

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question. (6)

i. There are .....persons including counseling.	A. two	B. Three	C. Four	D. Five
ii. The meaning of guidance is.....	A. Research	B. Go ahead	C. Leading to path	D. None of these
iii. The positive management of co-curricular activities affected by the students	A. Resources	B. Interest	C. Positive attitude	D. Negative reaction
iv. The child learns better social relationship.	A. From home	B. From school	C. From neighbours	D. None of these
v. School building and school facilities are related to:	A. External environment	B. Internal environment	C. Curriculum	D. Educational process
vi. Games are an important activity.	A. Curricular	B. Co- curricular	B. Academic	C. Social

Section B

Que2: Answer all of the following question. (Short Answers) (3×3=9)

1. Distinguish between curricular and co curricular activities.
2. Elaborate the role of environment.
3. State guidance with examples.

Section C

Que3: Answer the Following Question any one. (Long Answer) (10)

1. Highlight the need of co curricular activities in the school.
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پاکستان انٹرنیشنل سکول سینئر گرلز سیکشن جده  
مضمون: ایجوکیشن  
دوسرا ذمہ داری ٹیسٹ برائے جماعت دہم  
کل نمبر: 25  
حصہ اول  
(6) - سوال نمبر 1: درست جواب کے گرد دائرہ لگائیں۔

1- مشاورت کے عمل میں کتنے افراد شامل ہوتے ہیں؟	الف- 2	ب- 3	ج- 4	د- 5
2- رہنمائی کے لغوی معنی ہیں۔	الف- آگے آگے چلنا	ب- راستہ دکھانا	ج- تلاش کرنا	د- ان میں سے کوئی نہیں
3- طلباء کے ..... سے ہم نصابی سرگرمیوں کا مثبت انتظام متاثر ہوتا ہے۔	الف- وسائل	ب- دلچسپی	ج- مثبت رویہ	د- منفی رد عمل
4. کھیلیں ایک اہم ..... سرگرمی ہے	الف- نصابی	ب- معاشرتی	ج- ہم نصاب	د- تعلیمی
5- پچھ بہتر معاشرتی تعلقات استوار کرنے کی تربیت حاصل کرنا ہے۔	الف- گھر سے	ب- اسکول سے	ج- ہمسایوں سے	د- ان میں سے کوئی نہیں
6- مدرسہ کے اندر موجود تمام تر سہولتیں اور وسائل کا تعلق ہے۔	الف- ہم نصابی سرگرمیوں سے	ب- اندرونی ماحول سے	ج- بیرونی ماحول سے	د- نصابی سرگرمیوں سے

B سیکشن (کل نمبر-9)

سوال ۲:- درج ذیل سوالات کے جوابات دیں۔ (3×3=9)
1. نصابی اور ہم نصابی سرگرمیوں کا فرق واضح کریں۔
2. مدرسے کے ماحول سے کیا مراد ہے؟
3- رہنمائی کی تعریف بمعہ امثال کریں۔

C سیکشن (10)

سوال کا جواب تحریر کریں۔ ذیل میں دیئے گئے  
. مدرسے میں ہم نصابی سرگرمیوں کی ضرورت و اہمیت کو بیان کریں۔



(5+5=10) Pakistan Internatidah Saudi Arabia

Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2

Subject: Pakistan Studies

Class: X

Total Marks 20

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) Pakistan Industrial Development Corporation (PIDC) was established in ----- .			
A. 1951	B. 1952	C. 1955	D. 1947
ii) Minerals are divided into ----- kinds			
A. 5	B. 4	C. 3	D. 2
iii) Almost ----- percent of our GDP is generated by agriculture sector.			
A. 50	B. 28	C. 19	D. 10
iv) Experts believe that only ----- percent of Pakistan's cultivable land is under cultivation.			
A. 50	B. 25	C. 15	D. 70
v) Our ----- marble is one of the best in the world.			
A. Malagori	B. Onyx	C. Karara	D. Malirana
vi) Jinnah Barrage was built on the river ----- .			
A. Ravi	B. Jhelum	C. Sutleg	D. Indus

Section B

Que2: Answer any three of the following question. (Short Answers)

(3x3=9)

1. Discuss Indus Water Treaty.
2. Right a brief note on water logging and salinity.
3. Define Economic Development.

Section C

Que3: Answer any one of the Following Question. (Long Answer)

1. Mention the problems faced by agriculture sector in Pakistan.
2. Write a note on the Minerals resources of Pakistan. Explain any three minerals.

Pakistan Internatidah Saudi Arabia

Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2

Subject: Pakistan Studies

Class: X

Total Marks 20

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Section C

Que3: Answer any one of the Following Question. (Long Answer)

1. Mention the problems faced by agriculture sector in Pakistan.
2. Write a note on the Minerals resources of Pakistan. Explain any three minerals.

