

GREENLAWNS HIGH SCHOOL

STD-VI

SUBJECT-SCIENCE

MARKS-80

DATE-6-10-26

TERMINAL EXAM

TIME- 2 HOURS

Q I A) MULTIPLE CHOICE QUESTIONS:

(10)

- 1) White sugar on heating changes to a golden brown liquid caramel.
a) Chemical change b) Physical change
c) Constant change d) Colour change
- 2) A set of organs which perform a specific function together is called a:
a) Tissue b) Organ system c) Cell d) Skeleton
- 3) The SI unit of mass is:
a) Newton b) Metre c) Kilogram d) Gram
- 4) The interval between two events
a) Temperature b) Beam balance c) Oscillation d) Time
- 5) Apparatus used for holding test tubes while heating substances or pouring liquids
a) Glass funnel b) Tripod stand c) Test tube holder d) Watch glass
- 6) The imaginary line joining the two poles of a magnet is called:
a) Magnetic equator b) Magnetic axis
c) Magnetic field d) Line of force
- 7) Water can be changed into its solid state by _____ its temperature to its freezing point.
a) Increasing b) Lowering c) Vibrating d) Compressing
- 8) The teeth help in:
a) Tasting food b) Chewing and grinding food
c) Absorbing food d) Producing enzymes
- 9) Demagnetisation of a magnet occurs when
a) Rough handling of a magnet b) Dropping the magnet many times
c) Hammering the magnet violently d) All of the given options a,b,c.
- 10) The magnetic force is _____ at the poles of a magnet.
a) Minimum b) Maximum c) Constant d) Changing

Q I B) MATCH THE FOLLOWING:

(5)

- | | |
|-----------------------|-----------------------------|
| 1) Magnetic compass | a) Easily compressible |
| 2) Stomach | b) Supports glass apparatus |
| 3) Luminous intensity | c) Absorbs digested food |
| 4) Gas | d) Sailors and navigators |
| 5) Tripod stand | e) Candela |

Q II A) NAME THE FOLLOWING:

(6)

- 1) Acid present in gastric juice.
- 2) Magnets made by passing an electric current.
- 3) Complete change of composition of matter forming new substance.
- 4) Glass tube apparatus used to transfer a definite amount of liquid from one container to another.
- 5) Organ that secretes bile juice.
- 6) Error introduced due to the wrong positioning of the eye while taking reading/measurements.

Q II B) TRUE OR FALSE, if false correct the underlined word :

(6)

- 1) Wire gauze is a bowl shaped container made of glass used to hold liquids.
- 2) Each piece of a broken magnet has both north and south poles.
- 3) Liquids have indefinite volume.
- 4) The most accurate time keeping device in the world is the digital clock.
- 5) The intermolecular force in solids is very strong.
- 6) Salivary glands are present in the stomach.

Q III A) Fill in the blanks:

(4)

- 1) 1 gram = _____ mg.
- 2) 1 second = _____ part of a solar day.
- 3) 1 hour = _____ seconds.
- 4) No of divisions in Fahrenheit scale is _____

Q III B) Identify the following as magnetic and non-magnetic substances: (3)

Iron nail, wood , paper , copper wire , plastic and shaving blade.

Q IV) ANSWER IN ONE SENTENCES:

(10)

- 1) What is the S.I unit of the temperature?
- 2) Which enzyme digests proteins in the stomach?
- 3) Which apparatus is a glass tube with a broad inlet at the top?
- 4) 1 millennium equals how many years?
- 5) What is the Boiling point of water?
- 6) What happens when a magnet is suspended freely?
- 7) Digestive organ which absorbs water after digestion of food.
- 8) Which balance is used for weighing grocery items.
- 9) What happens when like poles are brought together?
- 10) Explain expansion.

Q V A) DEFINE:

(5)

- 1) Magnetic field
- 2) Sublimation
- 3) Matter
- 4) Digestion
- 5) Bunsen burner

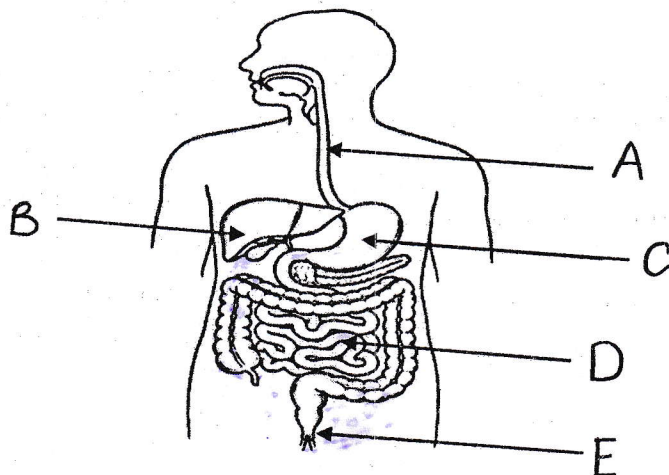
Q V B) DIFFERENCE BETWEEN :

(6)

- 1) Mass and Weight (w.r.t how is it measured)
- 2) Small intestine and Large intestine (w.r.t its function)
- 3) Measuring cylinder and Flask (w.r.t its use)
- 4) Permanent magnet and Temporary magnet (w.r.t magnetic strength)
- 5) Solid and Gas (w.r.t molecular arrangement and intermolecular space)
- 6) Length of a magnet and Effective length of a magnet (w.r.t definition)

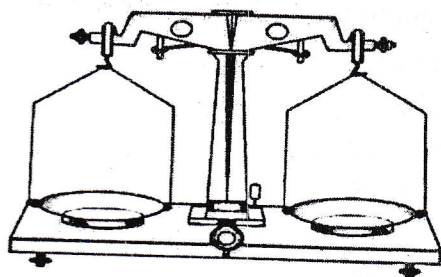
Q VI A) LABEL THE DIAGRAM AS A, B, C, D, E.

(5)



Q VI B) PICTURE STUDY:

(5)



- i) Identify the instrument shown in the above figure.
- ii) Why is the physical balance kept inside a glass case?
- iii) What material is the beam made up of? (Any 1)
- iv) How many scale pans and knife edges are used in above instrument.
- v) What does the central knife edge serve as?

Q VII) ANSWER THE FOLLOWING:

- 1) List any 2 precautions to be taken in a chemistry laboratory. (2)
 - 2) A) If the temperature of an object is 35°C . Calculate its temperature in Kelvin. (2)
B) A pendulum completes 12 oscillations in 24 seconds. What is its time period? (2)
 - 3) Define diffusion and describe diffusion with respect to solid, liquid and gas. (3)
 - 4) What is temperature? List 2 ways on how clinical thermometer is different from a laboratory thermometer. (3)
 - 5) State the 3 enzymes secreted by pancreatic juice. Also mention the functions of the enzymes. (3)
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