

نموذج اختبار شهر
الفصل الدراسي الثاني
٢٠٢٠-٢٠٢١



الصف الثاني الثانوي

الشعبة العلمية

اللغة الأجنبية الأولى - الإنجليزية

المواد العلمية: باللغة الإنجليزية

المواد الدراسية التي يتضمنها كل اختبار وعدد الأسئلة الصف الثاني الثانوى- الشعبة العلمية

اليوم الأول

عدد الأسئلة	المادة
١٥	اللغة العربية
١٠	الرياضيات (١)
١٠	الرياضيات (٢)
٣٥	العدد الكلى للأسئلة

اليوم الثاني

عدد الأسئلة	المادة
١٥	اللغة الأجنبية الأولى
١٠	الكيمياء
١٠	الأحياء
٣٥	العدد الكلى للأسئلة

اليوم الثالث

عدد الأسئلة	المادة
١٠	اللغة الأجنبية الثانية
١٠	الفيزياء
٢٠	العدد الكلى للأسئلة

نموذج اختبار

الصف الثاني الثانوى- الشعبة العلمية

اليوم الثاني

عدد الأسئلة	المادة
١٥	اللغة الأجنبية الأولى
١٠	الكيمياء
١٠	الأحياء
٣٥	العدد الكلى للأسئلة

Subject: English (First Language)

Choose the correct answer from A, B, C, or D:

Q 1.is the process of increasing in size and filling more space.

- A) Admission
- B) Inclusion
- C) Exclusion
- D) Expansion

Q 2. The new high speed electric train will.....the capital with many cities.

- A) join
- B) link
- C) build
- D) form

Q 3. We had lunch in the new restaurant and we found the meal most satisfactory. The word “satisfactory” here means

- A) simple.
- B) indecent.
- C) suitable.
- D) inferior.

Q 4. He seems really stressed, he should try to take a day off. The word “stressed” here is an antonym of

- A) processed.
- B) bored .
- C) acted.
- D) rested.

Q 5. He was asked to a talk at the conference.

- A) give
- B) make
- C) have
- D) say

Q 6. I will take a taxi because my car..... repaired today.

- A) has been
- B) was being
- C) had been
- D) is being

Q 7. He used to live in Tanta, but now hein Cairo.

- A) was living
- B) lived
- C) lives
- D) has lived

Q 8. When you get off the train, we.....for you on the platform.

- A) will wait
- B) wait
- C) will be waiting
- D) will have waited

Q 9. By this time next year, we willinto our new house.

- A) be moving
- B) have moved
- C) move
- D) be moved

Q 10. As soon as we reach Italian coast, we willfor a week.

- A) have sailed
- B) sail
- C) be sailed
- D) have been sailing

Read the following passage and choose the correct answer from A, B, C, or D:

Travel is something which people do every day. It is very difficult to avoid the need to travel. Travelling can often take a long time, People often enjoy travelling abroad for holidays. But for some people travelling is not fun at all. Some people suffer from travel sickness. This means that they will become very unwell each time they travel .

Travelling can be either affordable or costly. It often depends on how far you want to travel and the choice of transport. Using a bicycle will not cost anything as you power it by using your legs. However, the use of a bicycle can be hard work and can take a lot of time to travel long distances. Cars and motorcycles are faster modes of transport, but are more expensive to use as gasoline is needed for them to work. It can usually be assumed that the longer you wish to travel, the more expensive and time consuming it will be. The use of a plane is necessary for people wanting to travel very long distances. A pilot will fly a plane from an airport for many thousands of miles to take people to places far away. A train is another mode of transport which is ideal for travelling long distances within the same country, or between countries which are connected by land.

A number of destinations can be travelled to by using the sea some people choose to go on a cruise for their holiday, which would involve stopping at many different city ports for a short amount of time. People who need to travel short distances may choose not to use any transport at all. People often rely on their legs to take them to places nearby.

Q 11. What is the main idea of the passage?

- A) Plane as a mean for travelling
- B) Travelling by different ways
- C) Old ways of travelling
- D) Airports and planes

Q 12. Why do some people not enjoy travelling?