**Pakistan International School, Al Azizia, Jeddah Saudi Arabia**  
**Senior Girls Section 2022 - 2023**

Test : 2

**T**

Subject: Islamic Education

Class:10th  
Section A

Total Marks 25

**Que1: Encircle the correct option A, B, C or D in the box next to each question.**

(6)

i) In Surah Al-Mumtahanah, Allah Almighty has commanded us to follow the example of which Prophet?			
A. Hazrat Musa (A.S)	B. Hazrat Isaa (A.S)	C. Hazrat Muhammad (S.A.W)	D. Hazrat Ibrahim (A.S)
ii) What is the meaning of فَانذَرُوا ?			
A. power	B. disperse	C. roots	D. base
iii) How many verses are there in Surah Al- Mumtahanah?			
A. 2	B. 5	C. 7	D. 13
iv) Allah says whoever sends a message of friendship to the disbelievers-----			
A. will hurt himself	B. will stray from right path	C. will associate a partner with Allah	D. will go to hell
v) What does mean by Mumtahanah?			
A. to be examined	B. to be written	C. to be delivered	D. to be punished
vi) What is the meaning of يَرْجُو			
A. He Hopes	B. He announces	C. He fights	D. He loves

**Section B**

**Que2: Answer the following question. (Short Answers)**

(3x3=9)

1. Translate the hadith. من حج البيت ففضى مناسكه وسلم المسلمون من لسانه ويده غفر له ماتقدم من ذنبه
2 Translate the given Verse: لَنْ تَنْفَعَكُم أَرْحَامُكُمْ وَلَا أَوْلَادُكُمْ يَوْمَ الْقِيَامَةِ يَفْصِلُ بَيْنَكُمْ وَاللَّهُ بِمَا تَعْمَلُونَ بَصِيرٌ
3. Translate the given Verse: إِنَّا عَرَضْنَا الْأَمَانَةَ عَلَى السَّمَاوَاتِ وَالْأَرْضِ وَالْجِبَالِ فَأَبَيْنَ أَنْ يَحْمِلْنَهَا وَأَشْفَقْنَ مِنْهَا وَحَمَلَهَا الْإِنْسَانُ إِنَّهُ كَانَ ظَلُومًا جَهُولًا

**Section C**

**Que3: Answer the Following Question. (Long Answer)**

(5+5=10)

1. Translate, explain and relate this hadith with the practical life. كُلُّكُمْ رَاعٍ وَكُلُّكُمْ مَسْئُولٌ عَنْ رَعِيَّتِهِ
2. a. State the reasons for which Allah has forbidden the Muslims from being friendly with the enemies of Allah and His Prophet. b. What is the importance of sending blessings on the Holy Prophet? What instructions has Allah given to the believers?

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**Pakistan International School, Al Azizia, Jeddah Saudi Arabia**  
**Senior Girls Section 2022 - 2023**

Test : 2

**T**

Subject:

Class:  
Section A

Total Marks 25

**Que1: Encircle the correct option A, B, C or D in the box next to each question.**

(6)

i) In Surah Al-Mumtahanah, Allah Almighty has commanded us to follow the example of which Prophet?			
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A. power	B. disperse	C. roots	D. base
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vi) What is the meaning of يَرْجُو			
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**Section B**

**Que2: Answer the following question. (Short Answers)**

(3x3=9)

1. Translate the hadith. من حج البيت ففضى مناسكهم وسلم المسلمون من لسانه ويده غفر له ماتقدم من ذنبه
- 2 Translate the given Verse: لَنْ تَنْفَعَكُمْ أَرْحَامُكُمْ وَلَا أَوْلَادُكُمْ يَوْمَ الْقِيَامَةِ يَفْصِلُ بَيْنَكُمْ وَاللَّهُ بِمَا تَعْمَلُونَ بَصِيرٌ
3. Translate the given Verse: إِنَّا عَرَضْنَا الْأَمَانَةَ عَلَى السَّمَاوَاتِ وَالْأَرْضِ وَالْجِبَالِ فَأَبَيْنَ أَنْ يَحْمِلْنَهَا وَأَشْفَقْنَ مِنْهَا وَحَمَلَهَا الْإِنْسَانُ إِنَّهُ كَانَ ظَلُومًا جَهُولًا

Section C

(5+5=10)

Que3: Answer the Following Question. (Long Answer)

1. Translate, explain and relate this hadith with the practical life. ثَلَاثُ رَاعٍ وَكُلُّكُمْ مَسْنُونٌ عَنْ رَعِيَّتِهِ
2. a. State the reasons for which Allah has forbidden the Muslims from being friendly with the enemies of Allah and His Prophet.
- b. What is the importance of sending blessings on the Holy Prophet? What instructions has Allah given to the believers?

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پاکستان انٹرنیشنل سکول جدہ ہارنگ شفٹ گرلز ونگ  
مصنوم -- اسلامیات -- کلاس ۹ - 2 ٹیسٹ  
سیکشن اے چھ نمبر -- کل نمبر پچیس --

۱:- اللہ تعالیٰ نے سورہ الممتحنہ میں کن پیغمبر کے اسوہ پر چلنے کا حکم دیا ہے			
۱:- حضرت موسیٰ علیہ السلام	ب:- حضرت عیسیٰ علیہ السلام	ج:- حضرت ابراہیم علیہ السلام	د:- حضرت محمد صلی اللہ علیہ وسلم
۲:- فَأَنْتُمْ شُرَكَاءُ مِنْهَا مِمَّا كَانَتْ تُعْبَدُ مِنْ قَبْلُ فَكَانَ حَقًّا عَلَى الَّذِينَ كَفَرُوا أَنْ يَسْتَخَفُّوا حَقَّ يَوْمِئِذٍ أَصْحَابِهَا وَأَصْحَابُهَا يُرْجَوْنَ مِنَ اللَّهِ عَذَابَ عَظِيمٍ			
۱:- منتشر ہو جاو	ب:- طاقت	ج:- بنیاد	د:- جز
۳:- سورہ الممتحنہ میں کل کتنی آیات ہیں؟			
۱:- ۶	ب:- ۵	ج:- ۷	د:- ۱۳
۴:- اللہ تعالیٰ کا ارشاد ہے کہ جو کوئی کفار کو پوشیدہ دوستی کا پیغام بھیجے گا۔			
۱:- اپنا نقصان لے گا	ب:- راستے سے بھٹک جائے گا	ج:- ترک لے گا	د:- وہم میں جائے گا
۵:- سورہ الممتحنہ کا لفظی معنی کیا ہے			
۱:- لکھنے والی	ب:- خطاب کرنے والی	ج:- سزا دینے والی	د:- امتحان لینے والی
۶:- يَرْجُوْا مِنْكُمْ مِمَّا كَانَتْ تُعْبَدُ مِنْ قَبْلُ فَكَانَ حَقًّا عَلَى الَّذِينَ كَفَرُوا أَنْ يَسْتَخَفُّوا حَقَّ يَوْمِئِذٍ أَصْحَابِهَا وَأَصْحَابُهَا يُرْجَوْنَ مِنَ اللَّهِ عَذَابَ عَظِيمٍ			
د:- وہ راز رکھتا ہے	ج:- وہ اعلان کرتا ہے	ب:- وہ محبت رکھتا ہے	د:- وہ امید رکھتا ہے

