

Pakistan Internatidah Saudi Arabia

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

Test : 2

Subject: Biology

Class: XI

Total Marks 25



Section A

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

i) The feeding stage of a slime mold is called:			
A. Hyphae	B. Plasmodium	C. Rhizoids	D. Mycelium
ii) Lymph most closely resembles which of the following?			
A. Blood	B. Urine	C. Water	D. Interstitial fluid
iii) Fever :			
A. decreases interferon production	B. decreases the concentration of iron in the blood	C. decreases the activity of phagocytes	D. decreases the inflammation
iv) Conjugation is facilitated by :			
A. Capsule	B. Pili	C. Flagella	D. Both pili and flagella
v) The Sino Atrial node (SA node) :			
A. regulates the rhythm of contraction	B. is also called AV node	C. regulates the rate of contraction	D. is also called bundle of His
vi) When B-cells are presented with antigen, they differentiate into :			
A. T-cells	B. Helper T-cells	C. Plasma cells	D. Bursa cells

Section B

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

<ol style="list-style-type: none"> 1. Draw a labelled diagram of a bacterial cell structure. 2. What is the role of macrophages and neutrophils in killing bacteria? 3. Which blood vessels carry blood away from the heart? Briefly explain.
--

Section C

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

<ol style="list-style-type: none"> 1. Explain in detail: <ol style="list-style-type: none"> a. Cell mediated immune response along with a figure. b. Asexual reproduction in fungi along with a diagram.
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Pakistan International School, Al Azizia, Jeddah Saudi Arabia
Senior Girls Section 2022 - 2023

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(5+5=10)

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 - b. Asexual reproduction in fungi along with a diagram**

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

Test: 02

Subject: Economics

Class: XI-VIOLET

Total Marks 25

Section A

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

(6)

i) Law of increasing return is highly applied on:			
A. Agriculture	B. Industry	C. Trade	D. Minerals
ii) In law of constant cost, marginal cost:			
A. Increases	B. Decreases	C. Remains constant	D. None of these
iii) Price is equal to:			
A. Average cost	B. Average revenue	C. Marginal cost	D. Marginal revenue
iv) When total revenue is maximum, marginal revenue is:			
A. More	B. Less	C. Constant	D. Zero
v) A monopolist controls the supply:			
A. Totally	B. Partially	C. More	D. Not at all
vi) Under monopoly, number of firms is:			
A. Large	B. Few	C. One	D. Two

Section B

Que2: Answer the following Questions. (Short Answers)

(3x3=9)

1. State the meaning of fixed costs.
2. Write different situations of firm's equilibrium under perfect competition in the short run.
3. What do you mean by Marginal product?

Section C

Que3: Answer the Following Questions. (Long Answer)

(5+5=10)

- Q1. a. Differentiate between Pure Competition & Perfect Competition.
- b. Why is law of increasing return called law of decreasing cost?

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

Test: 02

Subject: Economics

Class: XI-VIOLET

Total Marks 25

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Que3: Answer the Following Questions. (Long Answer)

(5+5=10)

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- b. Why is law of increasing return called law of decreasing cost?

Section A

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

i. There arepersons 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 change as a result of learning is..... in nature	A. Temporary	B. Permanent	C. Physical	D. Economic
iv. A group of people living together with similar social traits is called.	A. Community	B. Society	C. Nation	D. Family
v. Interest and attention are..... Of learning.	A. Law	B. Theories	C. Principles	D. Conditions
vi. The more an activity is repeated the more the mastery develops is law of.	A. Readiness	B. Exercise	B. Effect	C. Activity

Section B

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

1. State learning in your own words.
2. What is the role of school in a society.
3. What is meant by Learning by doing.

Section C

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

1. State the laws of learning in detail with examples.
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پاکستان انٹرنیشنل سکول سینئر گرلز سیکشن جده