- A) They find it a waste of time.
- B) It is not comfortable.
- C) It is expensive.
- D) They become unwell.

Q 13. Which of the following sentences can summarize the passage?

- A) Travelling is fun for some people and suffering for others.
- B) Travelling by planes is faster and comfortable.
- C) Ways of travelling in the past.
- D) Travelling cost too much money nowadays.

Q 14. It can be inferred from the passage that travelling long distances

- | | |
|----|------------------------|
| A) | will not cost you much |
| B) | is affordable |
| C) | needs a lot of money |
| D) | will be comfortable |

Q 15. In your opinion, the paragraph following the last paragraph most likely will discuss

- | | |
|----|---|
| A) | The cost of travelling by planes. |
| B) | The difficulties of travelling by camels. |
| C) | The importance of using ships |
| D) | The future ways of travelling. |

Subject: Chemistry

Choose the correct Answer

Q 16. The water molecule consists of (1H , 8O), The electrons in this molecule is

- | | |
|----|-----------------------------------|
| A) | one bond pair and one lone pair |
| B) | one bond pair and three lone pair |
| C) | two bond pair and two lone pair |
| D) | two bond pair and three lone pair |

Q 17. The melt of the compound which is the most conduct of electricity is

- | | |
|----|-----|
| A) | NaF |
| B) | KF |
| C) | RbF |
| D) | CsF |

Q 18.

The element	X	Y
The electronegativity	3	2.1

From the previous table, the bond X – Y is

- | | |
|----|----------------------|
| A) | Polar covalent |
| B) | Non – polar covalent |
| C) | Ionic |
| D) | Hydrogen |

Q 19. Two elements (X & Y), The quantum numbers for the last electron of both of them are

X (3 , 1 , -1 , $-\frac{1}{2}$)

Y (3 , 0 , 0 , $+\frac{1}{2}$)

So the chemical formula of the compound is

- | | |
|----|------------------------|
| A) | X_2Y |
| B) | Y_2X |
| C) | XY |
| D) | Y_2X_2 |

Q 20. If you know that ($_{17}\text{Cl}$, $_{16}\text{S}$, $_{15}\text{P}$, $_{14}\text{Si}$)
The most polar compound is

A)	PH_3
B)	SiH_4
C)	HCl
D)	H_2S

Q 21. By using ($_{15}\text{p}$, $_{17}\text{Cl}$, $_{1}\text{H}$, $_{8}\text{O}$, $_{7}\text{N}$, $_{6}\text{C}$, $_{13}\text{Al}$)
All of the following compounds are fulfill the octet rule except

A)	PCl_3
B)	AlCl_3
C)	CO_2
D)	NH_3

Q 22. The elements (X , Y , Z , W), Their electronic configurations are ended as follows

The element	The electronic configuration
X	4S^1
Y	3S^2
Z	3P^4
W	2P^5

The compound which is the highest in melting point is

A)	YW_2
B)	YZ
C)	X_2Z
D)	XW

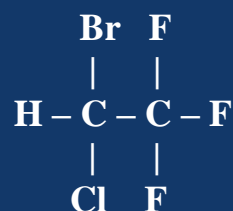
Q 23.

The compound	X	Y	Z	W
The melting point	747 °c	801 °c	660 °c	993 °c

From the previous table, The compound which is the least conduct of electricity is...

A)	X
B)	Y
C)	Z
D)	W

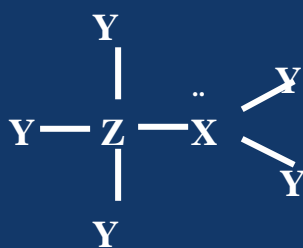
Q 24. The Compound (Halothane)



The most polar bond in this compound is

A)	C – H
B)	C – F
C)	C – Cl
D)	C - Br

Q 25.