3\*3=9 سیکشن بی نمبر

تین سوالوں کے جواب دیں

- ۱:- حدیث کا ترجمہ کریں من حج البيت ففضى مناسكهم وسلم المسلمون من لسانه ويده غفر له ماتقدم من ذنبه
- ۲:- با محاورہ ترجمہ کریں۔ لَنْ تَنْفَعَكُمْ أَرْحَامُكُمْ وَلَا أَوْلَادُكُمْ يَوْمَ الْقِيَامَةِ يَفْصِلُ بَيْنَكُمْ وَاللَّهُ بِمَا تَعْمَلُونَ بَصِيرٌ
- ۳:- با محاورہ ترجمہ کریں إِنَّا عَرَضْنَا الْأَمَانَةَ عَلَى السَّمَاوَاتِ وَالْأَرْضِ وَالْجِبَالِ فَأَبَيْنَ أَنْ يَحْمِلْنَهَا وَأَشْفَقْنَ مِنْهَا وَحَمَلَهَا الْإِنْسَانُ إِنَّهُ كَانَ ظَلُومًا جَهُولًا

5+5=10 سیکشن سی نمبر

1- مندرجہ ذیل حدیث کا ترجمہ و تشریح کرتے ہوئے اسکا ہماری عملی زندگی سے تعلق واضح کیجیے۔ ثَلَاثُ رَاعٍ وَكُلُّكُمْ مَسْنُونٌ عَنْ رَعِيَّتِهِ

i -2 - سورہ الممتحنہ میں دشمنان حق کی کن باتوں کے سبب انہیں دوست اور رازداں بنانے سے کیا گیا ہے؟

ii- نبی اکرم پر درود و سلام کی کیا اہمیت ہے؟ اور اس کے متعلق کیا حکم ہے؟

پاکستان انٹرنیشنل سکول جدہ مارننگ شفٹ گرلز ونگ

ٹیسٹ 2- کلاس 10 مضمون -- اسلامیات -

سیکشن اے چھ نمبر -- کل نمبر پچیس --

۱:- اللہ تعالیٰ نے سورہ الممتحنہ میں کن پیغمبر کے اسوہ پر چلنے کا حکم دیا ہے			
۱:- حضرت موسیٰ علیہ السلام	ب:- حضرت عیسیٰ علیہ السلام	ج:- حضرت ابراہیم علیہ السلام	د:- حضرت محمد صلی اللہ علیہ وسلم
۲:- فَأَنْتُمْزُوا سے کیا مراد ہے؟			
۱:- منتشر ہو جاؤ	ب:- طاقت	ج:- بنیاد	د:- جڑ
۳:- سورہ الممتحنہ میں کل کتنی آیات ہیں؟			
۶:-	ب:- ۵	ج:- ۷	د:- ۱۳
۴:- اللہ تعالیٰ کا ارشاد ہے کہ جو کوئی کفار کو پوشیدہ دوستی کا پیغام بھیجے گا -			
۱- اپنا نقصان لے گا	ب- راستے سے بھٹک جائے گا	ج- شرک لے گا	د- ہم میں جائے گا
۵:- سورہ الممتحنہ کا لفظی معنی کیا ہے			
۱- لکھنے والی	ب- خطاب کرنے والی	ج- سزا دینے والی	د- امتحان لینے والی
۶:- بَیْرُجُو سے کیا مراد ہے؟			
د- وہ راز رکھتا ہے	ج- وہ اعلان کرتا ہے	ب- وہ محبت رکھتا ہے	د- وہ امید رکھتا ہے

سیکشن بی نمبر 3\*3=9

تین سوالوں کے جواب دیں

۱:- حدیث کا ترجمہ کریں من حج البيت ففضی مناسکہ وسلم المسلمون من لسانہ ویدہ غفرلہ ماتقدم من ذنبہ

۲: بما حاورہ ترجمہ کریں۔ - نَنْفَعَكُمْ أَنْ حَامَكُمْ وَلَا أَوْلَادَكُمْ يَوْمَ الْقِيَامَةِ يَفْصِلُ بَيْنَكُمْ وَاللَّهُ بِمَا تَعْمَلُونَ بَصِيرٌ

۳: بما حاورہ ترجمہ کریں إِنَّا عَرَضْنَا الْأَمَانَةَ عَلَى السَّمَاوَاتِ وَالْأَرْضِ وَالْجِبَالِ فَأَبَيْنَ أَنْ يَحْمِلْنَهَا وَأَشْفَقْنَ مِنْهَا وَحَمَلَهَا الْإِنْسَانُ إِنَّهُ كَانَ ظَلُومًا جَهُولًا

