



PUNJAB EXAMINATION COMMISSION

GRADE – 8 YEAR 2007

Science Part-(A)

MULTIPLE CHOICE QUESTIONS

TIME ALLOWED: 1 hour 20 minutes

Specific Instructions:

Forty (40) Multiple Choice Questions (MCQs) are given in this part. Every question has one statement and four options for selection. Please tick the correct option on the computerized answer sheet. If more than one option is ticked, the question will be marked wrong.

- Q. No.1.** “Influenza” is a disease which is produced by
(a) Bacteria (b) Virus (c) Algae (d) Fungi
- Q. No.2.** Symbol used to represent the element silver is
(a) Sv (b) Si (c) Ag (d) Au
- Q. No.3.** In Phosphate radical how many number of oxygen atoms are present
(a) 12 (b) 3 (c) 4 (d) 7
- Q. No.4.** Chemical formula for Ammonium (NH₄) Carbonate (CO₃)₂ is
(a) NH₄CO₃ (b) (NH₄)₃. (CO₃)₂
(c) (NH₄)₂. CO₃ (d) (NH₄)₃. CO₃
- Q. No.5.** Acid found in tomatoes is
(a) Acetic Acid (b) Citric Acid
(c) Lactic Acid (d) Oxalic Acid
- Q. No.6.** Which hydroxide is used in making Rayon
(a) Sodium (b) Potassium
(c) Calcium (d) Ammonium
- Q. No.7.** Which of following is a good conductor of electricity
(a) Diamond (b) Graphite
(c) Coke (d) Charcoal
- Q. No.8.** Coal is the example of Carbon in
(a) Allotropic form (b) Crystalline form
(c) Amorphous form (d) Compound form
- Q. No.9.** If the temperature of certain things is 40° C, it is equal in Fahrenheit Scale
(a) 44°F (b) 104°F
(c) 94°F (d) 144°F
- Q. No.10.** Which part of eye acts like the diaphragm of Camera
(a) Cornea (b) Sclera (c) Pupil (d) Iris

- Q. No.11.** The Electrolyte used in a Dry Cell is part of
(a) Calcium Carbonate (b) Plaster of Paris
(c) Ammonium Carbonate (d) Ammonium Chloride
- Q. No.12.** Power is measured in
(a) Jolt (b) Watts (c) KWH (d) Volt
- Q. No.13.** Granite is the example of
(a) Igneous Rocks (b) Sedimentary Rocks
(c) Metamorphic Rocks (d) Kimberlite rock
- Q. No.14.** How many Stars are about there in milky way galaxy
(a) 100 million (b) 100 billion
(c) 200 million (d) 200 billion
- Q. No.15.** How far is our Sun away from the center of the milky way galaxy
(a) One-fourth (b) One-Third
(c) Two-Third (d) Three-Fourth
- Q. No.16.** Organisms getting food from other living organisms and dead matter are called
(a) Autotrophs (b) Parasites
(c) Heterotrophs (d) Saprophytes
- Q. No.17.** Following are the examples of vertebrates
(a) Jelly Fish, Corals (b) Tapeworms Ringworm
(c) Butterfly, Honey Bee (d) Parrot, Horse
- Q. No.18.** Global Warming is the result of increased proportion of some gases as
(a) Oxygen + Nitrogen
(b) Hydrogen + Methane
(c) Chlorine + Fluorine
(d) Carbon dioxide + Chloroform methane
- Q. No.19.** Fertilizer used to meet the deficiency of phosphorous in plants is
(a) Phosphoric acid (b) Super phosphate
(c) Sodium phosphate (d) Calcium phosphate
- Q. No.20.** The Object Seen through lens seems different in size because it
(a) Emit light (b) Refract light
(c) Reflect light (d) Absorb light
- Q. No.21.** In Dry Cell the positive electrode is of
(a) Zinc (b) Carbon
(c) Ammonium Chloride (d) Manganese dioxide
- Q. No.22.** For preservation, milk is heated for half an hour at
(a) 71 C° (b) 61 C°, (c) 51 C°, (d) 62 C°
- Q. No.23.** Which Planet has larger orbit around the Sun
(a) Venus, (b) Mars, (c) Mercury, (d) Earth

