



ST. MARY'S ACADEMY

CLASS 9



CLASS 9

Pak. Studies





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CLASS 9

Name: _____ Section: _____

Subject: Pak. Studies **Assessment # 2** Marks: 15

Fill the blanks: (/6)

1. The total area of Pakistan is _____ sq. km.
2. Tochi and Gomal Passes are situated in _____
3. _____ is a piece of land lies between two rivers.
4. The average temperature of coastal area is about _____ degree.
5. _____ is the highest peak of Himalayan Range.
6. India lies in the East of Pakistan and has almost _____ km common a
Border.

SHORT QUESTIONS (/9)

1. What are the hazards to our environment now-a-days?
 2. Write any five steps taken by the government to reduce environmental pollution.
 3. Write five reasons for decreasing of forests.
-





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CLASS 9

Name: _____

Section: _____

Subject: Pak. Studies

Worksheet No: 3

Week 5

Note: Answer the following short questions (discussed in online class).

1. Which is the famous peak in the Greater Himalayan Range? (pg.# 57)
2. Write the names of five natural regions of Pakistan. (pg.# 7)
3. What steps are taken by the government to improve forests? (pg.# 82)
4. What is Durand Line? (pg# 55)
5. Name the physical features of Pakistan. (pg.# 56)
6. Write down the names of Central Asian Countries. (pg.# 55)
7. What is the importance of Afghanistan and Central Asian Countries for Pakistan?
8. What is the importance of Northern Mountains?

Week 6

Note: Answer the following short questions.

1. Write down the names of world's highest passes of Karakoram Range.
2. Name the valleys located in the Hindu Kush Range.
3. What is the height of Nanga Parbat?
4. What is mountain? (pg.# 56)
5. Where does Salt Range Located?
6. Name the tributaries of River Indus.
7. Write the name of endanger species.
8. Write the causes of decreasing of wild life.
9. Name the mountains of Western Ranges. (pg.# 60)





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CLASS 9

Chemistry



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Name: _____ Section: _____

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

1. Encircle the correct answer.

(5)

- i) In gases the particles are -----
a. Very near b. far apart c. having strong attractive forces d. near
- ii) Which of the following is not the unit of pressure
a. kpa b. mm of Hg c. torr d. m³
- iii) Volume of given mass of a gas is directly proportional to the absolute temperature. Is the statement of
a. Boyle's law b. Charle's law c. Avogadro's law d. universal gas law
- iv) Absolute temp means ... temp in
a. Degree centigrade b. Fahrenheit c. Kelvin scale d. none of them
- v) the volume of given amount of a gas is inversely proportional to the applied ----- is the statement of Boyle's law
a. pressure b. no. of moles c. temperature d. mass of gas

2. Give short answers.

(4x5 =20)

- i) What is the effect of decreased pressure on boiling point of a liquid?
- ii) Define Boyle's law. Derive mathematical equation for this law.
- iii) Describe the inter-relationship of different units of pressure
- iv) Differentiate between diffusion and effusion
- v) Why level of water decreases in an aquarium, even though if it is not leaked?



★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★
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★ CLASS 9 ★

Name: _____ Section: _____

Subject: Chemistry

Worksheet No: 3

Week- 5

Day 1

1. Encircle the correct answer.

1. Which of the following expand or compressed easily

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

2. Diffusion is faster in:

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

2. Give short answers or solve the numerical.

i. A chemist obtained data from an experiment is as follow

Temperature ° C	Volume (cm ³)
25	117.5
30	119.4
35	121.3

Explain volume – temperature relationship between them.

ii. Write down the mathematical form of Boyle's law.

Day 2

1. Encircle the correct answer

1. Gases exerts pressure in all directions

- (a) Uniformly (b) Randomly (c) Alternately

2. Which principle is used in working pressure cooker?

- (a) Boiling point increased by increasing the external pressure





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- (b) Boiling point decreased by decreasing the external pressure
- (c) Boiling point increased by increasing the external pressure
- (d) None of these

2. Give short answers or solve the numerical

- i) When you put nail polish remover on your palm you feel sensation of coldness .Why?
- ii) A sample of neon gas filled in neon signs has a volume of 1500cm^3 at a pressure of 636 torr. The volume of the gas after it is pumped into the glass tube of the sign is 1213.74 cm^3 . When it shows a pressure of 786 torr. Show that this data obeys Boyle's law.

Day 3.

1. Encircle the correct answer.

i. Red phosphorus is:

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

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

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

2. Give short answers or solve the numerical

- i) Wet clothes dry quickly in summer than in winter. Why?
- ii) Ethene is used as anaesthetic gas. The pressure on 2.5 dm^3 of it changes from 1.05 to 10 atm. The volume becomes to 1.25 dm^3 . If the temperature remains constant. Explain this using Boyel's law.

Day 4

1. Encircle the correct answer.

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

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

ii. The transition temperature of tin is:





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- (a) 96°C (b) 250°C (c) 18°C (d) 100°C

2. Give short answers or solve the numerical

- i. Sodium chloride is an ionic compound, has a melting point of 801°C. Whereas molecular solid such as ice has relatively low melting point of 0°C. Explain the difference.
- ii. The boiling point of water on the top of Mount Everest is 70°C, while at Murree 98°C. Explain this difference.

Day 5

1. Encircle the correct answer.

- i. Oxygen has two allotropic forms:
(a) O₂ and O₄ (b) O₂ and O₃ (c) O and O₃ (d) O₂ and O
- ii. Plastics, glass rubber, lamp-black etc. are the examples of:
(a) Crystalline solids (b) Super cooled liquids
(c) Amorphous solids (d) Ionic solids

2. Give short answers or solve the numerical

- i. what is the effect of increased external pressure on boiling point of a liquid?
- ii. Name two substances that are solid at 25°C and two that are liquid.

Week 6

Day 1

1. Encircle the correct answer.

- i. The temperature at which the solid and liquid phases of a substance co-exist:
(a) Freezing point (b) Boiling point (c) Melting point (d) Equilibrium
- ii. The existence of solid in different physical forms is called:
(a) Crystals (b) Allotropy (c) Evaporation (d) Transition





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2. Give short answers or solve the numerical.