کل نمبر: 25

دوسرا درجائی ٹیسٹ برائے جماعت انٹرمیڈیٹ پارٹ 1

مضمون: ایجوکیشن

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- تعلم کے نتیجے میں پیدا ہونے والی تبدیلیاں..... نوعیت کی ہوتی ہیں۔	الف - حارثی	ب - مستقل	ج - طبعی	د - جزئیاتی
4. جس کام کو کثرت سے کیا جائے وہ فرد کے تعلم میں مستحکم اور مستقل حیثیت اختیار کر لیتا ہے یہ قانون..... کہلاتا ہے۔	الف - آمادگی	ب - مشق	ج - تاثر	د - تحریک
5- ایک جیسی طرز معاشرت کے حامل افراد کہلاتے ہیں۔	الف - کیوٹی	ب - معاشرہ	ج - ملت	د - خاندان
6- دلچسپی اور توجہ تعلیم کے..... ہیں۔	الف - قوانین	ب - اصول	ج - شرائط	د - نظریات

B سیکشن (کل نمبر-9)

(3×3=9)

سوال ۲:- درج ذیل سوالات کے جوابات دیں۔

1. تعلم کی تعریف اپنے الفاظ میں بیان کریں۔

2. تعلم بڑی حد تک عمل سے کیا مراد ہے؟

3- اسکول کا معاشرے میں کیا کردار ہے؟

C سیکشن (10)

درج ذیل سوال کا جواب تحریر کریں۔

1. قوانین تعلیم کو تفصیلاً بیان کریں۔

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



Subject: Fine Arts

Test : 2
Class: 11th
Section A

Total Marks 25

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

i) The Lion capital pillar was built by			
A. Ashoka	B. Shanci	C. Kanshak	D. Pharoses
ii) The Ajanta Caves arerock-cut Buddhist cave monuments			
A. 30	B. 40	C. 20	D. None of these
iii) Most decorative order in Greek civilization is			
A. Ionic	B. Doric	C. Corinthian	D. None of these
iv) The group working in Moryan period is called.....			
A. Egyptian	B. Mahiyana	C. Hinayana	D. None of these
v) script was written on Shehbaz Garhi rock edicts.			
A. Urdu	B. Boston	C. Hieroglyphics	D. Kharosthi
vi) There is no base in Order.			
A. Corinthian	B. Ionic	C. Doric	D. Tuscan

Section B

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

1. Explain and label Ionic order.
2. How many buildings are situated in Takht e Bahi complex?
3. Write about Gandhara school of Art.

Section C

Que3: Answer the Following Question. (Long Answer) (1*10=10)

1. Gandhara art is eternal art. Write about four dynasties of Gandhara.

Pakistan Internatidah Saudi Arabia
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Senior Girls Section 2022 - 2023



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1. Gandhara art is eternal art. Write about four dynasties of Gandhara.

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Senior Girls Section 2022 - 2023

Test : 2

Subject: Accounting

Class: XI Violet

Total Marks 25

Section A

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

(5)

i) Which of the following disclose the financial position of business?			
A. Trading Acc	B. P&L Acc	C. P&L Appropriation Acc	D. Balance Sheet
ii) Assets which have no market value are called			
A. wasting assets	B. Fictitious assets	C. Intangible assets	D. Tangible assets
iii) Excise duty is			
A. Direct revenue	B. Indirect revenue	C. Direct Expense	D. Indirect expense
iv) What is gradual decrease in value of fix assets called?			
A. Reduction	B. Revaluation	C. Depreciation	D. None of above
v) Patent is example of.....			
A. Assets	B. Liabilities	C. Income	D. Expense

Part B

Q 2 .Answer the following question (any two)

3+3=6

1. Define accrual system of accounting. 2. What are contingent liabilities? 3. Differentiate between trading account & Profit & loss account.

PART C

Que3:

(Long Answer)

(14)

Particular	Rs	Rs
Opening Stock	10000	
Purchase & Sale	40000	100,000
Sundry Debtors & Creditors	30000	8125
Plant & Machinery	35000	
Freehold Premises	24000	
Salaries	5000	
Wages	6575	
Carriage outward	375	
Printing & Stationary	400	
Bad Debts	500	
Provision for bad debts		
Trade Expenses	750	225
Cash in Hand	5250	
Capital		50000
Insurance	500	
	158350	158380

Adjustments:

- a) Wages payable Rs 500
- b) Bad debts provision to be adjusted to 2 %on Debtors
- c) Allow interest on capital at 5%
- d) Closing stock valued at Rs 15000

Required:

Prepare Trading Profit & Loss Acc and balance sheet as at that date.