سیکشن سی نمبر 5+5=10

1- مندرجہ ذیل حدیث کا ترجمہ و تشریح کرتے ہوئے اس کا ہماری عملی زندگی سے تعلق واضح کیجیے۔ فَكُلُّكُمْ رَاعٍ وَكُلُّكُمْ مَسْنُونٌ عَنْ رَعِيَّتِهِ

i -2 - سورہ الممتحنہ میں دشمنان حق کی کن باتوں کے سبب انہیں دوست اور رازداں بنانے سے کیا گیا ہے؟

ii- نبی اکرم پر درود و سلام کی کیا اہمیت ہے؟ اور اس کے متعلق کیا حکم ہے؟

**Pakistan Internatidah Saudi Arabia**  
**Pakistan International School, Al Azizia, Jeddah Saudi Arabia**  
**Senior Girls Section 2022 - 2023**  
 Test : 2



Subject: Art and Model Drawing

Class: 10<sup>th</sup>

Total Marks 25

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) .....is the home of the Kashi artisans.			
A. Multan	B. Hala	C. Mehergarh	D. Chiniot
ii) Which artist wrote about Masood Kohari?			
A. Shakir Ali	B. Sadquain	C. Mian Salahudin	D. None of these
iii) .....is a Pakistani Ex-politician from Lahore.			
A. Masood Kohari	B. Rabiz Zuberi	C. Yousaf Salli,	D. None of these
iv) Handiworks of Hala have been sold in the markets of .....			
A. America	B. Saudi Arabia	C. England	D. Samarkand
v) Who was Masood Kohari?			
A. Designer	B. Ceramist	C. Calligrapher	D. Architect
vi) Mian was awarded a Fulbright Scholarship for postgraduate studies in.....			
A. paintings	B. calligraphy	C. ceramics	D. designing

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

<ol style="list-style-type: none"> <li>1. In how many stages is the pottery of Hala made?</li> <li>2. Write short introduction of Masood Kohari.</li> <li>3. Mian Salahuddin was the Pakistani Ceramist. Explain.</li> </ol>
--

Section C

Que3: Answer the Following Question. (Long Answer)

(1\*10=10)

<ol style="list-style-type: none"> <li>1. Write in detail about Blue Pottery of Multan.</li> </ol>
--

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**Pakistan Internatidah Saudi Arabia**  
**Pakistan International School, Al Azizia, Jeddah Saudi Arabia**  
**Senior Girls Section 2022 - 2023**  
 Test : 2



Subject: Art and Model Drawing

Class: 10<sup>th</sup>

Total Marks 25

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) .....is the home of the Kashi artisans.			
A. Multan	B. Hala	C. Mehergarh	D. Chiniot
ii) Which artist wrote about Masood Kohari?			
A. Shakir Ali	B. Sadquain	C. Mian Salahudin	D. None of these
iii) .....is a Pakistani Ex-politician from Lahore.			
A. Masood Kohari	B. Rabiz Zuberi	C. Yousaf Salli,	D. None of these
iv) Handiworks of Hala have been sold in the markets of .....			
A. America	B. Saudi Arabia	C. England	D. Samarkand
v) Who was Masood Kohari?			
A. Designer	B. Ceramist	C. Calligrapher	D. Architect
vi) Mian was awarded a Fulbright Scholarship for postgraduate studies in.....			
A. paintings	B. calligraphy	C. ceramics	D. designing

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

<ol style="list-style-type: none"> <li>1. In how many stages is the pottery of Hala made?</li> <li>2. Write short introduction of Masood Kohari.</li> <li>3. Mian Salahuddin was the Pakistani Ceramist. Explain.</li> </ol>
--

Section C

Que3: Answer the Following Question. (Long Answer)

(1\*10=10)

1. Write in detail about Blue Pottery of Multan.





Subject: BIOLOGY

## Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question. (6)

i) Processes that carry nerve impulses away from the cell body are called,			
A. axons	B. dendrites	C. myelin sheath	D. synapses
ii) All of these are hormones except			
A. pepsinogen	B. insulin	C. glucagon	D. thyroxin
iii) An organism has two different alleles for a single trait. Its genotype is said to be;			
A. Homozygous	B. Heterozygous	C. Hemizygous	D. Homologous
iv) How many bones make our skull?			
A. 14	B. 22	C. 24	D. 26
v) What are the main components of a bone?			
A. marrow, spongy bone, wax	B compact bone, marrow	C. marrow, compact bone, wax	D. compact bone, spongy bone, marrow
vi) The diminished production of growth hormone during childhood results in which condition;			
A. acromegaly	B. gigantism	C. dwarfism	D. diabetes insipidus

## Section B

Que2: Answer the following question. (Short Answers) (3x3=9)

1. What are the homozygous and heterozygous genotypes?
2. What is positive feedback mechanism, explain with example.
3. Differentiate between cartilage and bone.

## Section C

Que3: Answer the Following Question. (Long Answer) (5+5=10)

- a. Draw a labelled diagram of human eye.
- b. Describe Mendel's Law of Segregation.