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 °C
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?

Day 2

1. Encircle the correct answer.

i. It depends upon the nature of liquid, intermolecular forces and external pressure.

(a) Melting point (b) Freezing point (c) Boiling point (d) None of these

ii. The conversion of a liquid into vapours at all temperature is called.

(a) Evaporation (b) Boiling (c) Melting point (d) freezing

2. Give short answer or solve the numerical.

i. What type of attractive forces do you expect between the molecules of HF and HCl?

ii. Following table shows data collected by a student from an experiment.

Volume (dm ³)	Pressure (mm of Hg)
400	353.5
320	442
240	589
200	707

Do you think that student collected data carefully?

Day 3

1. Encircle the correct answer.

i. Density is expressed in:

(a) g. cm⁻³ (b) g. dm⁻³ (c) Both A and B (d) None of these





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ii. Charles described, how gases tend to expand when heated:

- (a) 1882 (b) 1802 (c) 1820 (d) 1828

2. Give short answers or solve numerical

i. Fill in the blanks for the difference between crystalline and amorphous solids

Crystalline solids	Amorphous solids
Possess well defined arrangement of particles	
	Have non-repetitive array of particles
	Melts over a wide range of temperature.

ii. Explain briefly the phenomena of sublimation.

Day 4

1. Encircle the correct answer.

i. Mass per unit volume is called:

- (a) Pressure (b) Temperature (c) Density (d) Solubility

ii. Robert Boyle's was a natural:

- (a) Philosopher (b) Chemist (c) Physicist (d) All of above

2. Give short answers or solve numerical

i. Write down the typical properties of liquids.

ii. Ammonia gas is used as refrigerant 0.474 atm pressure is required to change 2000cm³ sample of ammonia initially at 1 atm to 4.22 dm³ at constant temperature. Show that this data obeys Boyle's law.



★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★
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★ CLASS 9 ★
★ Day 5 ★

1. Encircle the correct answer

- i. Matter exists in three physical states:
(a) Solid, liquid, plasma (b) Solid, water vapor
(c) Plasma, liquid, solid (d) Solid, liquid, gas
- ii. Which one of the following gases diffuse most slowly?
(a) H₂ (b) O₂ (c) N₂ (d) NH₃

2. Give short answers or solve numerical

- i. Write down the factors affecting evaporation.
- ii. What is distillation?



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CLASSE 9

Computer

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Name: _____ Section: _____

Subject: Computer Assessment No: 2 Total Marks: 25

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

I. According to functionality computer has _____ types.

- A) 4
- B) 3
- C) 5
- D) 6

II. Which computer is the fastest computer?

- A) Mainframe
- B) Minicomputer
- C) Microcomputer
- D) Supercomputer

III. Supercomputers are used in

- A) Large Organizations
- B) Schools
- C) Homes
- D) Both A & B

IV. Hybrid computers are used in

- A) Hospitals
- B) Homes
- C) Offices
- D) All of above

V. Examples of Analog computers are

- A) Thermometer, speedometer
- B) Pentium computers
- C) EBooks, Laptops
- D) Android Devices

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

1. Describe the Classification of Digital Computer.
2. What are the types of computers?
3. Describe the role of computer in Education.
4. What are output devices?

Q # 3: : What is Computer Memory? Describe its types. (8)





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CLASS 9

Name: _____ Section: _____

Subject: Computer

Worksheet No: 3

Week 5

Q#1: What are ports?

Q#2: What are Expansion Slots and Expansion Cards?

EXPANSION SLOTS AND EXPANSION CARDS

1.4 BASIC OPERATIONS OF A COMPUTER

Q#3: Describe the basic operations of computer.





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Input Operation

Processing Operation

Storage Operation

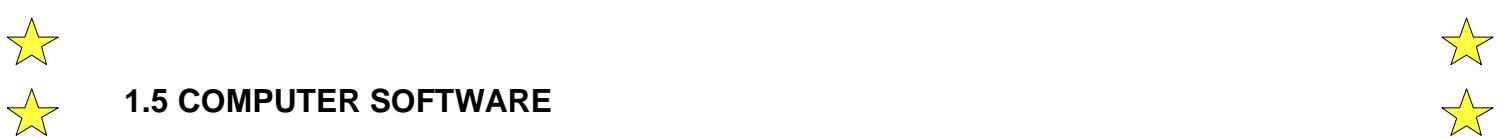
Output Operation





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1.5 COMPUTER SOFTWARE

Q#4: Define computer software.

1.5.1 SYSTEM SOFTWARE

Q#5: Define system software.

Q#6: What is operating system?

Operating System





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Q#7: What are Device Drivers?

Device Drivers

Q#8: What are Utility Programs?

Utility Programs

Week 6

Q#9: What are Language Processors?

Language Processors





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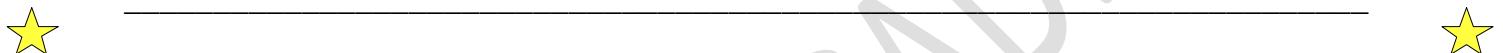
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1.5.2 APPLICATION SOFTWARE

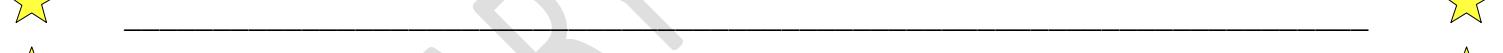


Q#10: Define Application Software.



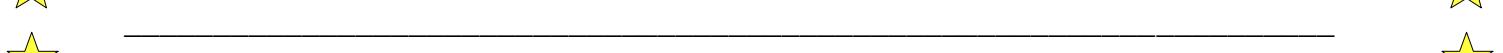
Q#11: What is Productivity Software?

Productivity Software



Q#12: What is Business Software?

Business Software





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Q#13: What is Entertainment Software?

Entertainment Software

Q#14: What is Education Software?