- Q. No.24.** A tub of water at $70\text{ }^{\circ}\text{C}$ and milk at $50\text{ }^{\circ}\text{C}$ are mixed. Which of following will occur?
(a) Temperature of water will increase
(b) Water cools until their temperature becomes same
(c) Temperature of milk will not change
(d) Temperature of milk will decrease
- Q. No.25.** Seasons on earth are due to the
(a) Earth orbiting the sun (b) Moon orbiting the earth
(c) Earth rotating on its axis (d) The moon blocking sunlight
- Q. No.26.** The value of $122\text{ }^{\circ}\text{F}$ in Celsius Scale is
(a) $20\text{ }^{\circ}\text{C}$ (b) $30\text{ }^{\circ}\text{C}$ (c) $40\text{ }^{\circ}\text{C}$ (d) $50\text{ }^{\circ}\text{C}$
- Q. No.27.** At what place image will be formed if object is at $2F$ of convex lens.
(a) Inside pole and $2F$ (b) Beyond $2F$ (c) $2F$ (d) F
- Q. No.28.** Freely suspended magnet stays in North-South direction due to magnetic field of
(a) Stars (b) Planets (c) Earth (d) Sun
- Q. No.29.** Unit of pressure is
(a) Newton (b) Kilogram (c) Meter (d) Pascal
- Q. No.30.** In photosynthesis plants produce.
(a) O_2 , (b) H_2 , (c) CO_2 , (d) CO
- Q. No.31.** Diseases caused by Viruses
(a) Cold and SARS
(b) Cold and Pneumonia
(c) Cancer and Pneumonia
(d) SARS and Pneumonia
- Q. No.32.** Temperature of outer surface of the Sun
(a) $6000\text{ }^{\circ}\text{C}$ (b) $8000\text{ }^{\circ}\text{C}$
(c) $1000\text{ }^{\circ}\text{C}$ (d) $12000\text{ }^{\circ}\text{C}$
- Q. No.33.** Hydal Power Plant change/ convert
(e) Electrical to Mechanical Energy
(f) Mechanical to Electrical Energy
(g) Chemical to Electrical Energy
(h) Heat to Electrical Energy
- Q. No.34.** The change in direction of light passing from one medium to other is called
(a) Reflection (b) Refraction
(c) Dispersion (d) Absorption
- Q. No.35.** An instrument used to measure the change of temperature
(a) Barometer (b) Manometer
(c) Lactometer (d) Thermometer

- Q. No.36.** Raw material used for production of Cement along with Lime Stone and Clay
(a) Calcium (b) Sodium
(c) Potassium (d) Gypsum
- Q. No.37.** Branch of Chemistry which deals with Carbon Compounds
(a) Inorganic (b) Organic
(c) Physical (d) Analytical
- Q. No.38.** Rice Plant belongs to
(a) Mosses (b) Ferns
(c) Conifers (d) Flowering Plants
- Q. No.39.** The group of animals belongs to cold blooded
(a) Fishes and birds
(b) Amphibians and mammals
(c) Fishes and reptiles
(d) Reptiles and birds
- Q. No.40.** Gigantic Clouds of dust and gases in space is
(a) Nebula (b) Black Hole
(c) Constellation (d) Milky Way



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Roll Number : _____ رول نمبر _____ Center Code : _____ سنٹر کوڈ _____

Signature of Supervisor : _____ Dated : _____

Science Part-(B)

OPEN ENDED QUESTIONS

TIME ALLOWED: 40 minutes

Instruction: This part has 5 Open Ended Questions. Please use blank space below the question to write the answers.

Q. No.41.

(a) Define biotechnology? [2]

(b) What is the role of biotechnology for human welfare? [3]

(c) How we can relate Current and Potential difference, explain it with activity? [2]

Q. No.44. (a) Define concave and convex Lenses. [1]

(b) Draw the image diagram of an object placed between F and 2F of a Convex Lenses. [2]

(c) If temperature of certain place is 86 F° , find its value in Celsius and Kelvin Scales. [2]

Q. No.45. (a) What is Black Hole?

[1]

(b) Write the names of four sedimentary rocks.

[2]

(c) Why Hydal power is preferable than the Thermal power? Explain.

[2]
