



SCIENCE

General Instructions:

- 1) Candidate will write his Roll Number on Computerized Answer Sheet and Open Ended Part in digits. It is repeated, write Roll Number in digits.
- 2) Attempt all questions. Read each question carefully before answering.
- 3) Instructions to solve these questions are written with related parts.
- 4) Students are not allowed to take the Question Paper/Answer Sheet out of the Examination Centre.
- 5) Tick the correct option with a PEN, for right answer to the MCQ's part, on the computerized answer sheet. Tick sign must be remain within the box.

Example:

1. Pakistan came into being.

- (a) 1856 (b) 1905 (c) 1947 (d) 1927

Correct method to answer:

Q.1	(a)	(b)	(c)	(d)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Note: Multiple ticked answers for one question will be considered wrong.

Part-(A)

MULTIPLE CHOICE QUESTIONS

TIME ALLOWED: 1 hour 20 minutes

Specific Instructions:

40 Multiple Choice Questions (MCQs) are given in this part. Attempt all questions. All questions carry equal marks.

Q. No.1. A disease caused by bacteria is

- (a) Aids (b) Measles (c) Small Pox (d) cholera

Q. No.2. At what °C food is heated in sterilization

- (a) 86-90 (b) 96-100 (c) 106-110 (d) 120-126

Q. No.3. Fungi are composed of thread like structure called

- (a) Hyphar (b) Roots
(c) Filaments (d) Veins

Q. No.4. The body cells are arranged into two layers in which animals

- (a) Sponges (b) Worms
(c) Jelly Fishes and Corals (d) Shelled animals

Q. No.5. Name the group of animals living in two environments

- (a) Fishes (b) Reptiles
(c) Birds (d) Amphibians

- Q. No.6. A group of warm blooded animals is**
(a) Mammals and birds (b) Fishes and mammals
(c) Fishes & birds (d) fishes and reptiles
- Q. No.7. Which type of radiation Ozone layer stops**
(a) Infrared (b) Ultra-violet (c) heat (d) light
- Q. No.8. DNA determines and transfers the characteristics by**
(a) Mosses (b) Chromosomes
(c) Genetic Code (d) RNA
- Q. No.9. Hormone that protects the body against cancer**
(a) Insulin (b) Thyroxin
(c) Growth Hormone (d) Interferon
- Q. No.10. Symbol of Cobalt is**
(a) cO (b) CO₂
(c) Co (d) CO
- Q. No.11. In Calcium Chloride the simplest ratio of Calcium ion and Chloride ion is**
(a) 2 : 1 (b) 1 : 1
(c) 1 : 2 (d) 2 : 3
- Q. No.12. When two or more elements or compounds combine to form only a single new compound, this reaction is known as**
(a) Synthesis (b) Simple Decomposition
(c) Oxidation (d) Hibernation
- Q. No.13. The ratio between masses of Hydrogen and Oxygen is**
(a) 8 : 1 (b) 7 : 8
(c) 8 : 7 (d) 1 : 8
- Q. No.14. Which is a mineral acid**
(a) Citric Acid (b) Sulphuric Acid
(c) Acetic Acid (d) Lactic Acid
- Q. No.15. A rock is taken from moon is brought to earth there will be change in its**
(a) weight (b) length (c) shape (d) mass
- Q. No.16. How many compounds have Carbon**
(a) 65 % (b) 70 %
(c) 75 % (d) 80 %
- Q. No.17. What percentage of Carbon is present in Coke**
(a) 60 % (b) 70 %
(c) 90 % (d) 80 %
- Q. No.18. One carat is equal to**
(a) 200 mg (b) 100 mg
(c) 250 mg (d) 150 mg