Education Software

1.5.3 OPEN SOURCE SOFTWARE, SHAREWARE AND FREWARE

Q#15: What is Open Source Software?

Open Source Software

Q#16: What is Shareware?

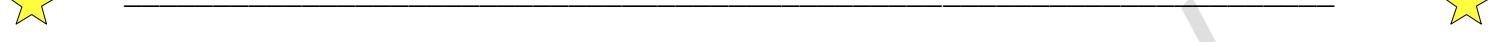
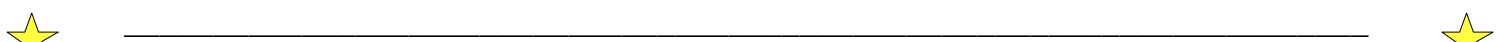
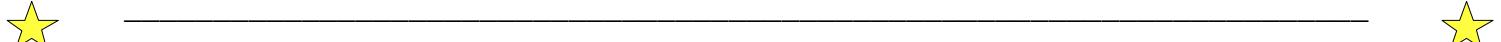
Shareware





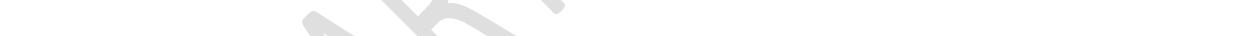
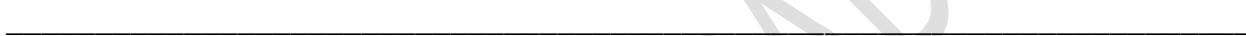
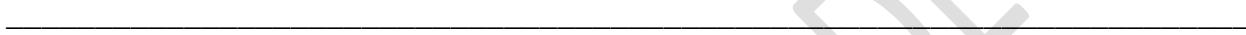
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Q#17: What is Freeware?

Freeware





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URDU



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CLASS 9

Name: _____ Section: _____

Subject: Urdu Assessment No.2 Total Marks: 25

10

سوال نمبرا۔ سبق کے متن کو ملاحظہ کر کر درست جواب کی نشان دہی کریں۔

۱۔ قاطع بربان کے مصنف کون ہیں؟

الف۔ ذوق ب۔ مومن

۲۔ امیر مینائی پیدا ہوئے؟

الف۔ آگرہ ب۔ بنارس

۳۔ مولانا محمد حسین کے والد کا نام تھا؟

الف۔ محمد علی ب۔ عارف علی

۴۔ صبا کہاں سے آتی ہے؟

الف۔ مکہ سے ب۔ پھولوں سے

۵۔ آزادی کی تصنیف کا نام ہے؟

الف۔ بازار حسن ب۔ زیور عجم

۶۔ انشاء اللہ خان ایک دن کس کی ملاقات کو آئے؟

الف۔ غالب کی ب۔ میر درد کی

۷۔ طوطی و بلبل کس کا ذکر کرتے ہیں؟

الف۔ اللہ کا ب۔ آپ ﷺ

۸۔ میر اور مرازہ کے کلام پر تکرار کرنے والے کس کے مرید تھے؟

الف۔ میر درد کے ب۔ غالب کے

۹۔ امیر مینائی کا انتقال ہوا؟

الف۔ ۱۶۰۰ء ب۔ ۱۷۰۰ء

۱۰۔ یہ مصرع اس زلف پہ بھتی شب دیجور کی سوجھی کس شاعر کا ہے؟

الف۔ انشاء کا ب۔ جرات کا

الف۔ درد کا ب۔ میر کا

ST. MARY'S ACADEMY

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10

سوال نمبر ۱۔ مندرجہ ذیل سوالات کے مفہر جوابات لکھیں۔

۱۔ شریف زادے کی غزل سن کر سودانے کیا کہا؟

۲۔ شاعر اپنی حرمت و آبرو کس بات میں خیال کرتا ہے؟

۳۔ خواجہ صاحب اپنے اس شاگرد سے کیا کہا کرتے تھے، جو اکثر بے روزگاری کی شکایت سے سفر کا ارادہ کیا کرتے تھے؟