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

Test : 2

Subject: Chemistry

Class: 11

Total Marks 25

Section A

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

(6)

i) if a liquid has high viscosity means it has			
A. low resistance to flow	B. no resistance to flow	C. high resistance to flow	D. none of the above
ii) If I have 5.6 liters of gas in a piston at a pressure of 1.5 atm and compress the gas until its volume is 4.8 L, what will the new pressure inside the piston be?			
//A. 1.8 atm	B. 1.8L	C. 3.27 atm	D. 3.27 L
iii) A reaction has the rate law: Rate = k [A][B]. What is the order of reaction with respect to A?			
A. 1 st	B. 2 nd	C. 3 rd	D. 4 th
iv) What is the purpose of a catalyst?			
A. helps to slow down the reaction	B. lowers activation energy	C. increase activation energy	D. none of the above
v) Which type of solid typically has the lowest melting point of the four types of crystals?			
A. ionic Crystal	B. covalent molecular crystal	C. metallic crystal	D. covalent network crystal
vi) A mixture of hydrogen, nitrogen, and water vapor has a total pressure of 864 mmHg. The partial pressure of hydrogen is 220 mmHg and that of nitrogen is 410 mmHg. What is the partial pressure of water vapor?			
A. 234mmHg	B. 1.37mmHg	C. 2.64mmHg	D.3.74mmHg

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. A person can inhale maximum of 0.115 moles of air per breath. calculate the maximum volume of air, a person can inhale in one breath if the atmospheric pressure is 1000 KPa and the person body temperature is 37°C.
2. How boiling points of covalent hydrides effected by hydrogen bonding? 3. How rate of rection is affected by surface area?

Section C

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

(5+5=10)

1. a. crystalline solids can be isomorph or polymorph and isotopic or anisotropic, interpret this statement with examples.
- b. exothermic and endothermic are different in terms of activation energy, explain by activation energy graph.

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

Test : 2

Subject: Chemistry

Class: 11

Total Marks 25

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

Test : 2

Subject: Commerce

Class: XI VIOLET

Total Marks 25

Section A

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

(5)

i) How small retailers sell their goods?			
A. on credit	B. on cash	C. by bank	D. none of above
ii) What is prepared after sending the goods?			
A. Bill of lading	B. Invoice	C. Receipt of mate	D. All of these
iii) The main source of importing goods :			
A. Trader	B. Indent firm	C. Foreign purchase office	D. All the above
iv) Who does accept an indent?			
A. Invoice	B. Consular invoice	C. certificate of origin	D. All of these
v) What is the remuneration of an agent is called?			
A. wages	B. Profit	C. Salary	D. Commission

Section B

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

(4x2=8)

1. Explain the types of indents.
2. What is meant by consular invoice?
3. Define letter of credit.

Section C

Que3: Answer the Following Question. (Long Answer)

(12)

1. Explain the procedure of imports.

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

Test : 2

Subject: Commerce

Class: XI Violet

Total Marks 25

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A. Invoice	A. Invoice	A. Invoice	A. Invoice
v) What is the remuneration of an agent is called?			
A. wages	A. wages	A. wages	A. wages

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

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Senior Girls Section 2022 - 2023

Test: 02

Subject: Economics

Class: XI-VIOLET

Total Marks 25

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Senior Girls Section 2022 - 2023

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Subject: Economics

Class: XI-VIOLET

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Section C

Que3: Answer the Following Questions. (Long Answer)

(5+5=10)

- Q1. a. Differentiate between Pure Competition & Perfect Competition.
- b. Why is law of increasing return called law of decreasing cost?

Section B (Marks= 9)

Q. 2: Answer any three of the following question. (Short Answers)

(3*3 =9)

- i) Give any three limitations of Mobile Communication System.
- ii) Give characteristics of VPN?
- iii)Elaborate three advantages of wireless networks.

Section C (Marks: 10)

Q .3: Answer any one of the Following Question. (Long Answer)

(5 + 5)

- a) Compare the TCP/IP with OSI model.
- b)Write note on LOS and WAP.

5)

5)

Section B (Marks= 9)

Q. 2: Answer any three of the following question. (Short Answers)

(3*3 =9)

- i) Give any three limitations of Mobile Communication System.
- ii) Give characteristics of VPN?
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Section C (Marks: 10)

Q .3: Answer any one of the Following Question. (Long Answer)

(5 + 5)

- a) Compare the TCP / IP with OSI model.
- b)Write note on LOS and WAP.