Q. No.19. Fraction of crude oil which is used in the preparation of detergents

- (a) Phenolphthalein (b) Hydrogen Carbonate
(c) Sodium Hydroxide (d) Naphtha

Q. No.20. The basic unit of classification is

- (a) Phylum (b) Species
(c) Class (d) Virus

Q. No.21. The compound called the “King of Chemical” is

- (a) KOH (b) HCL
(c) H₂SO₄ (d) NaCl

Q. No.22. We see things due to

- (a) Refraction (b) Dispersion
(c) Reflection (d) Irregular reflection

Q. No.23. A chemical change is

- (a) Boiling of Egg (b) Boiling of water
(c) Boiling of milk (d) Melting of ice

Q. No.24. What is the unit of pressure

- (a) Pascal (b) Kilogram
(c) Kelvin (d) Ton

Q. No.25. The line passing through two centres of curvature is called

- (a) Optical Centre (b) Principal Axis
(c) Principal Focus (d) Focal Length

Q. No.26. What is the diameter of an eye

- (a) 2.5 cm (b) 3.5 cm
(c) 1.5 cm (d) 2 cm

Q. No.27. Potential difference of normal dry cell is

- (a) 1.4 Volts (b) 1.5 Volts
(c) 2.5 Volts (d) 1.25 Volts

Q. No.28. Which energy is gained when water flows from a height in a dam

- (a) Potential Energy (b) Mechanical Energy
(c) Kinetic Energy (d) Thermal Energy

Q. No.29. What types of rocks are gabbro and granite

- (a) Igneous Rocks (b) Metamorphic Rock
(c) Sedimentary Rocks (d) Intrusive Rock

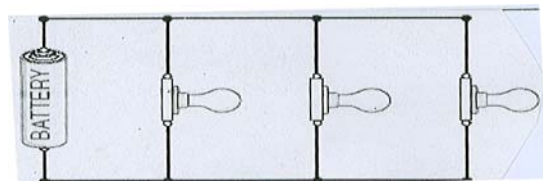
Q. No.30. Chalk, Peat and Coal are the examples of

- (a) Extrusive Rocks (b) Intrusive Rocks
(c) Sedimentary Rocks (d) Metamorphic Rocks

Q. No.31. Fossils are studied in

- (a) Biology (b) Physiology
(c) Morphology (d) Paleontology

Q. No.32. Which of the following circuit is shown in this diagram



- (a) Series (b) parallel
(c) Short (d) Open

Q. No.33. Electric charge on proton is

- (a) -1 (b) 0 (c) +2 (d) +1

Q. No.34. What is a Bernard Star

- (a) Red Giant (b) Blue Giant
(c) White Dwarf (d) Black Dwarf

Q. No.35. The core of super giant collapses with a huge explosion called

- (a) Big Bang (b) Black Hole
(c) Asteroids (d) Supernova

Q. No.36. Silicon is obtained from sand in the form of

- (a) Silicate (b) Silicon Dioxide
(c) Silicon Chip (d) Silicon Carbonate

Q. No.37. What is the formula of glucose

- (a) $C_6H_{12}O_6$ (b) $C_{12}H_6O_{12}$
(c) $C_9H_{12}O_9$ (d) $C_6H_{22}O_6$

Q. No.38. Solid Carbon dioxide is also called

- (a) Carbogen (b) Sodium Carbonate
(c) Dry Ice (d) Soda Water

Q. No.39. In how many seconds light reaches from sun to earth.

- (a) 600 (b) 500 (c) 400 (d) 300

Q. No.40. How much area of Pakistan is covered with forests

- (a) 5 % (b) 4.5 %
(c) 15 % (d) 25 %



Version 5

Q.No.	1	2	3	4	5
Marks:					
d r E Á í n s					

GRADE-8 EXAMINATION 2008

Roll Number: _____ ù r k

Center Code: _____ ð

Signature of Supervisor: _____

Date: _____

SCIENCE Part-(B) OPEN ENDED QUESTIONS

TIME ALLOWED: 40 minutes

Specific Instructions: This part has 5 Open Ended Questions. Please use blank space below the question to write the answer.

Q. No.41. (a) Define pressure. (1)

(b) Write factors on which liquid pressure depends. (2)

(c) Explain characteristic of liquid pressure. (2)

Q. No.42.

(a) What is meant by Carrying Capacity? (2)

(b) What is the relationship between Population and Community? (3)

Q. No.43.

(a) What is sound. (1)

(b) How sound is produced

(2)

(c) Discuss sound can pass through solids.

(2)

Q. No.44.

(a) What is Catenation?

(2)

(b) Write down the industrial method of the preparation of Carbon dioxide? (3)

Q. No.45.

(a) Define fossils. (2)

(b) Write down the types of mineral rocks briefly. (3)