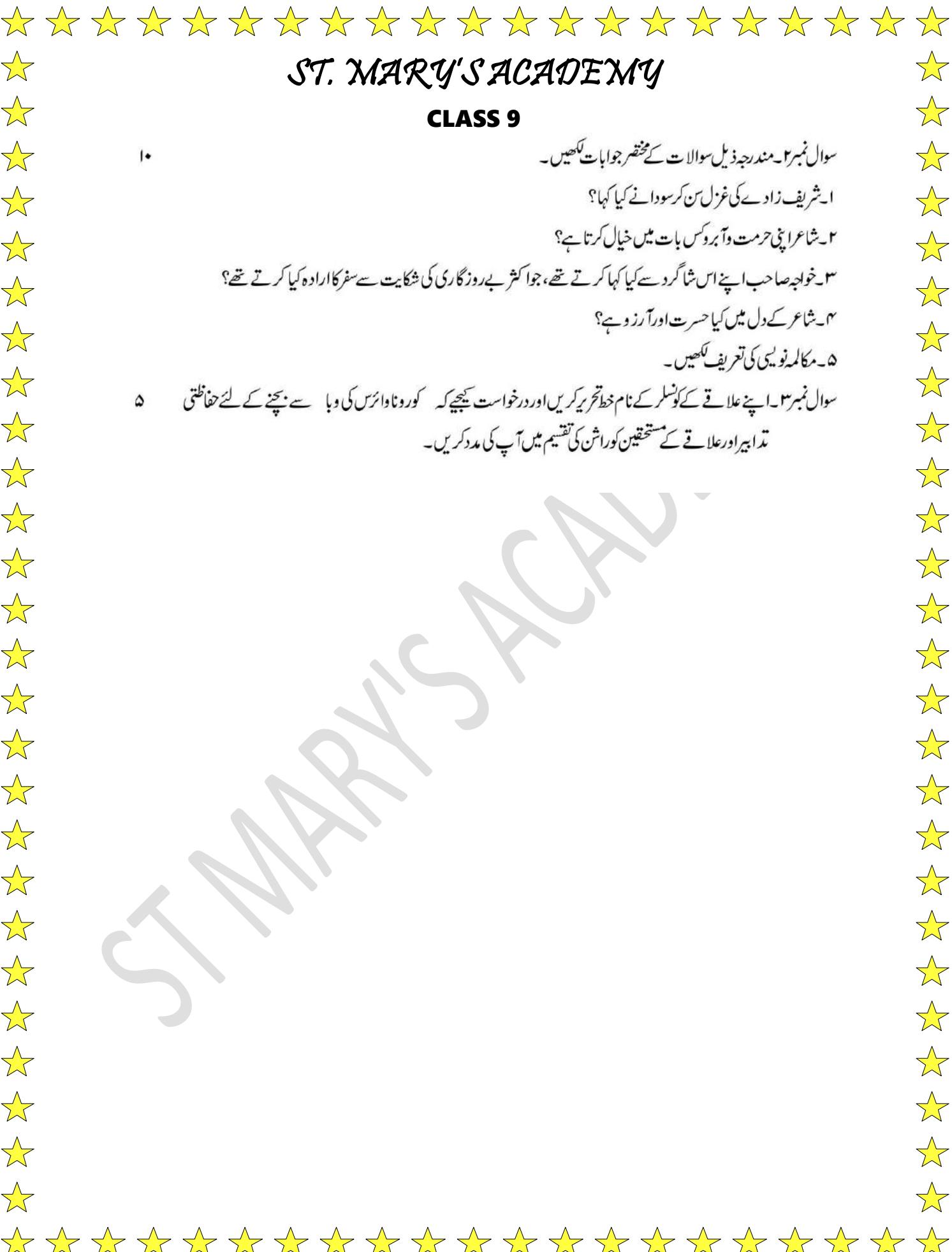
۴۔ شاعر کے دل میں کیا حسرت اور آرزو ہے؟

۵۔ مکالمہ نویسی کی تعریف لکھیں۔

5

سوال نمبر ۲۔ اپنے علاقے کے کوئلے کے نام خط خیر کریں اور درخواست کیجیے کہ کورونا وائرس کی وبا سے بچنے کے لئے حفاظتی

مذایر اور علاقوں کے مستحقین کو واشن کی تقسیم میں آپ کی مدد کریں۔





ST. MARY'S ACADEMY

CLASS 9

Name: _____

Section: _____

Subject: Urdu

Worksheet No: 3

work sheet .urdu SSC.I (Week 5) 2020

(نصاب: سبق: نصوح اور سلیم کی گفتگو۔ مصنف: ڈپٹی نذریاحمد بلوی۔ صفحہ نمبر ۷۲ تا ۷۳)

نوت: اردو کے کام کے لیے answer sheet یا note book کا استعمال کیجیے۔ نیلامار کراور نیلام بال پواخت یا پواخت کا استعمال کیجیے۔

سچے کے دونوں جانب حاشیہ لگائیے۔ خوشی کا ناس خیال رکھیے۔

سبق کا بغور مطالعہ کیجیے۔ مشکل الفاظ کے معانی لغت سے تلاش کیجیے اور کام بنا کر کم از کم ۲۰ الفاظ معانی تحریر کیجیے۔

: Day one

(کتاب اردو صفحہ نمبر ۳۳)

ناول کی تعریف لکھیے

Day .2

(قواعد و انشا صفحہ ۷۳)

”مریض اور طبیب“ کے مابین مکالمہ تحریر کیجیے۔

”ڈپٹی نذریاحمد“ اور سبق ”نصوح اور سلیم“ کا مطالعہ کرتے ہوئے کم از کم ۲۰ MCQ'S تلاش کر کے

Day .3

درست جواب کی نشاندہی کیجیے۔

سبق ”ڈپٹی نذریاحمد“ اور سبق ”نصوح اور سلیم“ کا مطالعہ کرتے ہوئے درج ذیل کا حل تحریر کیجیے۔

Day .4

(کتاب اردو صفحہ نمبر ۳۲)

سوال نمبر ۱۔ مندرجہ ذیل محاورات کے معانی لکھیے اور انہیں جملوں میں استعمال کریں۔

(کتاب اردو صفحہ نمبر ۳۲)

سوال نمبر ۲۔ الفاظ کی جمع لکھیے۔

(کتاب اردو صفحہ نمبر ۳۲)

سوال نمبر ۳۔ الفاظ کا تنظیم اعراب کی مدد سے واضح کیجیے۔ (اعرب لغت سے تلاش کیجیے)

(کتاب اردو صفحہ نمبر ۳۲)

سوال نمبر ۴۔ متن کو مذکور رکھتے ہوئے خالی جگہ پر تحریر کیجیے۔

(کتاب اردو صفحہ نمبر ۳۲)

سوال نمبر ۵۔ مصنف کا نام، سبق کا عنوان اور اقتباس کا نصابی سبق میں موقع اور محل درج کرتے ہوئے مندرجہ ذیل اقتباس کی تشریح کیجیے۔

Day .5

(کتاب اردو صفحہ نمبر ۳۲)

کئی برس سے اس محلے ۔۔۔۔۔ جھوٹی شکایت بھی تو نہیں کی۔

ST



ST. MARY'S ACADEMY

CLASS 9

work sheet .urdu SSC.I (Week .6)April 2020

صفحہ نمبر ۱۲۷ تا ۱۲۹

نصاب: غزل۔ شاعر: میر قی میر

نوت: اردو کے کام کے لیے note book یا answer sheet کا استعمال کیجیے۔ نیلاما کرو اور نیلابال پوچھ یا پوچھ کا استعمال کیجیے۔
صفحے کے دونوں جانب حاشیہ لگائیے۔ خوشی کا خاص خیال رکھیے۔

غزل کا بغور مطالعہ کیجیے۔ مشکل الفاظ کے معانی لغت سے تلاش کیجیے اور کالم بنا کر کم از کم ۲۰ الفاظ معانی تحریر کیجیے۔ (صفحہ نمبر ۱۲۵)

