Q. 1 Circle the correct option i.e. A / B / C / D. Each part carries one mark.

(i) The thrown away material converted into reusable form, this process is called:
A. Reprocessing B. Recycling C. Reproduction D. Repairing

(ii) Enzymes are made up of:
A. Proteins B. Carbohydrates C. Fats D. Water

(iii) Plasma in blood by volume is:
A. 50% B. 55% C. 60% D. 80%

(iv) Semi solid diet for children starts from:
A. 3 months B. 4 months C. 5 months D. 6 months

(v) How many types of electric charges are there?
A. 1 B. 2 C. 3 D. 4

(vi) First satellite planet Badar-I was sent in space by Pakistan in:

(vii) _______ is a good conductor of heat and electricity.
A. Copper B. Salt C. Natural gas D. Coal

(viii) Hydrogen has _______ neutrons.
A. 3 B. 2 C. 1 D. 0

(ix) Which vitamin is associated with the clotting of blood?
A. Vitamin A B. Vitamin B C. Vitamin D D. Vitamin K

(x) What is the unit of electric charge?
A. Ohm B. Ampere C. Coulomb D. Watt

(xi) The power of nuclear power plant commissioned at the bank of Chashma Canal is:
A. 100 mega watt B. 200 mega watt C. 250 mega watt D. 300 mega watt

(xii) The number of protons in oxygen atom is:
A. 16 B. 14 C. 8 D. 6

(xiii) Sputnik was sent into space by:
A. Russia B. America C. China D. France

(xiv) Ozone layer exists above the earth about:
A. 25 km B. 30 km C. 35 km D. 40 km

(xv) Through which material can the x-rays pass?
A. Bones B. Plastic C. Iron D. Lead

For Examiner's use only:

Total Marks: 15

Marks Obtained: 
جنرل سانس ایس ایس سی-II
(برائے اطفال معروف سماعت وگوائی)

وقت: 20 منٹ

حداقل 30 یونیورسٹی: 15

جوابوں کے تجزیہ: جوابات کے فیلڈ کو ڈبل گلاس گئے ہوں گے۔

(i) ب. 60 فیصد

(ii) ب. 80 فیصد

(iii) ب. 55 فیصد

(iv) ب. 50 فیصد

(v) ب. 60 فیصد

(vi) ب. 50 فیصد

(vii) ب. 70 فیصد

(viii) ب. 80 فیصد

(ix) ب. 80 فیصد

(x) ب. 80 فیصد

(xi) ب. 80 فیصد

(xii) ب. 80 فیصد

(xiii) ب. 80 فیصد

(xiv) ب. 80 فیصد

(xv) ب. 80 فیصد

شاہرہ: 15

----- 25A 1839 (HSC) -----
SECTION – B (Marks 36)

Q. 2 Attempt any TWELVE parts. The answer to each part should not exceed 2 to 3 lines. (12 x 3 = 36)

(i) What are the main components of human food?
(ii) Write briefly on control of plant diseases.
(iii) How many parts of blood are there? Write their name and quantity in the blood.
(iv) What do you know about Green House effect?
(v) Write the quantity of amino acids in proteins.
(vi) What is first aid?
(vii) What is air pollution?
(viii) How do laser differ from ordinary light?
(ix) Write names of basic measuring instruments used to measure electric quantities.
(x) Write names of any three important crops of Pakistan.
(xi) What are optical fibers?
(xii) How many Megawatt of electricity are produced by KANUPP and when was it established?
(xiii) What do you understand by C.T Scan?
(xiv) Give the general characteristics of Enzymes.
(xv) Mention the important air pollutants.
(xvi) Write names of different layers of atmosphere.
(xvii) Name some of the diseases diagnosed by ultrasound.
(xviii) Write briefly about the dangers of electricity.

SECTION – C (Marks 24)

Note: Answer any THREE questions. All questions carry equal marks. (3 x 8 = 24)

Q. 3 What do you know about nuclear program of Pakistan?
Q. 4 Discuss Urbanization.
Q. 5 What is water pollution? Mention important water pollutants.
Q. 6 a. How does a Rocket work in space?
    b. What is satellite? Name the different types of satellites.
جنرل سائنس ایس ایس سی - II

(برنی اطفال محروم سمااعت و گوینانی)

وقت: 50 دقیقه

سوالات کل: 36

سوالات مجموع کل: 24

سوالات شتم: 3

سوالات اضافی: 3

سوالات اضافی اکثریت (Sheet-B)

_____ 2SA 1639 (HIC) _____

(12×3=36)