5)

5)

Section A

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

(6)

i. The solution of $1 + \cos x = 0$ is:			
A. $\{\pi + 2n\pi\}$	B. $\{\frac{\pi}{2} + 2n\pi\}$	C. $\{\frac{3\pi}{2} + 2n\pi\}$	D. $\{-\frac{\pi}{2} + 2n\pi\}$
ii) $\cos \frac{\beta}{2} = \dots$			
A. $\sqrt{\frac{s(s-b)}{ac}}$	B. $\sqrt{\frac{s(s-a)}{bc}}$	C. $\sqrt{\frac{s(s-c)}{ab}}$	D. $\sqrt{\frac{(s-c)(s-a)}{ac}}$
iii) In a triangle if $a = 4, b = 6, c = 10, \Delta = 20$ then what is the value of r ?			
A. 5	B. 1	C. 2	D. 15
iv) $\sec(\cos^{-1} \frac{1}{2}) = ?$			
A. 1/2	B. 2	C. $\pi/3$	D. $\pi/6$
v) Principal domain of $\cos x = ?$			
A. $(0, \pi)$	B. $(-\frac{\pi}{2}, \frac{\pi}{2})$	C. $[-\frac{\pi}{2}, \frac{\pi}{2}]$	D. $[0, \pi]$
vi) $\tan^{-1}(\frac{2A}{1-A^2})$			
A. $\tan^{-1}(\frac{A}{2})$	B. $\tan^{-1}(2A)$	C. $\tan^{-1}(\frac{2}{A})$	D. $2 \tan^{-1}(A)$

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. Verify that $r = (s - b) \tan \frac{\beta}{2}$
2. Show that $2 \tan^{-1} \frac{1}{3} + \tan^{-1} \frac{1}{7} = \frac{\pi}{4}$.
3. Solve: $\tan^2 x + \sec x - 1 = 0$ in $[0, 2\pi]$.

Section C

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

Q1) a) Show that $\sqrt{r r_1 r_2 r_3} = \Delta$
b) Find the measure of the smallest angle of a triangle whose sides are 4.3, 5.1, and 6.3.

Section A

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

(6)

i. The solution of $1 + \cos x = 0$ is:			
A. $\{\pi + 2n\pi\}$	B. $\{\frac{\pi}{2} + 2n\pi\}$	C. $\{\frac{3\pi}{2} + 2n\pi\}$	D. $\{-\frac{\pi}{2} + 2n\pi\}$
ii) $\cos \frac{\beta}{2} = \dots$			
A. $\sqrt{\frac{s(s-b)}{ac}}$	B. $\sqrt{\frac{s(s-a)}{bc}}$	C. $\sqrt{\frac{s(s-c)}{ab}}$	D. $\sqrt{\frac{(s-c)(s-a)}{ac}}$
iii) In a triangle if $a = 4, b = 6, c = 10, \Delta = 20$ then what is the value of r ?			
A. 5	B. 1	C. 2	D. 15
iv) $\sec(\cos^{-1} \frac{1}{2}) = ?$			
A. 1/2	B. 2	C. $\pi/3$	D. $\pi/6$
v) Principal domain of $\cos x = ?$			
A. $(0, \pi)$	B. $(-\frac{\pi}{2}, \frac{\pi}{2})$	C. $[-\frac{\pi}{2}, \frac{\pi}{2}]$	D. $[0, \pi]$
vi) $\tan^{-1}(\frac{2A}{1-A^2})$			
A. $\tan^{-1}(\frac{A}{2})$	B. $\tan^{-1}(2A)$	C. $\tan^{-1}(\frac{2}{A})$	D. $2 \tan^{-1}(A)$

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. Verify that $r = (s - b) \tan \frac{\beta}{2}$
2. Show that $2 \tan^{-1} \frac{1}{3} + \tan^{-1} \frac{1}{7} = \frac{\pi}{4}$.
3. Solve: $\tan^2 x + \sec x - 1 = 0$ in $[0, 2\pi]$.

Section C

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

Q1) a) Show that $\sqrt{r r_1 r_2 r_3} = \Delta$
b) Find the measure of the smallest angle of a triangle whose sides are 4.3, 5.1, and 6.3.