:Day one

سوال نمبر ۱۔ مختصر جواب تحریر کیجیے Day .2

(الف) میر کی غزل میں رویف کون سے الفاظ میں؟

(ب) میر کی غزل کے چار قرانی لکھیے۔

(ج) دوسرے شعر میں ہونٹوں کو کس سے تشبیہ دی گئی ہے؟

(د) میر نے نہم بازاں تکھوں کی موتی کو کیا قرار دیا ہے؟

(ه) شاعر "اضطرب" کی حالت میں کیا کرتا ہے؟

ادبی اصطلاح میں "غزل" سے کیا مراد ہے؟ (تعریف لکھیے)

Day .3

"مولن اور مقطع" کی تعریف لکھیے۔ اور ایک ایک شعری مثال تحریر کیجیے۔

Day .4

سوال نمبر ۲۔ درج ذیل الفاظ کے معنی لکھیے اور جملوں میں استعمال کیجیے۔

سوال نمبر ۳۔ کالم (الف) کے الفاظ کو کالم (ب) کے الفاظ سے ملائیے۔

سوال نمبر ۴۔ مذکرا در مونث الفاظ اگلے الگ کیجیے۔

(صفحہ نمبر ۱۲۸ تا ۱۲۹)

صفحہ نمبر ۱۲۶

صفحہ نمبر ۱۲۵

صفحہ نمبر ۱۲۴

صفحہ نمبر ۱۲۳

صفحہ نمبر ۱۲۲

صفحہ نمبر ۱۲۱

صفحہ نمبر ۱۲۰

سوال نمبر ۵۔ اعراب لگا کر تلفظ واضح کیجیے۔ (لغت سے دیکھ کر)

سوال نمبر ۶۔ متن کے مطابق درست لفظ کی مدد سے مصروع کمل کیجیے۔

میر کے حالات زندگی، میر کی غزل گوئی اور میر کی اہم اصناف

Day .5

(کلاس میں سمجھائے گئے طریقے سے میر کا تعارف تحریر کیجیے)

STMK.



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CLASS 9



CLASS 9

ETHICS





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CLASS 9

Name: _____ Section: _____

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

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

- (i) A part of all religious books is based on _____ values.
- (ii) Non-intuitive religions are based on the study of _____ values.
- (iii) Religious teachings are based on fear of _____.
- (iv) All the Events of man's life are stored in _____.
- (v) Religion saves man from _____ diseases.
- (vi) A big part of religion is comprised of _____.
- (vii) Basic responsibility of religion is to guide _____.

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

1-Why the moral teachings of religion are effective?

2-What is disliked by every society?

3-Why does Mahaveer has highest importance in Jainism?





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4- What is the concept of God in Sikhism?

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

6- How the believers of Jainism take it?

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CLASS 9

Name: _____ Section: _____

Subject: Ethics Worksheet No: 3

After reading the lesson 4 and 5 fill in the blanks. (use your neat copy for answers)

- (1) God and deities are shown _____.
- (2) In Hinduism some rites are performed by the scholar of _____.
- (3) _____ hold a prominent position in Hinduism.
- (4) There are _____ fasts in Hinduism in the year.
- (5) Hindu yogis abstain from eating during _____ days.
- (6) Status are decorated with flowers and _____.
- (7) Zoroasters are worshippers of _____.
- (8) Zoroasters temple is called _____.
- (9) Zoroasters chant hymns or mantras in front of the _____.
- (10) Fire reminds Zoroasters about their _____.
- (11) In the Sub-continent Zoroasters are known as _____.
- (12) In _____ the concept of God does not exist.
- (13) Buddhism places more emphasis on _____ education.
- (14) According to _____ community Buddha was considered a God.
- (15) In Buddhism place of worship is called _____.
- (16) In _____ group there is no concept of any God.
- (17) In Buddhism there are _____ acts of worship.
- (18) _____ performs the religious duties in Buddhism.

Answer the following questions in 3 to 4 lines





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1- What is the central idea of Jainism?

2- What is the concept of God in Semitic religions?

3- How the entire universe is running?

4- In divine religions, what is the base of their faith?

5- What did Prophets tell about god?





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6- What is the concept of god in Zorastarism?

7-What is the concept of God in Sikhism?

8- Who guided men for worship?

9- How the worship places come in existence?





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10- What is concept of worship in Hinduism?

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CLASS 9

ISLAMIYAT





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CLASS 9

Name: _____ Section: _____

Subject: Islamiyat Assessment No: 2 Total Marks: 15

(حصہ اول)

سوال ۱۔ ہر سوال کے دیئے گئے چار ممکنہ جوابات میں سے درست جواب کا انتخاب کیجئے۔ (۵)

۱۔ اللہ تعالیٰ نے بارش برسا کر مسلمانوں کو کر دیا۔

ج۔ پاک صاف د۔ سکون

ب۔ خوش

ا۔ تازہ دم

۲۔ بارش سے مسلمانوں کے پاؤں۔

ج۔ اکھڑ گئے د۔ ہنس گئے

ب۔ جم گئے

۳۔ انھیں تم نے قتل نہیں کیا بلکہ انھیں قتل کیا ہے؟

ج۔ اللہ نے د۔ فرشتوں نے

ب۔ نکریوں نے

۴۔ یہ نکریاں آپ ﷺ نے نہیں ماریں بلکہ ماری ہیں۔

ج۔ ابایلوں نے د۔ اللہ نے

ب۔ فرشتوں نے

۵۔ ان احسانات سے مونوں کو

ج۔ بہلایا گیا د۔ ورگلایا گیا

ب۔ نواز اگیا

ا۔ آزمایا گیا



(حصہ دوم)

س ۱۔ مندرجہ ذیل سوالات کے مختصر جوابات تحریر کریں۔ (۱۰)

س ۲۔ درود شریف کی فضیلت پر کسی ایک حدیث کا ترجمہ لکھیے۔

س ۳۔ اللہ تعالیٰ کی نگاہ میں محبوب بننے کے لیے ہمیں کیا کرنا چاہیے؟





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س۳۔ گھری نیند کا مسلمانوں کو کیا فائدہ ہوا؟