Subject: BIOLOGY

## Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question. (6)

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## Section C

Que3: Answer the Following Question. (Long Answer) (5+5=10)

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## Section A

T

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) Which of statement is NOT valid?			
A. for( , )	B. for(;;)	C. for( ;x>10;)	D. for( ; ;k++)
ii) What is out pout of this program <pre>int i=7; while (i&lt;10) { printf(“%d”,i); i++; }</pre>			
A. 7,8,9,10	B. 7,8,9	C. 8,9,10	D. None
iii) When this statement executed in loop ,rest of statements are skipped and next iteration of loop occur.			
A. break	B. stop	C. exit	D. continue
iv) What type of statement is this int k;			
A. declaration	B. condition	C. initialization	D. increment
v) Select the voltage range for logic 0			
A. 0 to 1 V	B. 0 to + 0.6 V	C. 0 to - 0.8 V	D. 0 to +0.8 V
vi). _____ loop is preferred to use when the number of times the loop will execute is not known in advance?			
A. for loop	B. if -else	C. while loop	D. nested loop

## Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

- Differentiate between if and else-if structure.
- Write program to display letters a-z by using do while loop. (ASCII arrange for a to z is 97 to 122)
- Define break statement and write its syntax as well.

## Section C

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

- a. Describe the syntax of for loop.  
b. Write a program that takes integer value and tell whether it is 1 or 2 using switch statement.

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## Section A

T

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## Section C

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

- a. Describe the syntax of for loop.  
b. Write a program that takes integer value and tells whether it is 1 or 2 using switch statement.

Subject: E Mathematics

Test : 2

Class: 10

Total Marks 25

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) $\frac{5x}{x+2}$ is .....fraction.			
A. Proper	B. Improper	C. Irrational	D. none of these
ii) Resolution to partial fractions of $\frac{5x+4}{(x-4)(x+2)}$ is:			
A. $\frac{4}{x+2} + \frac{1}{x-4}$	B. $\frac{4}{x-4} + \frac{1}{x+2}$	C. $\frac{4}{x+2} - \frac{1}{x-4}$	D. $\frac{4}{x-4} - \frac{1}{x+2}$
iii) If $l = 56\text{cm}$ and $\Theta = 45^\circ$ , then value of $r$ is:			
A. 71.27cm	B. 71.30cm	C. 67.27cm	D. 65.27cm
iv) What will be the value of geometric mean of 2,4,8?			
A. 2	B. 4	C. 8	D. 16
v) The average pocket money of 30 students is Rs 20. What will be total amount in the class?			
A. Rs 20	B. Rs 30	C. Rs 300	D. Rs 600
vi) $1 + \tan^2 \theta = \dots?$			
A. $\text{cosec}^2 \theta$	B. $\text{sec}^2 \theta$	C. $\cos^2 \theta$	D. $\cot^2 \theta$

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. For a right-angled triangle show that $\sin^2 \theta + \cos^2 \theta = 1$ .
2. Find variance and standard deviation of the data 6,8,10,12,14 .
3. Find $r$ , if $\theta = 2 \text{ radian}$ and Area of the sector is 64 square cm.

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

a. Prove that $\frac{1+\cos\theta}{\sin\theta} + \frac{\sin\theta}{1+\cos\theta} = 2 \text{ cosec}\theta$	b. Resolve into partial fraction $\frac{x}{(x+1)^2}$
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Test : 2

Subject: E Mathematics

Class: 10

Total Marks 25

Section A

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---	--



Subject: General Science

Test : 2  
Class: 10th

Total Marks 25

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question. (6)

i) Iron is converted to steel by adding:			
A. Nickel	B. Carbon	C. Zinc	D. Chromium
ii) The principle of light on which fibre optics work is-----			
A. Reflection	B. Dispersion	C. . Total internal reflection	D. Refraction
iii) The number of protons in oxygen atom -----			
A. 16	B. 14	C. 8	D. 6
iv) Which of the following is unit of resistance ?			
A. Ampere	B. Volts	C. Ohm	D. Hertz
v) What will be constant in Ohm,s law ?			
A. Charge	B. Current	C. Potential difference	D. Resistance
vi) A voltmeter is a galvanometer with:			
A. High resistance parallel to it	B. High resistance in series with it	C. Low resistance parallel to it	D. Low resistance in series with it

Section B

Que2: Answer the following question. (Short Answers) (3x3=9)

- Why optical fiber is considered better than copper cables?
- Enlist the safety measures should be followed while handling electricity?
- Define electric current and its units .How it is measured?

Section C

Que3: Answer the Following Question. (Long Answer) (5+5=10)

- (a) Describe construction and working of galvanometer..  
(b) What is difference between step-up and step - down transformer ?



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Test : 2

Subject: General Science

Class: 10th

Total Marks 25

Section A

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Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2

Class: X

Total Marks 25

T

Subject: Physics

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) Which one is the modified form of galvanometer?			
A. Voltmeter	B. Ammeter	C. AVO meter	D. Barometer
ii) What is the power the power rating of a lamp connected to a 12V source when it carries 2.5A?			
A. 4.8W	B. 14.5W	C. 30W	D. 60W
iii) What is the direction of magnetic lines of forces inside the bar magnetic?			
A. N--N	B. N--S	C. S--N	D. S--S
iv) Which type of transformer is used to decrease AC voltage?			
A. Step-Up	B. Step-down	C. Ideal Transformer	D. Transformer
v) What is the Boolean expression for AND-gate?			
A. $X=A.B$	B. $X=A+B$	C. $X=AB$	D. $X=A-B$
vi) Which filament is used in thermionic emission?			
A. Copper	B. Silver	C. Gold	D. Tungsten

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. What are the reasons for short circuit?
2. What is principle of AC generator?
3. How NAND gate is formed?

