desert area of Bahawalpur is called **Thar.**
37. Desert is an area that receives less than **10 inches** of rainfall.
38. **Thar** Desert lies in the province of Punjab.
39. River Indus enters Pakistan at **Sakrdu**.
40. River Indus makes its Delta near **Thatta**.

DAY IV

41. **Thar** is the largest desert of Pakistan.
42. In Pakistan there are forests only on **5 %** of its total area.
43. **Markhor** is the national animal of Pakistan.
44. **Chakor** is the national bird of Pakistan.
45. The underground water channels in Baluchistan are called **'Karees'.**
46. About **20 million** acres land in Pakistan is suffering from water logging and salinity.
47. The level of noise pollution is much higher in **urban** area.
48. Biafoo is a **Glacier** of Pakistan.

CLASS 9

Chemistry

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Chemistry   ==Assessment No. 3==   Total Marks: 25

1. Encircle the correct answer.

i. Which of the following expand or compressed easily

(a) Liquid   (b) Gases   (c) Solids

ii. Diffusion is faster in:

(a) Liquid   (b) Solids   (c) Gases

iii. Red phosphorus is:

(a) Less reactive   (b) Non-poisonous   (c) Brittle

iv. Which percentage of salt is required to kill the bacteria?

(a) 10%   (b) 20%   (c) 30%

v. The solids in which particles are arranged in definite three-dimensional pattern are called:

(a) Solids   (b) Crystalline solids   (c) Amorphous solids

Q2. Give short answers.

i. In the past the gas volume was used to measure temperature using devices called gas thermometer. An experimenter obtains following data

Volume (dm^3)	Temperature ^oC
2.7	0
3.7	100
5.7	300

Show that this data obeys Charle's law.

ii. Can you make water to boil at 70°C?

iii. Explain briefly the phenomena of sublimation.

iv. write down the typical properties of liquids.

v. Ammonia gas is used as refrigerant 0.474 atm pressure is required to change 2000cm^3 sample of ammonia initially at 1 atm to 4.22 dm^3 at constant temperature. Show that this data obeys Boyle's law.

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Chemistry

Week: 7

Day: 1

5.1. TYPICAL PROPERTIES OF GASES

Q.1. Answer the following questions?

1. Write the names of the six properties of gases.
2. Define diffusion. Give one example from daily life to explain it.
3. Define effusion.
4. Write three differences between diffusion and effusion.

Day: 2

Q.1. Answer the following questions?

1. Define pressure. Write its formula.
2. What is meant by one atmosphere?
3. Fill in the blanks
    1 atm = ----------mm Hg = -------- torr = ---------- kPa =-------------- Pa
4. What is the SI unit of pressure?

Day: 3

Q.1. Answer the following questions?

1. Define Pascal.
2. What is the bigger unit of pressure?
3. Why are gases highly compressible?
4. Why are gases mobile?

Day: 4

Q.1. Answer the following questions?

1. Why have gases relatively low densities under normal conditions?
2. Why do densities of gases decrease on cooling?
3. What is the effect of temperature on densities of gases?
4. What is the density of oxygen at 20 ^{0}C and at 0 ^{0}C? Explain it.

Day: 5

Q.1. Answer the following questions?

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CLASS 9

1. What is the effect of pressure on the volume of gas?
2. What is the effect of temperature on the volume of gas?
3. Why volume of gas decreases on increasing pressure?
4. Why volume of gas increases on increasing temperature?

Week: 8

Day: 1

Q. Write four MCQ's from the top 5.1. (Typical Properties of gases)

Day: 2

5.2. LAWS RELATED TO GASES

Q.1. Answer the following questions?
1. What are four variable in a sample of gas?
2. Define gas law.
3. State and explain Boyle's Law.
4. State and explain Charle's Law.

Day: 3

5.3. TYPICAL PROPERTIES OF LIQUID

Q.1. Answer the following questions?
1. What are the typical properties of liquid?
2. Define evaporation. Give one example
3. Is evaporation a cooling process?
4. Name the factors that affect the process of evaporation.

Day: 4

Q.1. Answer the following questions?
1. What are closed chains or cyclic compounds? Give examples
2. What is the effect of heating on the process of evaporation?
3. Why ether evaporates quickly than water.
4. *Wet clothes dry quickly in summer than in winter? Explain why*
5. When you put nail polish remover on your palm you feel a sensation of coldness?

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Day: 5

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

1. Define vapour pressure?
2. Define condensation?
3. When is equilibrium established between evaporation and condensation?
4. What is the effect of heating on the process of evaporation?
5. What is the effect of temperature on vapour pressure?
6. *Does vapor pressure depends upon the nature of a liquid?*

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CLASS 9

CLASS 9

Computer

ST. MARY'S ACADEMY

CLASS 9

Name: _____   *Section:* _____

Subject: Computer   *Total Marks: 25*

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

  I.   **Which one is the output device?**

   A) Scanner   B) Microphone

   C) Printer   D) Barcode reader

  II. **Device used to input sound in to the computer.**

   A) Keyboard   B) Mouse

   C) Scanner   D) Microphone

  III. **Optical storage device used to store data.**

   A) Compact Disk   B) Hard Disk

   C) Memory Card   D) USB Flash Memory

  IV. **A person who is responsible for the design, implementation and maintenance of a database in an organization.**

   A) Network Administrator   B) Database Administrator

   C) Software Engineer   D) Hardware Engineer

  V.   **A person who is responsible for installation, configuration and maintenance of computer networks in organizations.**

   A) Network Administrator   B) Database Administrator

   C) Software Engineer   D) Hardware Engineer

Q # 2: Give short answers of the following questions.   **(3x4=12)**

   1. Define system software.
   2. What are Device Drivers?
   3. Define Application Software.
   4. What is Open Source Software?