PAKISTAN INTERNATIONAL SCHOOL, JEDDAH
Senior Girls Section
Session 2022 - 2023
Test 2

Subject: Islamic Education

Name of Student: _____

Class/Section: - ____

Date: / /

Total Marks: 25

Q1. Encircle the correct option.(6)

I. Who used to say that "Be prepared for Hajj as it is also a jihad"?

A. Hazrat Khadija (R.A) B. Hazrat Ayesha(RA) C. Hazrat Umar(RA) D. Hazrat Ali(RA)

ii. The reward of facing the enemy in the name of Allah is more than reward of----- prayers performed at home.

A. Seven B. Seventeen C. Seventy D. Seven Hundred

iii. Neighbours havetypes /categories

A.2 B. 3 C. 4 D.5

IV.For how many days Hazrat Muhammad offered Taraveeh prayers in mosque?

A. 30 days B. 5 days C.3 days D. 10 days

V. what is the meaning of ابن السبيل

A. Debtors B. The needy C. Slaves D. Travelers

vii) Believer save your life and your children from...
vii) Believer save your life and your children from...
vii) Believer save your life and your children from...
vii) Believer save your life and your children from...

A. Pauperism B.Poverty C. hell D. Fire

Q2. Answer the following short questions:

(3 x 3)=9

1-How is the creation of Pakistan related to the Holy month of Ramadan?

2-Write any two economic benefits of Zakat (poor-due)?

3-Write the importance of Salah in the light of Holy Quran and Sunnah?

Q3. Answer the following long question:

(5+5)

1-(a) Write short note on the importance of rights of human beings

(b) Write a detail note on jihad?



PAKISTAN INTERNATIONAL SCHOOL, JEDDAH
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Test 2

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1- کون فرمایا کرتے تھے؟ حج کا سامان تیار رکھو، یہ بھی ایک جہاد ہے؟			
(ا) حضرت خدیجہ	(ب) حضرت عائشہ	(ج) حضرت عمر	(د) حضرت علی
2- اللہ کی راہ میں دشمن کے مقابل آ کر کھڑے رہنے کا ثواب گھر میں نمازوں سے زیادہ ہے؟			
(ا) 7	(ب) 17	(ج) 70	(د) 700
3. ہمسایہ کی..... قسمیں ہیں			
(ا) 2	(ب) 3	(ج) 4	(د) 5
4- حضور نے نماز تراویح کتنے دن مسجد میں ادا فرمائی؟			
(ا) 30 دن	(ب) 5 دن	(ج) 3 دن	(د) دس دن
5- ابن سبیل سے کیا مراد ہے			
(ا) قرض دار	(ب) ضرورت مند	(ج) غلام	(د) مسافر
6- مومنو اپنے آپ کو اور اپنے بچوں کو بچاؤ...سے			
(ا) فقیریت	(ب) غربت	(ج) جہنم	(د) آگ

سیکشن ب 9

سوالوں کے مختصر جواب دیں

الف- رمضان اور پاکستان کی آپس میں کیا نسبت ہے؟
ب- زکوٰۃ کے کوئی سے دو معاشی فوائد تحریر کریں؟
ج- قرآن اور سنت کی روشنی میں نماز کی اہمیت پر مختصراً نوٹ لکھیں؟

سیکشن ج

3- درج ذیل سوالات کے جوابات تحریر کریں۔ 10

الف- انسانی حقوق کی اہمیت پر مختصراً نوٹ لکھیں۔ 5
ب- جہاد پر نوٹ تحریر کریں 5

1- کون فرمایا کرتے تھے؟ حج کا سامان تیار رکھو، یہ بھی ایک جہاد ہے؟			
(ا) حضرت خدیجہ	(ب) حضرت عائشہ	(ج) حضرت عمر	(د) حضرت علی
2- اللہ کی راہ میں دشمن کے مقابل آ کر کھڑے رہنے کا ثواب گھر میں نمازوں سے زیادہ ہے؟			
(ا) 7	(ب) 17	(ج) 70	(د) 700
3. ہمسایہ کی..... قسمیں ہیں			
(ا) 2	(ب) 3	(ج) 4	(د) 5
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(ا) 30 دن	(ب) 5 دن	(ج) 3 دن	(د) دس دن
5- ابن سبیل سے کیا مراد ہے			
(ا) قرض دار	(ب) ضرورت مند	(ج) غلام	(د) مسافر سر
6- مومنو اپنے آپ کو اور اپنے بچوں کو بچاؤ...سے			
(ا) فقیریت	(ب) غربت	(ج) جہنم	(د) آگ