س۴۔ اللہ تعالیٰ نے انسان کی کس قسم کی ضروریات پوری کر دی ہیں؟

س۵۔ علم کی اہمیت و ضرورت لکھیے۔

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CLASS 9

Name: _____

Section: _____

Subject: Islamiyat

Worksheet No: 3

(حصہ اول)

س۔ ہر سوال کے دیئے گئے چار مکانہ جوابات میں سے درست جواب کا انتخاب کیجئے۔

۱۔ انسان کو اپنے وجود اور کائنات پر غور و فکر کرنے سے پہلے چلتا ہے؟

۲۔ اللہ کے وجود کا د۔ انسانوں کے وجود کا ب۔ شیطان کے وجود کا ج۔ فرشتوں کے وجود کا

۳۔ ایمان والوں کی محبت شدید ہوتی ہے؟

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

۵۔ مومتنون کی جانوں سے بھی زیادہ قریب ہیں۔

۶۔ صحابہ کرام ج۔ اولیاء کرام ب۔ انبیاء کرام

۷۔ ایمان والوں کا آگے نہ بڑھو۔

۸۔ اللہ اور اسکے رسول ﷺ سے د۔ والدین سے ج۔ رعایا سے ب۔ حکومت سے

۹۔ محبت الہی کی دلیل ہے؟

۱0۔ نماز پڑھنا ج۔ کھلانا ب۔ اتباع کرنا

۱1۔ نبوت کا سلسلہ۔

۱2۔ جاری ہے ج۔ ختم ہو گیا ب۔ ختم ہو گیا

۱3۔ سابقہ انبیاء مبعوث ہوئے تھے۔

۱4۔ عرب کے لیے د۔ علاقوں اور قبیلوں کے لیے ب۔ عجم کے لیے

۱5۔ میں تم سب کی طرف روک ﷺ ہوں اے۔

۱6۔ لوگوں کے لیے د۔ مسلمانوں ج۔ مکاروں ب۔ مدینے والوں

۱7۔ مال غنیمت کے پانچویں حصہ کہتے ہیں۔

۱8۔ الانفال ب۔ خمس د۔ عشر ج۔ فتحی

۱9۔ یوم الفرقان سے مراد ہے۔

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



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(حصہ دوم)

س۔ ۲۔ مندرجہ ذیل سوالات کے مختصر جوابات تحریر کریں۔

۱۔ اللہ تعالیٰ پر ایمان کا تقاضا کیا ہے؟

۲۔ انسان کی عظمت کس میں ہے؟

۳۔ تقویٰ کا حق کب ادا ہوتا ہے؟

۴۔ ہمیں کن کے ارشادات و احکام مانے کی کوشش کرنی چاہیے۔

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

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

۷۔ اطاعت و اتباع رسول ﷺ کی عملی شکل سے کیا ہوتا ہے۔

۸۔ آپ ﷺ کی آمد سے پوری دنیا کس طرح ایک معاشرہ بن گئی؟

۹۔ مسلمانوں کو کب تک جہاد کرنے کا حکم ہے؟

۱۰۔ فتنے سے کیا مراد ہے؟

(حصہ سوم)

نوٹ۔ درج ذیل سوالات کے تفصیلی جوابات تحریر کریں۔

س۔ ۳۔ حدیث ۶، کاترجمہ اور تشریح تحریر کریں۔ نیز اس حدیث کا عملی زندگی سے تعلق بھی واضح کریں۔

نوٹ۔ یہ ورک شیٹ (سورۃ الانفال رکوع ۵ حدیث ۶ سابق، اللہ تعالیٰ اور اسکے رسول ﷺ کی محبت و اطاعت)

سے تیار کی گئی ہے؟



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CLASS 9



CLASS 9

ENGLISH

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CLASS 9

Name: _____ Section: _____

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

Q.1. Write the synonyms of the following words. (5)

1. Disrupts
2. Rapid
3. Unmonitored
4. Nuisance
5. Piercing

Q.2: Write **Magnetic statements of unit 10** (6)

Q.3: Write a letter to the executive Officer Environmental Protection Agency in your city, informing him about the irregular collection of solid wastes in your area. (8)

Q.4: write a paragraph on: "Effects of land pollution on Human Health" (6)





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CLASS 9

Name: _____

Section: _____

Subject: English

Worksheet No: 3

(5th WEEK, DAY 1)

Unit: 1

Q.1: Choose the correct adjective.

1. Asfhaq Ahmed was a _____ writer
Famed famous famously infamous
2. This is a very _____ seminar.
Information informed informative informing
3. My mother becomes _____ if I get home late.
Anxiety anxious anxieties anxiously
4. It is _____ to get the correct information from the university office.
Advisable advisibile advising advised
5. Who is _____ for this chaos?
Responding responsible responsive responded

Q.2: Match the column A with B to find the exact meanings of the words.

Charm	charm
Compose	belief
Civilization	write
Faith	culture
Eradicate	attraction
Eloquent	confer as gift
Bestowed with	fluent
Demolish	preaching
Proselytizing	destroy
Everlasting	living example
Embodiment	never ending
Chaos	edge
Verge	confusion
Wonder	pride





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(5TH WEEK, DAY 2)

Q.1: Complete the sentences using the correct form of verb given below.

Invite, go, play, sell, help, allow, win, inform, and pass

1. If I see Aslam, I _____ him to dinner tomorrow.
2. If I _____ out, I will turn off the TV.
3. If you _____ tricks on people, they will not trust you again.
4. If the farmer _____ all his kiwi-fruit in the market he will be very pleased.
5. I will _____ you in your homework if I can
6. I will _____ you to ride my bike if you like.
7. Will you _____ a message to Auntie Sophie if you see her?
8. If you don't _____ now, you will be late from school.
9. Will you _____ me, if you are going to be late?
10. If he works hard, he will _____ the competition.

Q.2: Put the correct verb in blanks.

