

Tick the correct answer in the box of Computerized answer Sheet.

S #	Questions	A	B	C	D
1	Fats digest in.	Large intestine	Small intestine	Stomach	Buccal cavity
2	The quantity of sodium in leaf tissues of plants is.	0.01 - 10%	10 - 15%	12 - 16%	16 - 20 %
3	The quantity of carbon dioxide in air is increased by.	Photosynthesis	Respiration	Burning	Evaporation
4	When was Dr. Munir Ahmad khan born?	1926	1937	1940	1945
5	According to Al-Beruni radius of earth is.	6328km	6338km	6358km	6368km
6	Chlorofluorocarbon creates the disposes of.	Land pollution	Air pollution	Chemical pollution	Water pollution
7	The thickness of atmosphere is.	200km	1000km	1200km	1600km
8	About ____ Pakistani population depends on argiculture.	50%	60%	80%	90%
9	Spreading of germs is.	By air	By animal	By water	All of these
10	Mental disease is.	Neurosis	T.B.	Diphtheria	Cholera
11	Types of influenza virus are.	2	3	4	5
12	One gram carbohydrates provide energy . (K.Cal.)	4.1	4.5	5.1	5.5
13	Pancreas disposes hormone.	Insulin	Glucagon	Insulin & glucagon	Pepsin
14	Hormone which control inventory action.	Thyroxin	Epinephrene	Adrenal	Insulin
15	Blood groups discovered by.	Land Steiner	Thomson	Morgan	Fleming

Marks : 60

☆ **Subjective (Part-I)** ☆

Time: 02:10

2. Write short Answers of any six part.

- Write down the names of four Pakistani scientists.
- Explain in two lines the subject Physics.
- Define the word science.
- Why is the practical chemistry donated to the Muslim Scientists?
- Write down the names of two books of Jabir Bin Hayan. Which book was translated into English and who translated?
- What is the role of nitrogen with reference to plants?
- Write down the names of four rare gases and write the uses of two rare gases.
- Write down a few benefits of chlorine.
- Write down the names and percentage composition of four gases present in air.

3. Write short Answers of any six part.

- What is the difference between anabolism and catabolism processes?
- Name the fruits which have vitamin C.
- Define genome.
- What is meant by transgenic organisms?
- What is meant by recycling?

- What is the role of iron in the body?
- Which diseases may attack on dog or cat bite?
- Write two sources of protein.
- How can we classify lipids?

4. Write short Answers of any six part.

- Write any two effects of green house effect.
- Which are endangered species?
- What is meant by water pollution?
- What are fossil fuels?
- Write two benefits of wild life.
- How does Cholera spread?
- What is meant by sterilization?
- Write at least two harmful effects of smoking.
- What is the importance of pure water in human life?

☆ **Subjective (Part-II)** ☆

Attempt any three Questions. Each question has 8 marks.

- Write note on water soluble vitamins. 4
 - Describe different stages in human life. 4
- Describe the different components of blood and their functions. 4
 - What is genetic engineering? How can it help in improving agriculture and livestock? 4
- What are vitamins? In how many groups vitamins are divided? 4
 - What is the role of endocrine glands in our body? 4
- Write a note on narcotics. 4
 - Write down the harmful effects of smoking. 4
- Explain the effects of rising population on environment. 4
 - Write down the measures to reduce pollution. 4