From the previous compound, The two elements X , Z are

A)	X precedes Z in the same period
B)	Z precedes X in the same period
C)	X precedes Z in the same group
D)	Z precedes X in the same group

Subject: Biology

Choose the correct Answer:

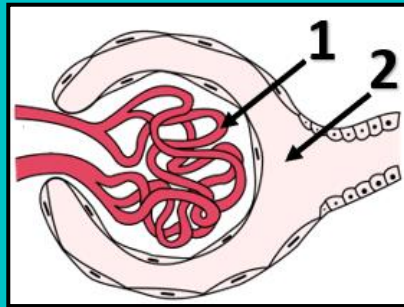
Q 26. Which of the following food materials do not exhaust the liver?

- A) Meat
- B) Vegetables
- C) Egg
- D) Legumes

Q 27. Which of the following explains the increase in the amount of sweat in human front during running?

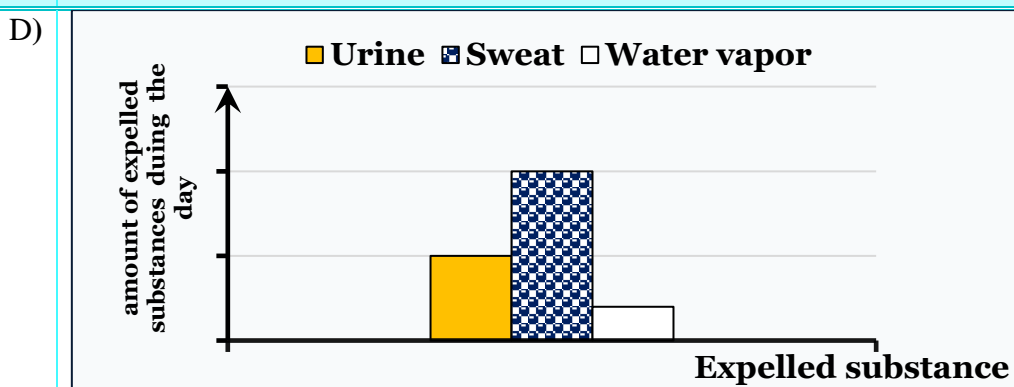
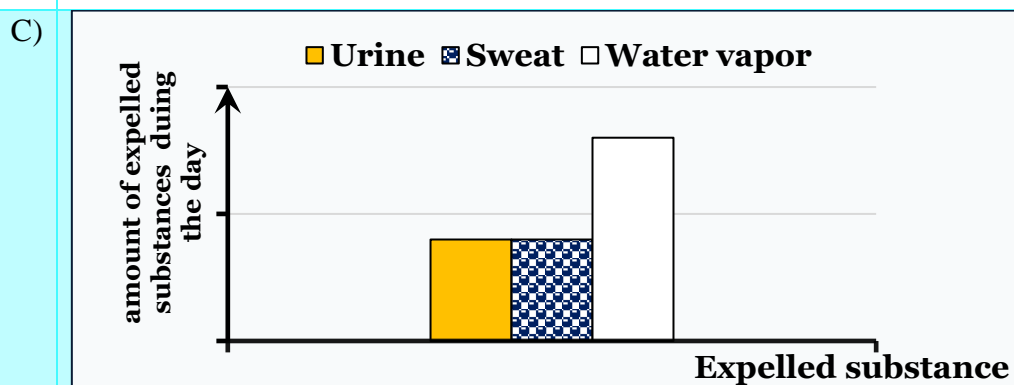
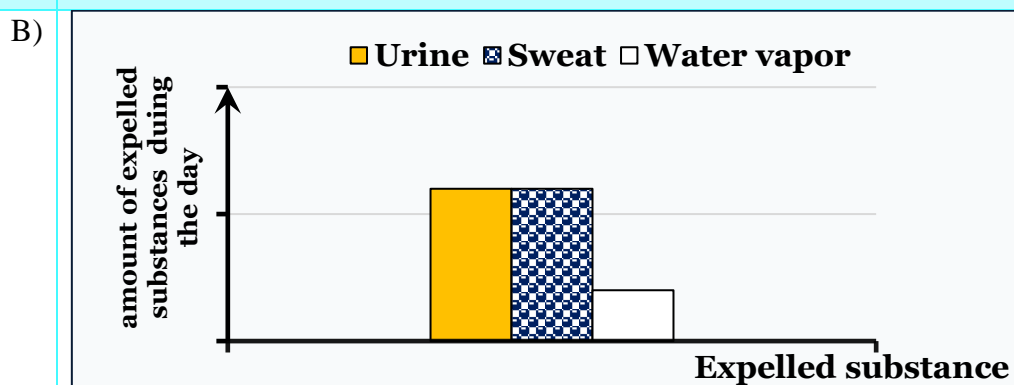
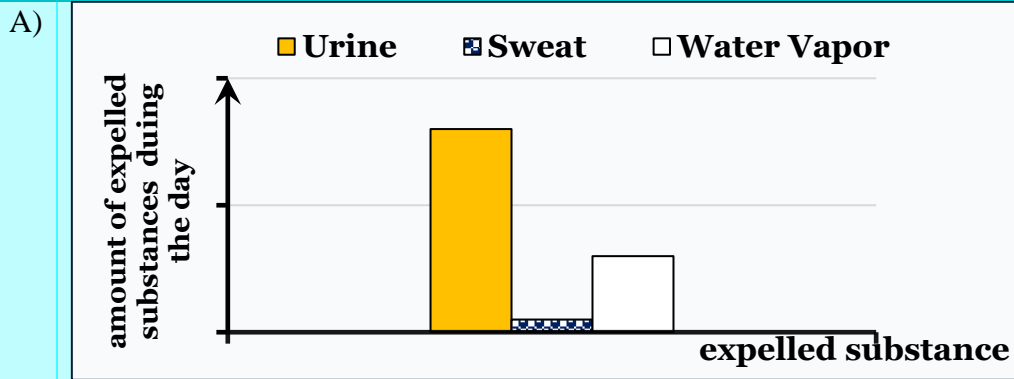
- A) Dilatation of the blood capillaries
- B) Increasing the number of sweat glands
- C) Decreasing the number of sweat glands
- D) Decreasing the diameter of blood capillaries