Section C

Que3: Answer the Following Question. (Long Answer)

(6+4=10)

- 1.a. What is DC motor? Explain its structure and working in detail?
- b. A step-down transformer has a turns of ratio 100:1. An ac voltage of amplitude 170V is applied to the primary coil. If the current in the primary is 1.0mA, what is the current in the secondary coil?

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Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2

Class: X

Total Marks 25

T

Subject: Physics

Section A

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(6)

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Pakistan International Saudi Arabia

Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2

Subject: Chemistry

Class: 10<sup>th</sup>

Total Marks 25



Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) Condensed structure of Stearic acid is -----			
A. $\text{CH}_3\text{-(CH}_2\text{)}_{14}\text{-COOH}$	B. $\text{CH}_3\text{-(CH}_2\text{)}_{17}\text{-COOH}$	C. $\text{CH}_3\text{-(CH}_2\text{)}_{16}\text{-COOH}$	D. $\text{CH}_3\text{-(CH}_2\text{)}_{19}\text{-COOH}$
ii) Raffinose is a -----			
A. protein	B. Carbohydrates	C. Lipids	D. Mineral
iii) Water soluble vitamins are -----			
A. Vitamins A, B & C	B. Vitamins B, C & K	C. Vitamins B (complex), & C	D. None
iv) Haemolysis of Red blood cells is deficiency of -----			
A. Vitamin A	B. Vitamin B	Vitamin D	D. Vitamin E
v) ----- gas is silent killer.			
A. Carbondioxide	B. Oxygen	C. Carbon monoxide	D. Nitrogen
vi) In stratosphere, temperature varies from -----			
A. $-55\text{ C}^0$ to $-5\text{ C}^0$	B. $-55\text{ C}^0$ to $-50\text{C}^0$	C. $-5\text{ C}^0$ to $-95\text{ C}^0$	D. $-65\text{ C}^0$ to $-15\text{ C}^0$

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. Draw a table to show harmful effects produced by Air Pollutants ( SO<sub>x</sub>, NO<sub>x</sub>, CO<sub>x</sub> ) .
2. Justify Light display in Aurora Borealis with proper justification.
3. Elaborate Functional Groups ( Ether, Ketone & Aldehyde).

Section C

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

1. Investigate the following .
  - a. There is a scientific evidence that CFCs contribute to the depletion of ozone. Why?
  - b. Analyze How Acid Rain effects on Iron & Marble ? Elaborate it with the help of chemical equations.

\*\*\*\*\*

Pakistan International Saudi Arabia

Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2

Subject: Chemistry

Class: 10<sup>th</sup>

Total Marks 25



Section A

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(6)

i) Condensed structure of Stearic acid is -----			
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ii) Raffinose is a -----			
A. protein	B. Carbohydrates	C. Lipids	D. Mineral
iii) Water soluble vitamins are -----			
A. Vitamins A, B & C	B. Vitamins B, C & K	C. Vitamins B (complex), & C	D. None
iv) Haemolysis of Red blood cells is deficiency of -----			
A. Vitamin A	B. Vitamin B	Vitamin D	D. Vitamin E
v) ----- gas is silent killer.			
A. Carbondioxide	B. Oxygen	C. Carbon monoxide	D. Nitrogen
vi) In stratosphere, temperature varies from -----			
A. $-55\text{ C}^0$ to $-5\text{ C}^0$	B. $-55\text{ C}^0$ to $-50\text{C}^0$	C. $-5\text{ C}^0$ to $-95\text{ C}^0$	D. $-65\text{ C}^0$ to $-15\text{ C}^0$

Section B

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1. Draw a table to show harmful effects produced by Air Pollutants ( SO<sub>x</sub>, NO<sub>x</sub>, CO<sub>x</sub> ) .
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Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2  
Class: X

Subject: Home Economics

Total Marks 25

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) How many types of waste disposal methods are used outside homes?			
A. One	B. Five	C. Three	D. Two
ii) What is the objective of a sanitation system?			
A. Protect Human Health	B. Protect Environment	C. Protect Food	D. None of these
iii) Which element is used in the production of nuclear energy?			
A. Zinc	B. Uranium	C. Sulphur	D. Air
iv) Environmental pollution contains:			
A. Lead	B. Mercury	C. Sulphur	D. All of these
v) Which type of pollution are gases and particles that harm organisms?			
A. Water	B. Noise	C. Air	D. None of these
vi) How much percent of the earth is covered by water?			
A. 60	B. 70	C. 80	D. 90

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. What is meant by environment?
2. How can noise pollution be controlled?
3. Which methods are used to dispose-off the domestic waste?

Section C

Que3: Answer the Following Question. (Long Answer)

(5x2=10)

1. Define water pollution.
2. Discuss how can we prevent different accidents at home

\*\*\*\*\*

Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test : 2  
Class: X

Subject: Home Economics

Total Marks 25

Section A

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Section B

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(3x3=9)