Q # 3: Describe the basic operations of computer.   **(8)**

ST. MARY'S ACADEMY

CLASS 9

*Name:*_____   *Section:* _____

Subject: Computer

Week 7 & 8

Q # 1: Why operating system is important software for a computer? Give any five reasons.

_____

_____

_____

Reasons

❖ _____

_____

❖ _____

_____

❖ _____

_____

❖ _____

_____

❖ _____

_____

2.1.1 OBJECTIVES OF OPERATING SYSTEM (O.S.)

Q # 2: Give any three objectives of operating system?

_____

_____

❖ _____

_____

❖ _____

_____

❖ _____

_____

2.1.2 FUNCTIONS OF OPERATING SYSTEM

Q # 3: Explain the main functions of operating system.

_____

_____

_____

_____

_____

Explanation:

Process Management

_____

_____

_____

_____

_____

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CLASS 9

Memory Management

_____

_____

_____

_____

_____

Input/output Management

_____

_____

_____

_____

_____

File Management

_____

_____

_____

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_____

Resource Management

_____

_____

_____

_____

_____

User Management

_____

_____

_____

_____

2.1.3 COMMON TYPES OF OPERATING SYSTEMS

Q # 4: What are the types of operating system?

_____

_____

_____

_____

_____

Q # 5: Describe the following computer interfaces.

    a) Command Line Interface

    b) Graphical User Interface

    c) Menu-driven Interface

  a) Command Line Interface (CLI)

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_____

_____

_____

_____

_____

b) Graphical User Interface (GUI)

_____

_____

_____

_____

_____

c) Menu Driven Interface

_____

_____

_____

_____

_____

Q # 6: What is DOS?

Disk Operating System (DOS)

_____

_____

_____

_____

_____

The following are some examples of DOS commands with their description

❖ **DIR**

_____

_____

❖ **FORMAT D:**

_____

_____

❖ **CD\PICS**

_____

_____

Q # 7: Mention few disadvantages of using DOS.

Disadvantages of using Dos

_____

_____

_____

_____

_____

Q # 8: Define UNIX?

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CLASS 9

_____

_____

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_____

_____

Q # 9: When was MS DOS introduced?

_____

_____

Q # 10: Write the types of menu driven operating systems.

_____

_____

_____

_____

_____

_____

ST. MARY'S ACADEMY

CLASS 9

CLASS 9

URDU

Name: _____   *Section:* _____

Subject: Urdu   <mark>*Assessment No. 3*</mark>   *Total Marks: 25*

سوال نمبر۱۔ متن کی روشنی میں درست جواب کی نشاندہی کریں۔   ۱۰

۱۔ سلیم کو کس نے آ کر جگایا؟

الف۔ نصوح نے   ب۔ بیدار نے   ج۔ ماں نے   د۔ حضرت بی نے

۲۔ میر تقی میر کے والد کا نام تھا؟

الف۔ باقر علی   ب۔ علی متقی   ج۔ تقی علی   د۔ میر علی متقی

۳۔ ماں کی گود میں کون سویا ہوا تھا؟ے

الف۔ سلیم   ب۔ بلی   ج۔ لڑکی   د۔ بیدار

۴۔ میر تقی میر نے وفات پائی؟

الف۔ ۱۸۰۷ء میں   ب۔ ۱۸۰۸ء میں   ج۔ ۱۸۰۹ء میں   د۔ ۱۸۱۰ء میں

۵۔ اکثر کون گھبرایا کرتا ہے؟

الف۔ چور   ب۔ مبتدی   ج۔ جھوٹا   د۔ نالائق

۶۔ مقطع کے لغوی معنی ہیں؟

الف۔ شروع کے   ب۔ آغاز کے   ج۔ توڑنے کے   د۔ کاٹنے کے

۷۔ مولوی نذیر احمد پیدا ہوئے؟

الف۔ آگرہ میں   ب۔ بنارس میں   ج۔ بجنور میں   د۔ دہلی میں

۸۔ ڈاکٹر مولوی عبدالحق نے میر کو کہا ہے؟

الف۔ بادشاہِ غزل   ب۔ میر غزل   ج۔ سرتاجِ غزل   د۔ سرتاجِ شعرائے اردو

۹۔ نذیر احمد دہلوی کا شمار اردو کے ۔۔۔۔۔۔ میں ہوتا ہے؟

الف۔ سفر نگار   ب۔ افسانہ نگار   ج۔ ارکانِ خمسہ میں   د۔ ڈرامہ نگار

۱۰۔ شاعر اضطراب کی حالت میں کیا کرتا ہے؟

الف۔ دوڑتا ہے   ب۔ روتا ہے   ج۔ کھاتا ہے   د۔ در پہ جاتا ہے

سوال نمبر۲۔ مختصر جواب دیں۔   ۱۰

ا۔میر نے نیم ہ زآنکھوں کی مستی کو کیا قرار دیا ہے؟

۲۔حضرت بی کون تھیں اور انھوں نے سلیم کو کیا نصیحت کی؟

۳۔غزل کی تعریف لکھیں۔

۴۔سلیم نے چار لڑکوں کی کیا خوبیاں بیان کیں؟

۵۔ بیدار انے سلیم کو جگا کر کیا پیغام دیا؟

سوال نمبر ۳۔ دو دوستوں کے درمیان امتحان کی تیاری پر مکالمہ تحریر کریں۔ ۵

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Urdu   <mark>Worksheet No: 4</mark>