Q 28. Which of the following compounds does not transferred from (1) to (2)?



- A)
- B)
- C)
- D)

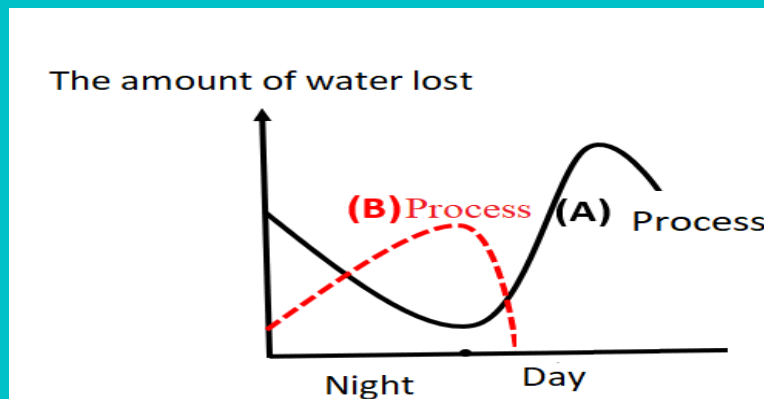
Q 29. Which of the following graphs represents the amount of expelled substances from a normal person in the fifth of January?



Q 30. Which of the following helps the plant to get rid of the largest amounts of water?

- A) Lenticles
- B) Epidermis
- C) Stomata
- D) Hydathodes

Q 31. The graph below shows the results of an experiment that measures the amount of lost water from a plant during a day in the first week of April.