1. What is meant by environment?
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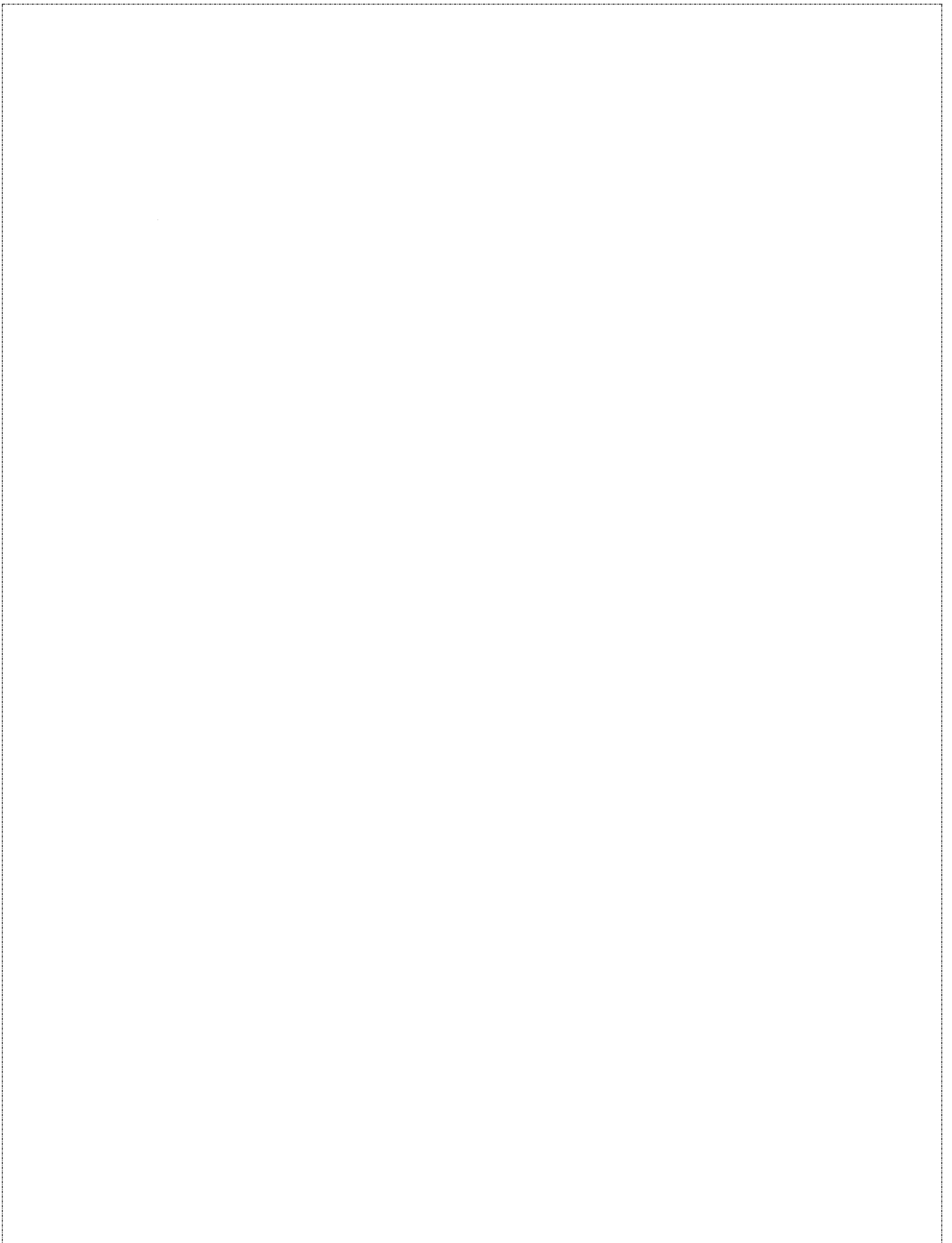
Section C

Que3: Answer the Following Question. (Long Answer)

(5x2=10)

1. Define water pollution.
2. Discuss how can we prevent different accidents at home





Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) Can you give me a sharp pencil? What is the underlined part of the sentence?			
A. Adjective phrase	B. Adverb phrase	C. Adverb clause	D. Noun phrase
ii) The flowers that we picked up last week have died. The underlined part of a sentence is a/an:			
A. Adverb phrase	B. Adjective phrase	C. Adverb clause	D. Adjective clause
iii) They saw him crossing the road. Mark the correct passive voice.			
A. He was seen crossing the road.	B. He had been seen crossing the road.	C. He has been seen crossing the road.	D. He is seen crossing the road.
iv) Identify the complex sentence from the sentences given below.			
A. Walk quickly, else you will not overtake him.	B. The town in which I live is very large.	C. Nothing can live on the moon.	D. The horse reared and the rider was thrown.
v) Choose the correct conditional sentence.			
A. He wouldn't have missed the bus if he hadn't overslept.	B. He wouldn't have missed the bus if he hadn't overslept.	C. He wouldn't have missed the bus if he hadn't overslept	C. He hadn't have missed the bus if he hasn't overslept
vi) Write down the antonym of "defy".			
A. Disobey	B. Surrender	C. Violate	D. Ignore

Section B

Que2: Read the following passages carefully and answer the questions appended to it: (9)

Certainly improved technology will assist in more effective management and use of resources, but it cannot produce an unlimited flow of those vital natural resources that are the raw materials for sustained agricultural production. For instance, fertilizers enhance the fertility of eroded soils, but humans can not make topsoil. Indeed, fertilizers made from finite fossil fuels are presently being used to compensate for eroded topsoil. A productive and sustainable agricultural system depends on maintaining the integrity of biodiversity.