Week 7

(نصاب: سبق: پنچایت ۔ مصنف: منشی پریم چند ۔ صفحہ نمبر ۳۵ تا ۴۵)

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

Day one:	سبق کا بغور مطالعہ کیجیے۔ مشکل الفاظ کے معانی لغت سے تلاش کیجیے اور کم از کم ۲۰ الفاظ معانی تحریر کیجیے۔

Day .2	'' افسانہ '' کی تعریف لکھیے (کتاب اردو صفحہ نمبر ۴۴)
	''رمضان کی برکات '' کے موضوع پر استاد اور شائرد کے مابین مکالمہ تحریر کیجیے۔
	سوال نمبر ۹ مختلف محاوروں کو دو دو جملوں میں استعمال کیا گیا ہے۔ درست اور غلط کا نشان لگایے۔ (کتاب اردو صفحہ نمبر ۴۴)

Day .3	''منشی پریم چند'' اور سبق ''پنچایت '' کا مطالعہ کرتے ہوئے کم از کم ۲۰ MCQ'S تلاش کرکے درست جواب کی نشاندہی کیجیے۔
Day .4	''منشی پریم چند'' اور سبق ''پنچایت '' کا مطالعہ کرتے ہوئے درج ذیل کا حل تحریر کیجیے۔
	سوال نمبر ۲ متن کو مدِنظر رکھتے ہوئے خالی جگہ پر کیجیے۔ (کتاب اردو صفحہ نمبر ۴۲)
	سوال نمبر ۳ سبق ''پنچایت '' کو مدِ نظر رکھتے ہوئے درست اور غلط جملوں کی نشاندہی کیجیے۔ (کتاب اردو صفحہ نمبر ۴۳)
	سوال نمبر ۴ ۔ الفاظ الفاظ کے معانی لغت سے تلاش کرکے تحریر کیجیے۔ (کتاب اردو صفحہ نمبر ۴۳)
	سوال نمبر ۵ ۔ الفاظ کی مونث لکھیں۔ (کتاب اردو صفحہ نمبر ۴۳)
	سوال نمبر ۶ ۔ اعراب کی مدد سے تلفظ واضح کیجیے۔ (اعراب لغت سے تلاش کیجیے) (کتاب اردو صفحہ نمبر ۴۳)
Day .5	سوال نمبر ۸ ۔ عبارت کی تشریح کیجیے۔ سبق کا عنوان اور مصنف کا نام بھی لکھیں۔
	بھیا! جب سے تم نے ۔۔۔۔۔۔۔۔ حق اور انصاف کی زمین پر کھڑا اتھا۔

ST. MARY'S ACADEMY

CLASS 9

Week 8

نصاب: غزل ۔ شاعر: بہادر شاہ ظفر   (صفحہ نمبر ۱۴۰ تا ۱۴۴)

نوٹ: اردو کے کام کے لیے answer sheet یا note book 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۔

Day one: غزل کا بغور مطالعہ کیجیے۔ مشکل الفاظ کے معانی لغت سے تلاش کیجیے اور کم از کم ۲۰ الفاظ معانی تحریر کیجیے۔ (صفحہ نمبر ۱۴۱)

Day .2 سوال نمبر ۲ ۔ درج ذیل الفاظ اور تراکیب کے معنی لکھیے۔   صفحہ نمبر ۱۴۲

سوال نمبر ۳ ۔ اعراب لگا کر تلفظ واضح کیجیے۔ س (لغت سے دیکھ کر)   صفحہ نمبر ۱۴۲

سوال نمبر ۴ ۔ کالم (الف) کے الفاظ کو کالم (ب) کے الفاظ سے ملایے۔   صفحہ نمبر ۱۴۲

مجاز مرسل کی تعریف کیجیے۔ اور اسکی صورتیں تحریر کیجیے۔   صفحہ نمبر ۱۴۲ تا ۱۴۳

سوال نمبر ۱۰ ۔ متن کے مطابق مناسب لفظ کی مدد سے جملے مکمل کیجیے۔   صفحہ نمبر ۱۴۳

Day .3 سوال نمبر ۵ ۔ مقطع میں شاعر نے کس چیز کی تمنا کی ہے۔   صفحہ نمبر ۱۴۳

سوال نمبر ۶ ۔ ظفر کی غزل کو غور سے پڑھیے اور سوالوں کے جواب دیجیے۔   صفحہ نمبر ۱۴۳

(الف)   اس غزل کا مطلع کیا ہے؟

(ب)   اس غزل کا مقطع کیا ہے؟

(ج)   اس غزل کی ردیف کیا ہے؟

(د)   اس غزل کے چار قافیوں کی نشاندہی کیجیے۔

Day .4 سوال نمبر ۷ ۔ غزل کے پہلے شعر میں شاعر نے "اجزے دیار" کو کس کے لیے استعارہ استعمال کیا گیا ہے؟   صفحہ نمبر ۱۴۳

سوال نمبر ۸ ۔ مقطعے میں شاعر نے "دوگز زمین" کا کنایہ کس کے لیے استعمال کیا ہے؟   صفحہ نمبر ۱۴۳

Day .5 ظفر کے حالاتِ زندگی ظفر کی غزل گوئی اور ظفر کی اہم تصانیف   صفحہ نمبر ۱۴۰

(کلاس میں سکھائے گئے طریقے سے ظفر کا تعارف تحریر کیجیے)

CLASS 9

ETHICS

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Ethics   Total Marks: 25

Q1 Fill in the blanks. (use your neat copy for answers) (7)

(i)   _____decides between right and wrong.