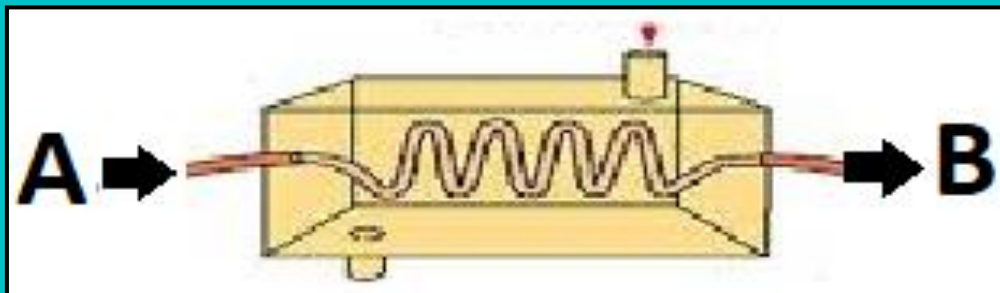
What are the processes (A) and (B) respectively?

- A) Guttation - Transpiration
- B) Transpiration - Guttation
- C) Photosynthesis- Transpiration
- D) Photosynthesis- Guttation

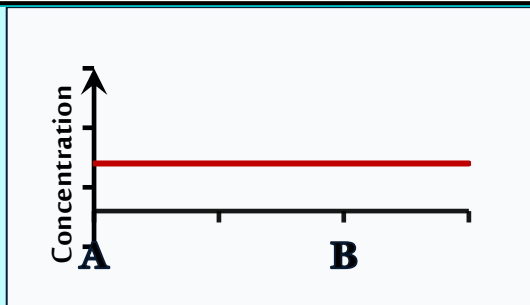
Q 32. When do acetyl choline compounds reach the surface of nerve fiber membrane?

- A) After the action of cholinesterase enzyme directly
- B) Before the action of calcium ions directly
- C) Before the action of sodium ions directly
- D) After the action of calcium ions directly

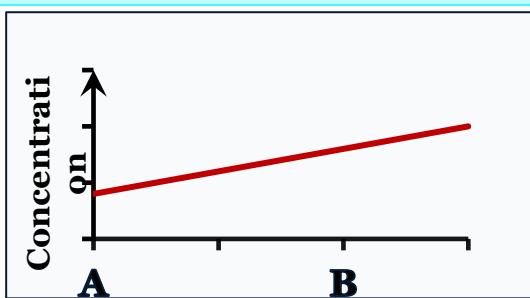
Q 33. Which of the following graphs represents the change in concentration of the thyroid hormone in blood of a patient with kidney failure during its passage in the artificial kidney apparatus?



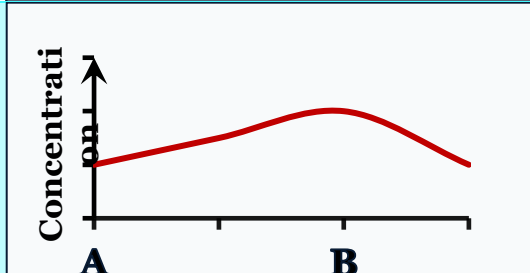
A)



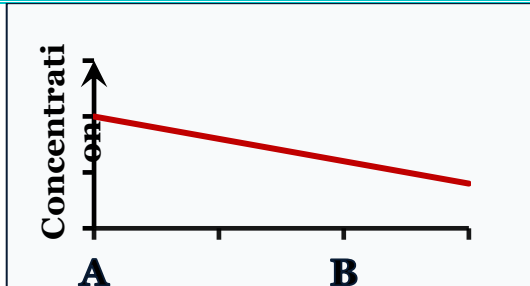
B)



C)



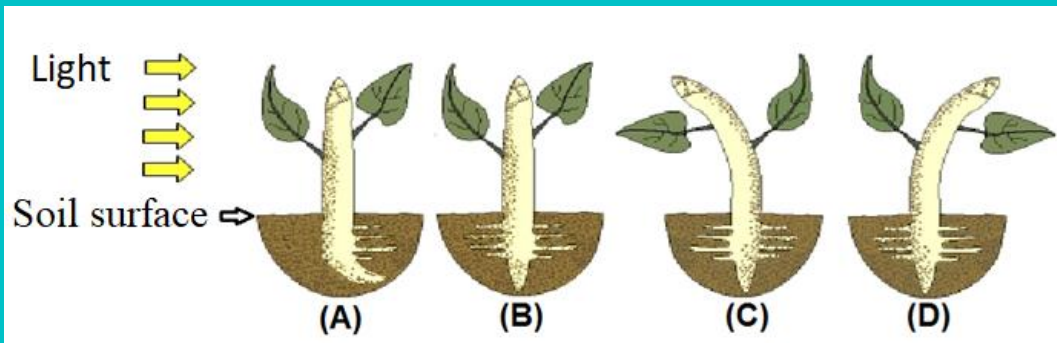
D)