سیکشن ب 9

سوالوں کے مختصر جواب دیں

الف- رمضان اور پاکستان کی آپس میں کیا نسبت ہے؟
ب- زکوٰۃ کے کوئی سے دو معاشی فوائد تحریر کریں؟
ج- قرآن اور سنت کی روشنی میں نماز کی اہمیت پر مختصراً نوٹ لکھیں؟

سیکشن ج

3- درج ذیل سوالات کے جوابات تحریر کریں۔ 10

الف- انسانی حقوق کی اہمیت پر مختصراً نوٹ لکھیں۔ 5
ب- جہاد پر نوٹ تحریر کریں 5

Pakistan Internatidah Saudi Arabia

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

Test : 2

Subject:Physics

Class: XI

Total Marks 25

Section A

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

(6)

i) At terminal velocity the acceleration of a falling object is			
A. 1m/s^2	B. 0 m/s^2	C. $+9.8\text{ m/s}^2$	D. -9.8 m/s^2
ii) Choose the moment of Inertia of a sphere			
A. MR^2	B. $\frac{1}{2}MR^2$	C. $\frac{2}{5}MR^2$	D. $\frac{1}{2}M^2R$
iii) Apparent weight of a free falling body is			
A. increase	B. decrease	C. zero	D. remains constant
iv) When the radius of an artery is reduced, the blood pressure-----			
A. increased	B. decreased	C. remains same	D. zero
v) The acceleration of a body performing simple harmonic motion depends upon.....			
A. Mass	B. Time period	C. Displacement	D. Amplitude
vi) 10cm extension is produced in a string due to a force of 20N. Which of the following is a spring constant?			
A. 2Nm^{-1}	B. 20 Nm^{-1}	C. 200 Nm^{-1}	D. 2000 Nm^{-1}

Section B

Que2: Answer the following question. (Short Answers)

(3x3=9)

1. Define simple harmonic motion. Also give conditions of simple harmonic motion.
2. Why does smoke rise faster in a chimney on a windy day?
3. A motor car is travelling at a speed of 30ms^{-1} . If the wheel has a diameter of 1.5m, find its angular speed in rad per second.

Section C

Que3: Answer the Following Question. (Long Answer)

(5+5=10)

1. a. State and explain Torricelli's theorem. Derive a relation for the Torricelli's equation for speed of fluid emerging from water storage.
- b. A spider swings in the breeze from a silk thread with a period of 0.6s. How long is the spider's strand of silk?

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

Test : 2

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Section A

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

(6)

i) The wind that will be howling at all hours. Which figure of speech is used here?			
A. Simile	B. Metaphor	C. Personification	D. Oxymoron
ii) Which one of the following sentences contains an infinitive phrase?			
A. Amber found a travel agent to plan her trips for her.	B. The running dog crashed into the wall.	C. The crying baby kept her parents up all night.	D. Reading books quietly is my favorite pastime
iii) "You need <u>much</u> courage to do this." What kind of adjective is the underlined word?			
A. Adjective of quality	B. Adjective of quantity	C. Adjective of number	D. Distributive adjective
iv) When will you go-----to the Cambridge University? Choose the correct option.			
A. Down	B. Off	C. Up	D. None
v) Which one of the following sentences has the correct adjective order?			
A. We ate some round Iranian green apples.	B. We ate some Iranian round green apples.	C. We ate some green round Iranian apples.	D. We ate some round green Iranian apples.
vi) I feebly confessed my trip to the movie theatre and the real reason for my <u>tardiness</u> . Tick the correct antonym of the underlined word.			
A. Promptness	B. Delay	C. Detention	D. Laziness

Section B

Que2: Read the following paragraph carefully and answer all the questions appended to it. (9)

By the age of six, the average child will have completed the basic education and be ready to enter school. If the child has been attentive in these pre-school years, he or she will already have mastered many skills.

From television, the child will have learned how to pick a lock, commit a fairly elaborate bank holdup, prevent wetness all day long, get the laundry twice as white and kill people with a variety of sophisticated armaments.

From watching his parents, the child, in many cases, will already know how to smoke, how much falsehood to mix with facts to be pragmatic and shrewd, what kind of language to use when angry and how to violate the speed laws without being caught.