(ii)   The first Teer Thinker was_____.

(iii)   _____has the highest importance in Jainism.

(iv)   _____is the finest from of matter.

(v)   Man has always been aware of the existence of _____.

(vi)   According to _____ this world is a place of preparation for the life to come.

(vii   In _____ physical meditation is stressed.

Q2 Answer the following questions in 3to 4 lines. (6x3=18)

1- What burning fire reminds Zoroasters?

2- What are the essential parts of Hindu worship?

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CLASS 9

3- What is the concept of worship in Islam?

4-   What is the relationship between religion and morality?

5- What are the common values of various religions??

6- What is the central idea of Jainism?

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CLASS 9

Name:_____   Section: _____

Subject: Ethics

After reading the lesson 1- 5 fill in the blanks. (use your neat copy for answers)

(1)   Religion is a part of the _____ nature of man.

(2)   Different religions were revealed at different _____.

(3)   _____ taught man the way of living his life.

(4)   _____ sense helps to distinguish between right and wrong, good and evil.

(5)   The study of self started in _____.

(6)   Inherited skills are called _____ behavior.

(7)   All the Events of man's life are stored in_____.

(8)   Basic responsibility of religion is to guide_____.

(9)   Aristotle and Plato have given more importance to_____than individual.

(10)   _____decides between right and wrong.

(11)   The first Teer Thinker was_____.

(12)   The last Teer Thinker was_____.

(13)   _____has the highest importance in Jainism.

(14)   _____is the finest from of matter.

(15)   _____pollutes the piety of spirit.

(16)   Spirit is enslaved by_____.

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CLASS 9

(17) The process of _____ is never ending.

(18) Man has always been aware of the existence of _____.

(19) Paley was western _____.

(20) Religions of the world are divided in to _____ parts.

(21) Ram and Kristen are the _____ of God.

(22) Currently there are _____ of worship places.

(23) According to _____ this world is a place of preparation for the life to come.

(24) In Hinduism a worship place is called a _____.

(25) The status represent the characterstics of _____.

(26) In Hindusim women mostly worship at _____.

(27) KunbhMela is a _____ festival.

(28) To bath in river _____ is considered a blessing .

(29) In _____ physical meditation is stressed.

(30) Vedanta focuses on getting _____.

(31) Status are decorated with flowers and _____.

(32) Zoroasters are worshippers of _____.

(33) Zoroasters temple is called _____.

(34) Zoroasters chant hymns or mantras in front of the _____.

(35) Fire reminds Zoroasters about their _____.

(36) In the Sub-continent Zoroasters are known as _____.

(37) In _____ the concepts of God does not exist.

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CLASS 9

(38) Buddhism places more emphasis on _____ education..

(39) In Buddhism there are _____ acts of worship.

(40) _____ performs the religious duties in Buddhism.

(41) In Buddhism _____ reads from the Holy book.

(42) A _____ has to avoid eating in the afternoon.

(43) Christianity began _____ years ago.

(44) The churches are mostly _____ in shape.

(45) The first church was built in _____.

(46) _____ is a holy day for worship in Christianity.

(47) The meaning of _____ is to pour water.

(48) Jesus fasted for _____ days.

(49) The Muslims face the _____ to perform their payers.

(50) In Sikhism the worship place is called _____.

Answer the following questions in 3 to 4 lines

1-   What is the role of religion in character building?

2-   What is instinctive behavior?

----------- ---

3-   What are the positive impacts of religion?

4-   What is the basic responsibility of religion?

5-   What is the central idea of Jainism?

6-   What five non -living things are to be eternal?

7-   What is the concept of worship in Islam?

8-   Name the schedule of five prayers?

9-   What is Gurudward?

10-   What is Guru Granth Sahib?

CLASS 9

ISLAMIYAT

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Islamiyat   <mark>Assessment No: 3</mark>   Total Marks: 15

(حصہ اول)

سوال ا۔ ہر سوال کے دیئے گئے چار ممکنہ جوابات میں سے درست جواب کا انتخاب کیجئے۔ (۵)

ا۔ ایمان والوں کی محبت شدید ہوتی ہے؟

ا۔ علماء سے   ب۔ منافقین سے   ج۔ فرشتوں سے   د۔ اللہ سے

۲۔ ایمان والو! تم آگے نہ بڑھو۔

ا۔ اللہ اور اسکے رسولﷺ سے   ب۔ حکومت سے   ج۔ رعایا سے   د۔ والدین سے

۳۔ نبوت کا سلسلہ۔

ا۔ جاری ہے   ب۔ ختم ہو گیا   ج۔ جاری ہو جائے گا   د۔ نہیں ہوگا

۴۔۸۔ میں تم سب کی طرف رسولﷺ ہوں اے۔

ا۔ لوگو   ب۔ مدینے والو   ج۔ مسلمانو   د۔ مکے والو

۵۔۱۰۔ یوم الفرقان سے مراد ہے۔

ا۔ فیصلے کا دن   ب۔ امتحان کا دن   ج۔ شادی کا دن   د۔ غم کا دن

(حصہ دوم)