1. I _____ living in this house since 1970. (has been, have been, was, will be)
2. He _____ here yesterday. (has come, came, will come, come)
3. If you _____ I shall be available. (will come, come, have come, came)
4. He _____ take the examination next year. (will have, will, will be, shall)
5. He _____ to us tomorrow. (comes, will come, came, had come)

(5TH WEEK, DAY 4)

Q.1: What type of land is Arabia?

Q.2: Why was the Holy Quran sent in Arabic?

Q.3: For which ability were the Arabs famous?

Q.4: What was the condition of mankind before the Holy Prophet (P.B.U.H)?

Q.5: Why did the Holy Prophet (P.B.U.H) stay in the cave of Hira?

Q.6: What was the first revelation?

Q.7: Why did the Pagan Arabs threaten the Holy Prophet's Uncle?

Q.8: What did Hazrat Ayesha (R.A) say about the life of Holy Prophet (P.B.U.H)?





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(5th WEEK, DAY 5)

Textual Questions

Q.1: where Makkah is situated?

Q.2: What type of competitions was held at Uqaz?

Q.3: What was the mission of Holy Prophet (P.B.U.H)?

Q.4: Why did the Pagan Arabs sent a delegation to the Holy Prophet's (P.B.U.H) Uncle?

Magnetic statement.

- Hazrat Ayesha (R.A) Said about the Holy Prophet(P.B.U.H)
"His morals and character are an embodiment of Holy Quran."

- "Read in the name of Lord Who created; created man from a clot: Read and thy Lord is most Bountiful, Who taught (the use of) of the pen, taught man that which he knew not."

(6th WEEK, DAY 1)

Q.1: Punctuate the following

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

(6th WEEK, DAY 2)

Unit: 2

Q.1: Use appropriate models to

- Describe your three abilities and capabilities



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CLASS 9

- 1.
- 2.
- 3.
- Ask teacher's permission for going out
 - 1.
 - 2.
 - 3.
- Ask a friend to lend you a book
 - 1.
 - 2.
 - 3.
- Express necessity to get up early
 - 1.
 - 2.
 - 3.
- Express duty /obligation to follow traffic rules
 - 1.
 - 2.
 - 3.
- Share some past habit
 - 1.
 - 2.
 - 3.

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

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

(6th WEEK, DAY 3)

Q.1 Answer the following questions.

- 1. How will you define patriotism?



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CLASS 9

2. What are the qualities of a patriot?
3. As a citizen of Pakistan what are your duties towards your country?
4. What makes us alert in the wake of foreign invasion?
5. How will you elaborate Quid-e-Azam's quote?

(6th WEEK, DAY 4)

Textual Questions

Q.1: who offers sacrifice for a country?

Q.2: who led the Muslims of the subcontinent in their struggle for a separate home land?

Q.3: what is t

he highest military award of Pakistan?

Magnetic statements

- Quaid –e-Azam said “we must develop a sense of patriotism which galvanizes us all in one united and strong nation”
- Patriotism therefore, is not just a feeling; it's a live spirit and continuously inspires and a nation.

(6th WEEK, DAY 5)

Q.1: Punctuate the following

- Patriotism means love for the motherland or devotion to ones country a patriot loves his country and is willing to sacrifice when the need arises the word patriot comes from the latin word patriota which means countryman
- captain muhammad sarwar major tufail Muhammad major aziz bhatti pilot officer Rashid minhas major muhammad akram major shabir shaheed captain karnal sher khan and havaldar lalak jan all embraced martyrdom while fighting bravely for their motherland all of them were awarded nishan e haider the highest military awarded given to great patriots who lay down their lives for the country





ST. MARY'S ACADEMY

CLASS 9



CLASS 9

MATHS

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CLASS 9

Name: _____ Section: _____

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

Choose best one

1. Every real number is _____

- (a) A positive integer
- (b) A rational number
- (c) A negative integer
- (d) A complex number

2 . The value of i^{10} is:

- (a) -1
- (b) 1
- (c) -i
- (d) i

3 . Imaginary part of $-i(3i+2)$ is _____

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

4 . Name the property of real numbers used in $5 \times 1 = 2 \times 2$

- (a) Additive identity
- (b) Additive Inverse
- (c) Multiplicative identity
- (d) Multiplicative Invers





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5 . A non-terminating, non-recurring decimal represents:

- (a) A natural number
- (b) A rational number
- (c) An irrational number
- (d) A prime number

SECTION II

1. Find the value of x and y, if $x+yi+1=4-3i$

2. Evaluate i^{101}

3 Simplify $(2-3i)(3-2i)$ and write your answer in from $a+bi$.

4. Simplify $(1+i/1-i)^2$

5 Use laws of exponents

$$\frac{(81)^n \cdot 3^5 - (3)^{4n-1} (243)}{(9^{2n})(3^3)}$$

to simplify.





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CLASS 9

Name: _____ Section: _____

Subject: Mathematics Worksheet No: 3

Choose the best one.

1) $a^x = n$, then _____

- (a) $a = x \log n$
- (b) $x = \log_n a$
- (c) $x = \log_a n$
- (d) $a = n \log x$

2. 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. The logarithm of unity to any base is

- (a) 1
- (b) 10
- (c) e
- (d) 0

4. The logarithm of any number to itself as base is _____

- (a) 1
- (b) 0
- (c) -1
- (d) 10

5. $\log e =$ _____ where $e = 2.718$

- (a) 0
- (b) 0.4343
- (c) 5
- (d) 1

6. 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. For common logarithm, the base is _____