Q 34. Which of the following processes helps the plant to get rid of excess phosphate ions?

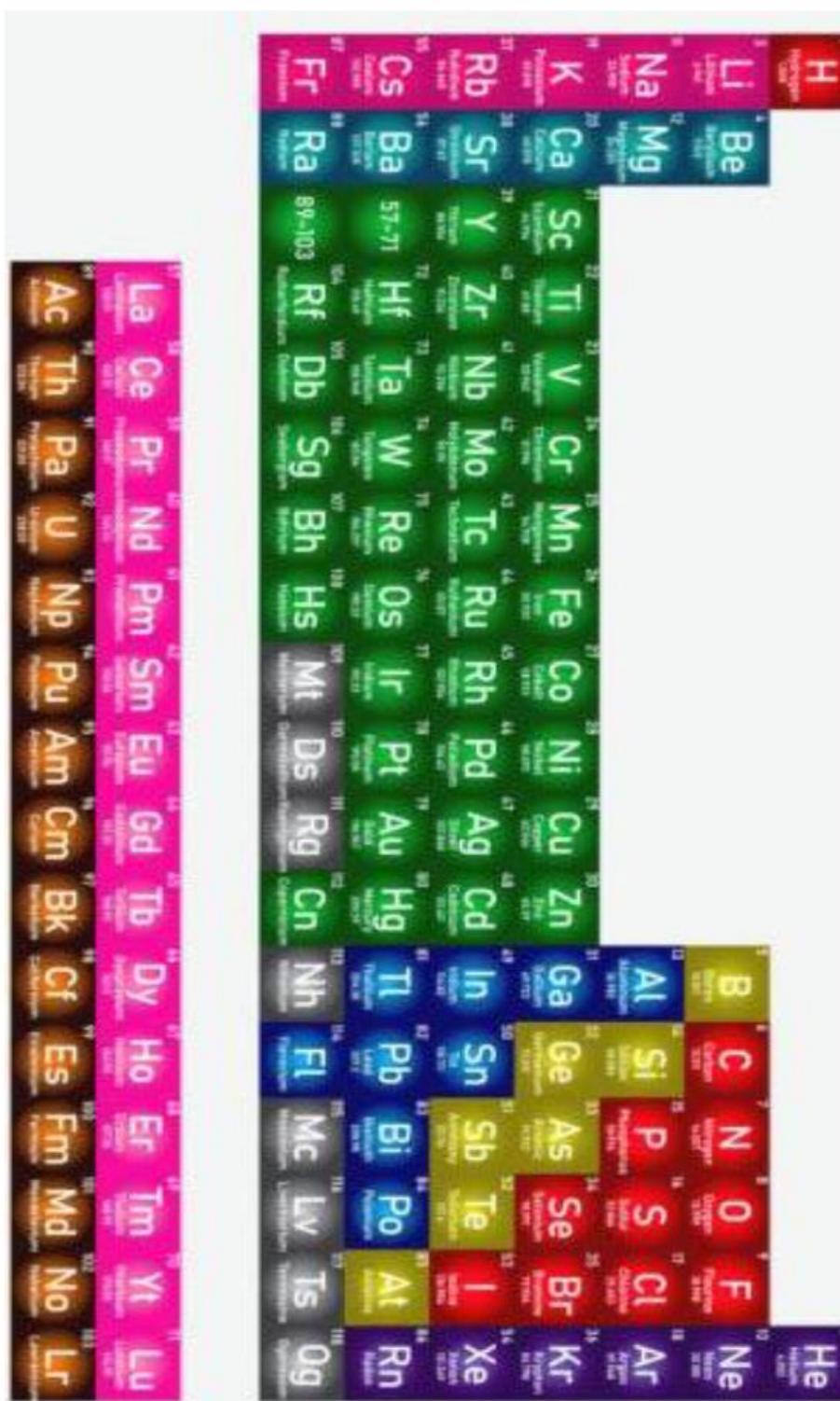
- A) Respiration
- B) Stomatal transpiration
- C) Exudation
- D) Guttation