س۲۔ مندرجہ ذیل سوالات کے مختصر جوابات تحریر کریں۔ (۱۰)

س۱۔۲۔ انسان کی عظمت کس میں ہے؟

_____

_____

_____

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CLASS 9

س۲۔ تقویٰ کا حق کب ادا ہوتا ہے؟

_____

_____

_____

س۳۔ رسول ﷺ کی محبت کا لازمی نتیجہ کیا ہے؟

_____

_____

_____

س۴۔ اللہ تعالیٰ کی محبت کے دعویٰ کی دلیل کیا ہے؟

_____

_____

_____

س۵۔ اطاعت و اتباع ﷺ کی عملی شکل سے کیا ہوتا ہے؟

_____

_____

_____

Name:_____   Section: _____

Subject: Islamiyat   <mark>Worksheet No: 4</mark>

(حصہ اول)

س۱۔ ہر سوال کے دیے گئے چار ممکنہ جوابات میں سے درست جواب کا انتخاب کیجئے۔

۱۔ جب کفار کے ساتھ جنگ ہو رہی ہو تو مسلمانوں کو حکم ہے؟

ا۔ سامان جنگ تیار رکھو   ب۔ ثابت قدم رہو   ج۔ آگے بڑھ کر حملہ کرو   د۔ بچوں کو قتل نہ کرو۔

۲۔ لا تنازعوا کا مطلب ہے؟۔

ا۔ تم صبر نہ کرو   ب۔ تم نہ مانگو   ج۔ تم قتل نہ کرو   د۔ تم آپس میں جھگڑا نہ کرو

۳۔ غزوہ بدر میں شرکت کے لیے کافر اپنے گھروں سے نکلے۔

ا۔ صبح کے وقت   ب۔ رات کے وقت   ج۔ اتراتے ہوئے   د۔ دن کے وقت

۴۔ کافر مسلمانوں کو روکتے ہیں؟

ا۔ سودا کھانے سے   ب۔ نماز پڑھنے سے   ج۔ اللہ کے راستے سے   د۔ جنگ کرنے سے

۵۔ محیط کے معنی ہیں

ا۔ دیکھنے والا   ب۔ سننے والا   ج۔ گھیراؤ کرنے والا   د۔ سزا دینے والا

۶۔ غزوہ بدر میں فرشتوں کو دیکھ کر شیطان۔

ا۔ نے حملہ کر دیا   ب۔ کافروں کی مدد کی   ج۔ میدان جنگ سے بھاگ گیا   د۔ رونے لگے

۷۔ غزوہ بدر میں شیطان نے کافروں سے کہا کہ میں۔

ا۔ جبریل سے ڈرتا ہوں   ب۔ نبی ﷺ سے ڈرتا ہوں   ج۔ اللہ سے ڈرتا ہوں   د۔ عمرؓ سے ڈرتا ہوں

۸۔شیطان نے کافروں کے اعمال کو۔

ا۔اچھا کہا   ب۔زینت والا بنا دیا   ج۔نیکی والا کہا   د۔ برا کہا

۹۔غزوہ بدر لڑی گئی؟

ا۔مکہ میں   ب۔طائف میں   ج۔بدر میں   د۔مدینہ میں

۱۰۔رشوت دینے اور لینے والا دونوں ہیں۔

ا۔خیرخواہ   ب۔معزز   ج۔جہنمی   د۔جنتی

(حصہ دوم)

س۲۔مندرجہ ذیل سوالات کے مختصر جوابات تحریر کریں۔

ا۔مسلمانوں کو کفار کے ساتھ جنگ کے وقت کن باتوں کے کرنے کا حکم دیا گیا ہے؟

۲۔مسلمانوں کو کافروں کے ساتھ مقابلہ کے وقت کن باتوں سے منع کیا گیا ہے؟

۳۔کفار کا کون سا عمل ہے جس کو کرنے سے مسلمانوں کو رو کا گیا ہے؟

۴۔کون کافروں کا گھیراؤ کر سکتا ہے؟

۵۔غزوہ بدر میں شیطان نے کافروں کو کیسے بہکایا؟

۶۔شیطان نے کافروں سے کیا کہا؟

۷۔غزوہ بدر میں لڑائی کے وقت شیطان نے کیا عمل کیا؟

۸۔حدیث میں کس شخص کے بارے میں فرمایا گیا کہ وہ ہم میں سے نہیں ہے؟

۹۔رشوت کی مذمت میں حدیث کا ترجمہ لکھیے۔

۱۰۔رشوت دینے والا اور لینے والے میں کیا فرق ہے؟

(حصہ سوم)

نوٹ۔ درج ذیل سوالات کے تفصیلی جوابات تحریر کریں۔

س۳۔ حدیث ۷ اور ۸ ،کا ترجمہ اور تشریح تحریر کریں۔ نیز ان احادیث کا عملی زندگی سے تعلق بھی واضح کریں۔

نوٹ۔ یہ ورک شیٹ (سورۃ الانفال رکوع ۶ حدیث ۷ اور ۸)

سے تیار کی گئی ہے؟

CLASS 9

ENGLISH

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: English   <mark>Assessment No. 3</mark>   Total Marks: 25

Q.1 Punctuate the following **(5)**

1. my dear uncle if they put the sun in my right hand and the moon in my left even then i shall not abandon the proclamation of the oneness of god i shall set up the true faith upon the earth or perish in this attempt
2. it is narrated that hammad said to caliph walid bin yazid I can recite to your for each letter of the alphabet one hundred long poems without taking into accounts short pieces and all of that composed exclusively by poets before the promulgation of islam

Q.2: Identify the kinds of following sentences. (Exclamatory, assertive, interrogative, negative, imperative) **(5)**

- Art is another subject in which I am particularly interested.
- What a beautiful painting!
- Teach him to learn.
- How would I know?
- She did not make a false statement.

