

SECTION "A" (COMPULSORY)

MULTIPLE CHOICE QUESTIONS (M.C.Qs) (Marks: 30)

Note: Attempt all the questions of this section. (ii) Do not copy down the part questions. Write only the answer against the proper number of the question and its part according to the question paper. (iii) Each question carries 1 mark.

- Q.1 Choose the correct answer for each from the given options:
- (1) Science is the knowledge which based on:
 ☆ Assumptions ☆ Predictions
 ☆ Observations ☆ Big ideas
- (2) People living in cold regions of the world must take more in their diet:
 ☆ Fats ☆ Carbohydrates
 ☆ Protein ☆ Vitamin and Fruits
- (3) It is the universal solvent:
 ☆ Oil ☆ Water ☆ Milk ☆ Tea
- (4) Obesity is caused by:
 ☆ Lack of exercise ☆ Physical work
 ☆ Mental work ☆ Poor food
- (5) The quantity of oxygen by volume in the air is:
 ☆ 20.99% ☆ 46% ☆ 55% ☆ 72%
- (6) The parts of human brain are:
 ☆ 7 ☆ 5 ☆ 3 ☆ 2
- (7) Goiter is caused by:
 ☆ Endocrine malfunction ☆ Viral infection
 ☆ Bacterial infection
 ☆ Nutritional deficiency
- (8) BCG vaccine is used for the prevention of:
 ☆ Influenza ☆ Tetanus
 ☆ Tuberculosis ☆ Hepatitis

- (9) Atmosphere extends above the earth up to a distance of:
 ☆ 65km ☆ 650km ☆ 655km ☆ 605km
- (10) The normal percentage of carbon in wrought iron is:
 ☆ 1.5% to 4.5% ☆ 0.5% to 1.4%
 ☆ 0.6% to 1.2% ☆ 0.12% to 0.25%
- (11) Synthesis of organic compounds inside the body of an organism is:
 ☆ Metabolism ☆ Anabolism
 ☆ Catabolism ☆ Cannibalism
- (12) The insulin hormones is secreted by:
 ☆ Pituitary gland ☆ Thyroid gland
 ☆ Pancreas ☆ Adrenal gland
- (13) Heroin is a:
 ☆ Stimulant ☆ Narcotic
 ☆ Hallucinogen ☆ Causative drug
- (14) It is an important part of bone and teeth:
 ☆ Calcium ☆ Sodium ☆ Iron ☆ Sulphur
- (15) The green house gas is:
 ☆ Oxygen ☆ Carbondioxide
 ☆ Nitrogen ☆ Ozone
- (16) Technology is nothing but:
 ☆ Experience of man ☆ Knowledge
 ☆ Way of life
 ☆ Application of scientific knowledge
- (17) Wheat and rice provide:
 ☆ Vitamins ☆ Proteins
 ☆ Minerals ☆ Carbohydrates
- (18) The industrial revolution came in 18th century after the invention of:
 ☆ Electricity ☆ Electromagnet
 ☆ Steam Engine ☆ Microscope
- (19) A type of psychosis is:
 ☆ Schizophrenia ☆ Anxiety
 ☆ Hysteria ☆ All of these
- (20) The most essential element in petroleum and other organic compound is:
 ☆ Calcium ☆ Sulphur ☆ Magnesium ☆ Carbon
- (21) Liver, fish, milk and eggs provide vitamin:
 ☆ A ☆ B₆ ☆ D ☆ B₁₂
- (22) The compound used in the development and printing of photographic films is:
 ☆ Sodium carbonate ☆ Sodium thiosulphate
 ☆ Calcium carbonate ☆ Magnesium oxide

- (23) Digestion of carbohydrates means its ultimate conversion into:
 ☆ Glucose ☆ Fructose
 ☆ Maltose ☆ Sucrose
- (24) This vitamin helps in coagulation of blood:
 ☆ A ☆ K ☆ B ☆ C
- (25) The amount of protein in protoplasm is:
 ☆ 19% ☆ 15% ☆ 21% ☆ 35%
- (26) The knowledge was first tested through the experiments by:
 ☆ Greek Philosophers ☆ Romans
 ☆ Muslims ☆ European
- (27) How much blood an average human body contains:
 ☆ One litre ☆ Five litres
 ☆ Ten litres ☆ Fifteen litres
- (28) Best food means:
 ☆ Well cooked food ☆ Rich food
 ☆ Simple food ☆ Balance food
- (29) Hepatitis is the inflammation of:
 ☆ Stomach ☆ Liver ☆ Intestine ☆ Throat
- (30) The layer of atmosphere most helpful in communications is:
 ☆ Ionosphere ☆ Thermosphere
 ☆ Troposphere ☆ Mesosphere