- (a) 2



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- (b) 10
- (c) e
- (d) 1

8. $\log n^m$ can be written as

- (a) $(\log m)^n$
- (b) $m \log n$
- (c) $n \log m$
- (d) $\log(m n)$

9. $\log_a b \times \log_b c$ can be written as _____

- (a) $\log_a c$
- (b) $\log_a c$
- (c) $\log_a b$
- (d) $\log_b c$

10. The integral part of the common logarithm of a number is called the _____

- (a) Characteristic
- (b) Mantissa
- (c) Logarithm
- (d) None

11. For natural logarithm, the base is _____

- (a) 10
- (b) e
- (c) 2
- (d) 1

12. The decimal part of the common logarithm of a number is called the _____:

- (a) Characteristic
- (b) Mantissa
- (c) Logarithm
- (d) None

13. If $x = \log y$, then y is called the _____ of x.

- (a) Antilogarithm
- (b) Logarithm
- (c) Characteristic
- (d) None



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SECTION II

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

II) Find the value of x $\log x = 64$

III) Express the number in common notation 9.018×10^{-6}





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

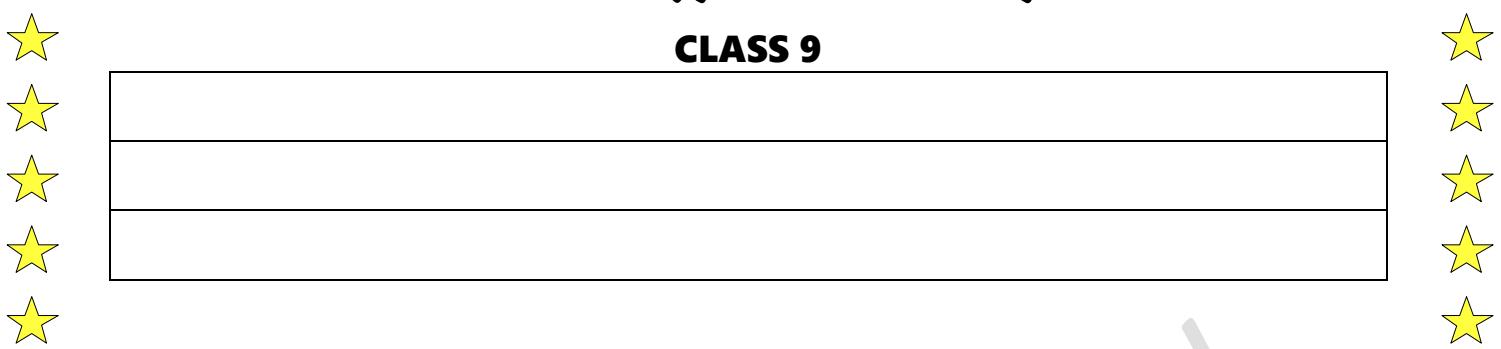
V) Find the value of x. $\log x = 2.4345$





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vi) Find the value , $\log 0.048$ where $\log 2 = 0.3010$, $\log 3 = 0.4770$ and
 $\log 5 = 0.6990$

vii) Use log table and find the value of





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viii) Evaluate 291.3×42036

ix) Evaluate $(789.5)^{1/8}$

x) Use log table and find the value

$$\sqrt[3]{\frac{0.07921 \times (18.99)^2}{(5.79)^4 \times 0.9474}}$$





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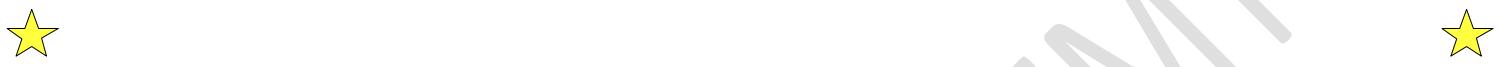
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CLASS 9

Physics

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CLASS 9

Name: _____ Section: _____

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

Q 1. Fill in the blanks: (5)

- i) The value of gravitational field strength is
- ii) Mass of earth is calculated by using and
- iii) Value of g at the surface of the moon is
- iv) The gravitational force of earth vanishes at
- v) Mass of earth in Kg is

Q 2. Give short answers: (5x2=10)

- i) Define gravitational field of the earth.
- ii) Calculate the mass of a body of weight 10 N.
- iii) Calculate the value of g at an altitude of 1000 Km, using the mass of the earth and the radius of the earth.
- iv) If the mass of the Mars is 6.42×10^{23} Kg then find the value of the g at the Mars. The radius of the Mars is 3370 Km.
- v) Calculate the gravitational force between two identical lead spheres kept at 1m. The mass of one sphere is 10000 Kg.

Q 3 (a). Write a detailed note on the variation of the value of g with altitude. (5+5)

(b). Give the derivation of a formula to find the mass of the earth.





ST. MARY'S ACADEMY

CLASS 9

Name: _____ Section: _____

Subject: Physics Worksheet No: 3

Q 1. Give short answers:

- i) Define Work when force is making some angle with the horizontal.
- ii) Calculate the amount of the work done in carrying 10 Kg mass to height of 18 steps , each 20 cm high.
- iii) Calculate the KE of a stone at the time it strikes the ground. The mass of the stone is 500g and it hit the ground with a velocity of 20 meter per second.
- iv) If the mass of 50 Kg is raised to a height of 3m then find its PE.
- v) Define PE and KE.

Q 3 (a). Write a detailed note on Energy giving derivation of formula for KE.

(b). Give the names (only) of the different forms of Energy.





ST. MARY'S ACADEMY

CLASS 9



CLASS 9

BIOLOGY

ST. MARY'S ACADEMY





ST. MARY'S ACADEMY

CLASS 9

Name: _____ Section: _____

Subject: Biology

Assessment No.2

Total Marks: 25

Q1. Multiple choice questions:

- i) Scientific name of frog -----
a) Rana Tigrina b) rana tigrina c) rana Tigrina d) Rana tigrina
- ii) Protein synthesis done by -----
a) Mitochondria b) nucleus c) ribosome d) Golgi bodies
- iii) Epithelial tissue of -----secrete gastric juice for the digestion of -----
a) Intestine, lipids b) intestine, protein c) stomach, lipids d) stomach, protein.
- iv) Number of natural elements-----
a) 62 b) 82 c) 72 d) 92
- iv) -----is not the major bio element
a) Potassium b) phosphorus c) hydrogen d) oxygen

Q2. short answers:

- i) Describe the contribution of Abdul Malik asmai-----

- ii) Differentiate between organ and organ level system-----





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CLASS 9

iii) Differentiate between vegetative and reproductive parts of brassica campestris-----

IV) What are the major biological issues of today? -----

v) Describe the type of cellular organization shown in the figure.