Q.3 Answer the following questions. **(3*5=15)**

1. How will you define patriotism?

2. What are the qualities of a patriot?

3. What was the first revelation?

4. Why did the Pagan Arabs threaten the Holy Prophet's Uncle?

5. What did Hazrat Ayesha (R.A) say about the life of Holy Prophet (P.B.U.H)?

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: English

(7TH Week, Day 1)

1. **Paragraph Writing**
   - A STREET QUARREL.
   - THE ROLE OF GAMES IN OUR LIFE

(7TH Week, Day 2)

Q.1: **Change into voice.**

- Open the door
- Don't open the door
- Media helps people to share knowledge.
- Their feelings and opinions are expressed through it.
- Media attracts the attention of a very large audience
- After entering the house we switch on the television.
- It not only informs us but also entertains us.

(7TH Week, Day 3)

Q.1 Fill in the blanks with a suitable noun.

Safety, excitement, destruction , activity, helplessness, hopelessness, ability, justification.

1. Doctors are concerned with _____ of patients.
2. In a state of _____ she cried loudly
3. Floods also cause large scale_____
4. Positive _____will keep you healthy.
5. Her _____ was quite obvious.
6. She was in a state of _____.
7. She has the _____ required for the job.
8. Have you any _____ of this act?

Q.2: Identify personal, possessive reflexive and indefinite pronouns.

ST. MARY'S ACADEMY

CLASS 9

- This is my book.
- Salman is absent because he is ill
- You will hurt yourself
- Nobody was there to rescue the child.

(7TH Week, Day 4)

Q.1: Answer the following questions.

1. What is the most important function that media performs?
2. What are the two major means of communication?
3. How does media provide entertainment?
4. What happens when media is allowed to play its role unchecked?

(7TH Week, Day 5)

Q.1: Answer the following questions.

1. Guess the meaning of tutorial.
2. What type of information does it provide?
3. Is TV taking away a habit of reading?
4. Which is your favorite TV program why?

(7TH Week, Day 5)

Q.1: Provide the meanings of the following sentences.

- Mad with anger
- Fit of fury
- Revealed the secret
- Resolute
- Alleviate
- Migration
- Companion
- Refuge
- Give away
- Determined

(8TH Week, Day 1)

Q.1: Answer the following questions.

ST. MARY'S ACADEMY

CLASS 9

1. What happened when Abu Jahl asked Hazrat Abu Bakar (R.A)?
2. Why was Abu Quhaffa (R.A) worried?
3. How did Hazrat Asma (R.A) console her grandfather?
4. Who was Hazrat Abuduallah bin Zubair (R.A)?

(8TH Week, Day 2)

Q.1: Answer the following questions.

1. Which incident in the story tells about the generosity of Hazrat Asma(R.A)
2. What message do you get from the life of Hazrat Asma (R.A)
3. "She lived a life of hardships but never swerved" comment.
4. Which incident in the story showed Hazrat Asma' love and respect for the Holy Prophet(P.BU.H)

(8TH Week, Day 3)

Write a paragraph n the following topic.

- Recent flood in Pakistan
- How to reduce pollution

(8TH Week, Day 4)

1. Write a letter to your neighbor about calmness for the benefit of a person who is seriously ill.

(8TH Week, Day 5)

1. Write a letter to a newspaper appealing for the victims of flood.

CLASS 9

MATHS

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Mathematics   *Total Marks: 25*

Choose the best one.

1. The relation of $y = \log_z x$ implies

    (a) $y = x^z$

    (b) $y = z^x$

    (c) $z = x^y$

    (d) $z = y^x 3$

2. The logarithm of unity to any base is

    (a) 1

    (b) 10

    (c) e

    (d) 04.

3. $\log e =$ _____ where e = 2. 718

    (a) 0

    (b) 0.4343

    (c) 5

    (d) 1

4. The value of $\log (p / q)$ is ___

    (a) $\log p - \log q$

    (b) $\log p \times \log q$ (c) $\log p + \log q$

    (d) $\log q - \log p 7$.

5. For common logarithm, the base is_

    (a) 2

    (b) 10

    (c) e

    (d) 1

SECTION II

i) Write in the form of sum or difference log (25 × 89)

II) Find the alue of x $\log_x = 64$

III) Expres the number in common notation $9.018 * 10^{-6}$

IV) Write in the form of single logarithm. 2 log x- 3 log y

V) Find the value of x.   log x = 2.4345

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Mathematics   <mark>Worksheet No: 4</mark>

Choose the best one.