Q 35. Which of the plants represents the correct respond for the opposite stimulus?



- A) A
- B) B
- C) C
- D) D

Periodic Table



1	H	2	He
3	Li	4	Be
5	Na	6	Mg
7	K	8	Ca
9	Rb	10	Sr
11	Cs	12	Ba
13	Fr	14	Ra
15		17	Cl
16		18	Ar
19		21	Sc
20		22	Ti
21		23	V
22		24	Cr
23		25	Mn
24		26	Fe
25		27	Co
26		28	Ni
27		29	Cu
28		30	Zn
29		31	Ga
30		32	Ge
31		33	As
32		34	Se
33		35	Br
34		36	Kr
35		37	Rb
36		38	Sr
37		39	Y
38		40	Zr
39		41	Nb
40		42	Mo
41		43	Tc
42		44	Ru
43		45	Rh
44		46	Pd
45		47	Ag
46		48	Cd
47		49	In
48		50	Sn
49		51	Sb
50		52	Te
51		53	I
52		54	Xe
53		55	Cs
54		56	Ba
55		57	La
56		58	Ce
57		59	Pr
58		60	Nd
59		61	Pm
60		62	Sm
61		63	Eu
62		64	Gd
63		65	Tb
64		66	Dy
65		67	Ho
66		68	Er
67		69	Tm
68		70	Yb
69		71	Lu
70		72	Hf
71		73	Ta
72		74	W
73		75	Re
74		76	Os
75		77	Ir
76		78	Pt
77		79	Au
78		80	Hg
79		81	Tl
80		82	Pb
81		83	Bi
82		84	Po
83		85	At
84		86	Rn
85		87	Fr
86		88	Ra
87		89	Ac
88		90	Th
89		91	Pa
90		92	U
91		93	Np
92		94	Pu
93		95	Am
94		96	Cm
95		97	Bk
96		98	Cf
97		99	Es
98		100	Fm
99		101	Md
100		102	No
101		103	Lr
102		104	Rf
103		105	Db
104		106	Sg
105		107	Bh
106		108	Hs
107		109	Mt
108		110	Ds
109		111	Rg
110		112	Cn
111		113	Nh
112		114	Fl
113		115	Mc
114		116	Lv
115		117	Ts
116		118	Og

Subject: English First language

Answers

Question No	Symbol	Answer
1.	D	Expansion
2.	B	link
3.	C	suitable
4.	D	rested
5.	A	give
6.	D	is being
7.	C	lives
8.	B	will be waiting
9.	C	have moved
10.	D	have been sailing
11.	B	Travelling by different ways
12.	D	They become unwell.
13.	A	Travelling is fun for some people and suffering for others.
14.	C	needs a lot of money
15.	D	The future ways of travelling.

Subject: Chemistry
Answers

Question No	Symbol	Answer
16.	C	two bond pair and two lone pair
17.	D	CsF
18.	A	Polar covalent
19.	B	Y_2X
20.	C	HCl
21.	B	$AlCl_3$
22.	D	XW
23.	C	Z
24.	B	C - F
25.	B	Z precedes X in the same period

Subject: Biology Answers

Question No	Symbol	Answer
26.	B)	Vegetables
27.	A)	Dilatation of the blood capillaries
28.	C)	Haemoglobin
29.	A)	
30.	C)	Stomata
31.	B)	Transpiration - Guttation
32.	D)	After the action of calcium ions directly
33.	A)	
34.	D)	Guttation
35.	C)	