1. Write down a summary of the given passage and suggest a suitable title according to it. (3+1=4)
2. What can be inferred about the writer's attitude towards television? Do you agree or disagree with the writer's views? (3)
3. Write down the meanings of underlined words. (2)

Section C

Que3: Answer the Following Question. (Long Answer)

(10)

1. Write a CV for an electrician job advertised in a newspaper.



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

1- مشبہ اور مشبہ بہ کہلاتے ہیں؟			
1- طرفین تشبیہ	ب- وجہ شبہ	ج- عرض تشبیہ	د- طرفین استعارہ
2- کسی دوسرے شاعر کا مصرع اگر اپنے کلام میں شامل کر لیں تو اسے کہتے ہیں			
1- اعتراف عظمت کرنا	ب- تضمین کرنا	ج- وضاحت کرنا	د- شعر کا رتبہ بڑھانا
3- ضرب الامثال مکمل کیجئے: ناچ نہ جانے..... ٹیڑھا۔			
1- پاؤں	ب- آنکھ	ج- صحن	د- دانت
4- وجہ جامع کسی کا اہم رکن ہے؟			
1- تشبیہ	ب- استعارہ	ج- کنایہ	د- مجاز مرسل
5- اٹھنا..... امدادی فعل کی نشان دہی کریں			
1- وہ درد سے چلا اٹھا	ب- وہ اٹھ کر چلا گیا	ج- عمر سویرے اٹھتا ہے	د- ہجوم سے اک شورا اٹھا
6- اصطلاح میں قافیہ سے مراد ہے			
1- ہم معانی الفاظ	ب- ہم زبان الفاظ	ج- ہم آواز الفاظ	د- ہم خیال الفاظ

حصہ دوم

سوال نمبر 2:- درج ذیل متن کو پڑھیے اور نیچے دیئے گئے سوالات میں سے تین کے جواب دیں۔ (3x3=9)
تخت جمشید میں سب سے رفیع الثان محل تو دارا کا ہے۔ دوسرے نمبر پر اس کے جانشین فرخشاہ اول کا صد ستوں محل اس کا نام اپادانا ہے جس کو دارا پوش (دارا) اول نے شروع کیا اور اس کے بیٹے نے مکمل کیا۔ یاد رہے کہ اسکندر سے لڑتے ہوئے جو شہنشاہ مارا گیا، وہ دارا نام کا تیسرا بادشاہ تھا۔ اسی طرح کئی مہرام ہوئے ہیں اور کئی فرخشاہ۔ اپادانا کے تیرہ ستون ابھی باقی ہیں اور محل کے مشرقی زینے پر شاہ معظم کی خدمت میں ۲۸ قوموں کے لوگوں کو نذیر لائے دکھایا گیا ہے۔ اس کے پہلو میں دارا کا پرائیوٹ محل ہے جو "نگارا" کہلاتا ہے اور اس کے دروازے پر شاہ کے ایک عفریت سے لڑنے اور اس کے سر میں تلوار بھونکنے کی تصویر مرسم ہے۔ بادشاہ کی ڈانسی اور کپڑوں میں جواہر نکلے تھے، اب فقط سوراخ باقی ہیں۔ اس طرح ایک نجی محل فرخشاہ اول کا بھی۔ پھر ایک ملکہ کا محل، جس میں خدام اور لونڈیوں کے لیے حجرے ہیں۔ جو عمارت میوزیم کی ہے وہ پہلے استقبال گاہ تھی۔
سوال 1: تخت جمشید پر موجود محلوں کی تفصیل بیان کریں؟
سوال 2: محل "اپادانا" کے بارے میں کیا بیان کیا گیا ہے؟
سوال 3: محل کی دیواروں پر کس طرح کی مصوری کی ہوئی ہے؟
سوال 4: دیئے گئے متن کی تلخیص کریں؟

حصہ سوم کل نمبر (2x5=10)

سوال 3:- درج ذیل شعر کی تشریح کریں۔ سے نکلنا غلہ سے آدم کا سننے آئے ہیں لیکن بڑے بے آبرو ہو کر تیرے کوچے سے ہم نکلے
سوال 4:- دو دوستوں کے مابین دادا جان کے انتقال پر تعزیت / افسوس پر مکالمہ تحریر کیجئے۔