1. Every real number is _____

    (a) A positive integer

    (b) A rational number

    (c) A negative integer

    (d) A complex number

2. Real part of 2ab (-2+ i)i is _____

    (a) 2ab

    (b) −2ab

    (c) 2abi

    (d) −2abi

3. Imaginary part of −i(3i+2) is_

    (a) −2

    (b) 2

    (c) 3

    (d) −3

4. The conjugate of 2 + 3i is ___

    (a) 2 − 3i

    (b) −2 −3i

    (c)−2 + 3i

(d) 2 + 3i

5. The logarithm of any number to itself as base is___

    (a) 1

    (b) 0

    (c) −1

    (d) 10

6. log e = _____ where e = 2. 718

    (a) 0

    (b) 0.4343

    (c) 5

    (d) 1

SECTION II

i) Prove that $\log_a mn = \log_a m + \log_a n$

II) Prove that $\log_a m/n = \log_a m - \log_a n$

III) Prove that $\log_a m^n = n \log_a m$

IV) Write in the form of single logarithm. $2 \log x - 3 \log y$

ST. MARY'S ACADEMY

CLASS 9

V) Factorize the cubic polynomial $x^3 - x^2 - 22x + 40$

vi) Find the value, log 32 where log 2 = 0.3010, log 3 = 0.4770 and log 5 = 0.6990

V) Factorize the cubic polynomial $3x^3 - x^2 - 12x + 4$

CLASS 9

Physics

ST. MARY'S ACADEMY

CLASS 9
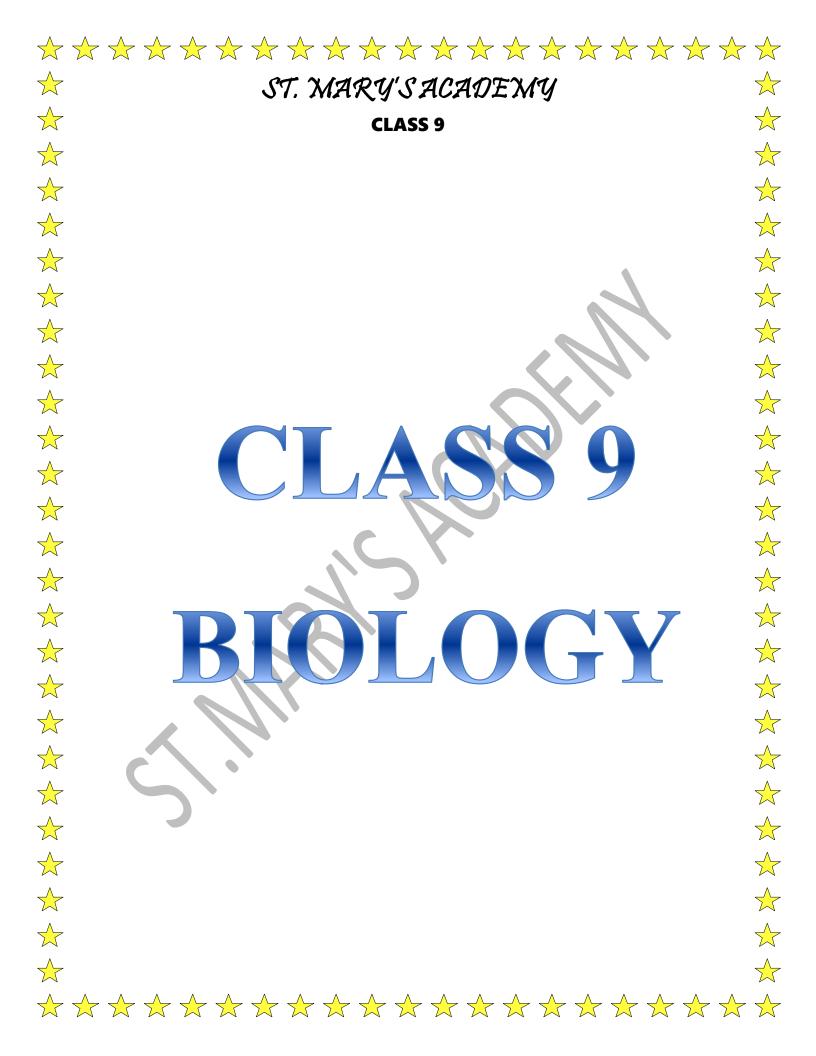
Name:_____   Section: _____

Subject: Physics   ==Assessment No. 3==   Total Marks: 25

Q1) Fill in the blanks: **(1x5 = 5)**

    I.   The height of moon is _____ from the Earth.

    II. The value of the mass of the Earth is _____.

    III. The value of "g" at a distance of two Earth's radius above the Earth's surface is _____.

    IV. Work done is maximum when the angle between force and displacement is _____.

    V. If the velocity of an object becomes double then K.E will be _____.

Q 2)   Give short answer of the following.   **(3x4=12)**

    I.   How much work is done by a person holding a bucket full of water?

    II. What are artificial satellites?

    III. Does the weight of an apple increases, decreases or remain constant when taken to the top of a mountain?

    IV. What are the factors on which K.E depends?

Q3) a)   What is K.E? Derive the formula of K.E.   **(5)**

b)   A crate is moved by pulling the rope attached to it. It moves 10 m on a straight horizontal road by a force of 100N .How much work will be done.   **(3)**

1. The rope is parallel to the road.

2. The rope is making an angle of 30° with the road.

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Physics   <mark>Worksheet No: 4</mark>

Fill in the blanks:

I.   Moon completes its revolution in _____ days around the Earth
II. The height of Geostationary satellites is _____
III. GPS is the abbreviation of _____
IV. The velocity of low orbital satellites is _____
V.   8ooom/s=_____km/hr.
VI. The value gravitational constant G =_____.
VII. The number of GPS satellites is _____.
VIII. The height of moon is _____ from the Earth.
IX. The value of the mass of the Earth is _____.
X.   The value of "g" at a distance of two Earth's radius above the Earth's surface _____.
XI. The work done is the product of _____ and _____.
XII. The unit of work is _____.
XIII. 1 J = 1 _____ x1 _____.
XIV. Work done is maximum when the angle between force and displacement is _____.
XV. The angle between the force and displacement is 90° then the work done is _____.
XVI. The energy due to the motion is called _____.
XVII. If the velocity of an object becomes double then K.E will be _____.
XVIII. The formula of K.E is _____.
XIX. The moving molecules possess _____ energy.