1. Summarize the given passage and suggest a suitable title according to it. (3+1=4)
2. What are the limitations of improved technology? (3)
3. Write down the synonyms of underlined words. (2)

Section C

Que3: Answer the following Question. (Long Answer)

(10)

1. Write an essay on "Over Population"



Subject: اردو ٹیسٹ

Class: دہم

Total Mark: 25

سیکشن A

سوال نمبر 1: درست جواب کے گرد دائرہ لگائیں۔ (6)

1- جس چیز کے لیے ادھار لیا جائے، اسے کیا کہتے ہیں؟			
الف. وجہ جامع	ب. مستعار منہ	ج. مستعار لہ	د. شبہ بہ
2- شعر میں کوئی لفظ ایک سے زیادہ مرتبہ لکھا جائے تو اس کون سی صنعت کہتے ہیں؟			
الف. تضاد	ب. تکرار	ج. مراتب النظر	د. تلج
3- ہستی اپنی حباب کی سی ہے یہ نائنس سراب کی سی ہے اس شعر میں نے کس کا استعمال کیا ہے؟			
الف. روزمرہ	ب. محاورہ	ج. تشبیہ	د. ضرب المثل
4. جس نظم کے ہر بند کے پانچ مصرعے ہوں، کیا کہلاتی ہے؟			
الف. مخمس	ب. مسدس	ج. قطعہ	د. رباعی
5- جس جملے میں مسند البیہ فاعل ہو اور مسند فعل ہو، کون سا جملہ کہلاتا ہے؟			
الف. جملہ سوالیہ	ب. جملہ اسمیہ	ج. جملہ جوابیہ	د. جملہ فعلیہ
6. جس نظم میں شاعر کسی کے انتقال پر دکھ کا اظہار کرے، اسے کیا کہتے ہیں؟			
الف. مرثیہ	ب. حمد	ج. نعت	د.

سیکشن B

سوال 2: درج ذیل سوالوں کے جواب دیں۔ (11 = 3 + 4 × 2)

<p>ڈاکٹر صاحب بڑے درویش آدمی تھے۔ گھر کے خرچ کا حساب کتاب میرے پاس رہتا تھا۔ میں بھی بڑی کفایت سے کام لیتا تھا۔ ان کا پیسا ضائع کرنے سے مجھے بڑی تکلیف ہوتی تھی۔ اکثر اوقات ریل کے سفر کے دوران میں کئی کئی سٹیشن بھوکا رہتا تھا، کیونکہ وہاں روٹی ہنگلی ملتی تھی لیکن ڈاکٹر صاحب ناراض ہو جاتے تھے۔ کہا کرتے تھے۔ علی بخش انسان کو ہمیشہ وقت کی ضرورت کے مطابق چلنا چاہیے۔ خواہ مخواہ ایسے ہی بھوکے نہ رہا کرو۔ اب اس مرے کے ٹنٹے کو دیکھ لیجیے۔ لائل پور کے ڈپٹی کمشنر صاحب، مال افسر صاحب اور سارا عملہ میری بڑی آؤ بھگت کرتے ہیں۔ بڑے اخلاق سے مجھے اپنے برابر کرسی پر بٹھاتے ہیں۔ ایک روز بازار میں ایک پولیس انسپکٹر نے مجھے پہچان لیا اور مجھے گلے لگ کر دیر تک روتا رہا۔ یہ ساری عزت ڈاکٹر صاحب کی برکت سے ہے۔ مرے کی بھاگ دوڑ میں میرے سر کچھ قرضہ بھی چڑھ گیا ہے لیکن میں اس کام کے لیے بار بار لاہور کیسے چھوڑ دوں؟ جاوید کا نقصان ہوتا ہے۔</p> <p>سوال 1: علی بخش کس طرح علامہ اقبال کا پیسہ بچاتے تھے؟</p> <p>سوال 2: علامہ اقبال علی بخش کا کس طرح خیال رکھتے تھے؟</p> <p>سوال 3: علی بخش بار بار لاہور کیوں نہیں آنا چاہتے تھے؟</p> <p>سوال 4: لوگ علی بخش کی کس طرح عزت کرتے تھے؟</p> <p>سوال 5: اس اقتباس کا مرکزی خیال لکھیں۔</p>
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سیکشن C

سوال 2: کوئی سے ایک سوال کا جواب دیں۔ (8)

<p>سوال 1: اپنی دوست کے نام خط لکھیں سکول میں کھیلوں کے سالانہ مقابلوں کے بارے میں بتائیں۔</p>
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Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

Test: 2

Subject: G.Math

Class: 10

Total Marks 25

T

Section A

Que1: Encircle the correct option A, B, C or D in the box next to each question.

(6)

i) The number of techniques to solve a quadratic equation is:			
A. 1	B. 2	C. 3	D. 4
ii) Solution of $x^2 - 5x + 6 = 0$ is:			
A. {3}	B. {2}	C. {2,3}	D. {-2,-3}
iii) Solution of $x^2 - 9 = 0$ is:			
A. {9}	B. {±9}	C. {±3}	D. {3}
iv) The number of techniques to solve a quadratic equation is:			
A. 1	B. 2	C. 3	D. 4
v) $\sqrt{a} = a^{1/2}$ is a surd of order:			
A. zero	B. 1	C. 2	D. 1/2
vi) $(a + b)^2 + (a - b)^2 = ?$			
A. -4ab	B. $a^2 + b^2$	C. 4ab	D. $2(a^2 + b^2)$

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

- Find the value of  $(a^2 + b^2)$  when  $a + b = 5$  and  $a - b = 3$ .
- If  $x = 2 + \sqrt{3}$ , then find the value of  $x - \frac{1}{x}$ .
- Solve  $4x^2 + 3x - 2 = 0$  by using quadratic formula.

Section C

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

- Q1) a) Solve  $x^2 + x - 1 = 0$  by completing square method.  
b) If  $P(r) = 4\pi r^2$ , then find  $P(r)$ , for  $r = 8$  and  $\pi = \frac{22}{7}$ .

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Pakistan International School, Al Azizia, Jeddah Saudi Arabia  
Senior Girls Section 2022 - 2023

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T

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