Q 1:   Write short answers of the following

I.   Give the difference between 'g' and 'G'.
II.   Who gave the idea of Gravity?
III. What are the different factors on which K.E depends?
IV.   Define Energy. What is the different form of energy?
V.   How much work is done by a person holding a bucket full of water?
VI.   Does the weight of an apple increases, decreases or remain constant when taken to the top of a mountain?
VII. What is P.E? What are the different types of P.E ?
VIII. Define work and unit of work.

ST. MARY'S ACADEMY

CLASS 9

IX. Why Law of gravitation is important to us?

X. Can we determine the mass of our moon? If Yes, then what you need to know?

Explain the following questions in detail

Q2 a) A polar satellite is launched at 850 km above Earth. Find its orbital speed.

b) What are satellites? Derive the formula of speed of an artificial satellite revolving very close to the Earth.

Q3 a) How can you calculate the mass of the Earth by Law of Gravitation? Explain

b) Find the value of 'g' due to the Earth at geostationary satellites. The radius of the geostationary orbit is 48700km.

Q4 a) What is Kinetic energy? Derive the formula of Kinetic energy? Explain.

b) A crate is moved by pulling the rope attached to it. It moves 10 m on a straight horizontal road by a force of 100 N. How much work will be done if?

1. The rope is parallel to the road.

2. The rope is making an angle of 30° with the road.

CLASS 9

BIOLOGY

ST. MARY'S ACADEMY

CLASS 9

Name:_____   Section: _____

Subject: Biology   <mark>Assessment No. 3</mark>   Total Marks: 25

self-assessment - 3a (30-4-2020)

Q1.Multiple choice questions:

i)   Reasoning is used in ----------------
   a) Observation   b) deduction   c) experimentation   d) hypothesis

ii) First step of biological method ------------------

   a) Recognition b) deduction   c) experimentation   d) observation

iii) Most basic step of biological method is--------------------

   a) Recognition b) deduction   c) experimentation   d) b&c

iv)   ------------------- is honored as the founder of medicine

   a) Bu ali sina   b) Jabir bin Hayan   c) Abdul Malik Asmai   d) a&b

v) Study of insect is called ----------------

   a)Immunology b) parasitology c) entomology d) anatomy

Q2. Short answer:

i)   Differentiate cell biology and histology
ii)   Define biogeography
iii) Name the five senses used for recognizing biological problem or observation
iv) What is meant by summarization of results?
v)   Give hypothesis and deduction drawn on the basis of Laveran's work?

Self-assessment - 3b (7-5-2020)

Q1.Multiple choice questions:

i)   study of fossils is called ----------------------
   a) paleontology   b) physiology   c) histology   d) cytology

II)   Profession which deals with the art of gardening------
   a) Farming b) horticulture   c) physiology d) agriculture

III)   1 litre of ethanol equal to------------gram.

a) 798   b) 789   c) 787   d) 879

IV)   Human population in Pakistan in 2010 comprises --------million individuals.

a)177.5   b) 174.5   c) 173.5   d) 172.5

v)   At least ----------millions of organism inhabit the earth.

a) 10   b) 5   c) 10.5   d) 11

Short answers:

i)   Write a note on Laveran's contribution in solving biological problem (malaria).

ii)   Describe level of cellular organization.

iii)   Define a) biotechnology b) biogeography c) entomology

iv)   Write a note on data analysis with suitable example.

v)   Differentiate biomathematics and bioinformatics.

Self-assessment/revision assignment   May 12, 2020.

i)   Study of interaction between organism and their environment is called------

a) socio- biology b) taxonomy   c) parasitology d) environmental biology

ii)   Calculation of cost value and profit value of animal and plants study in--------------

a)Biometry   b) bio economics   c) biophysics   d) a&b

iii)   ----------book written by bu ali sina

a) Al haywan b) al wahoosh   c) al qanun fil tib d)khalq al insan

iv)   More than one type of tissue having related function organized to make -----

a)Muscular tissue   b) organ   c) individual   d) all

v)   Reasoning is used in ---------------

a) Observation   b) deduction   c) experimentation   d) hypothesis

vi)   ----------------spread malaria in birds.

a) Culex   b) anopheles   c) aedes   d) a & c

vii)   Biodiversity is richest in -----------------

a)Temperate region b) tropics   c) polar region   d) forests

Short answers:

i)   What are the aims of classification?

ii)   How you describe that mathematics is an integral part of scientific processes

iii)   Give hypothesis and deduction about malaria made on the basis of A.F.A.King

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CLASS 9

iv)   Differentiate experimental and control group

v)   Differentiate quantitative and qualitative observations

vi)   How colonial organization differ from multicellular organization

vii)   differentiate between organ and organ level system

viii)   ) Describe the contribution of Abdul Malik asmai and bu Ali sina.

ix)   Differentiate anatomy and histology.