

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) Students are not allowed to take the Question Paper/Answer Sheet out of the Examination Centre.
- 4) Tick the correct option with a Ball Point, 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:

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

Note: If you tick more than one options of a question, answers for one question will be considered wrong and no marks will be awarded.

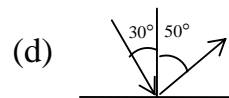
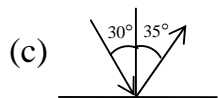
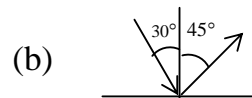
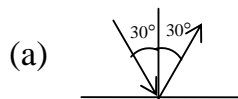
Part-(A)
MULTIPLE CHOICE QUESTIONS

TIME ALLOWED: 1 hour

Specific Instructions:

Thirty (30) Multiple Choice Questions (MCQs) are given in this part. Attempt all questions. All questions carry equal marks.

- Q. No. 1. The percentage of water in our body is
(a) 30% (b) 50% (c) 70% (d) 90%
- Q. No. 2. In your garden there are varieties of orange *plants*. Only one of the plant gives sweet oranges. Which of the following method will you use to get sweet oranges by all plants?
(a) Cutting (b) Grafting (c) Layering (d) Seed Sowing
- Q. No. 3. Which of the following picture represents the law of reflection of light from a smooth surface?



- Q. No. 4. Vaccines are given to the babies for prevention of diseases.
(a) Fever and Polio
(b) Malaria and Tetanus
(c) Measles and Typhoid
(d) Whooping cough and Hepatitis
- Q. No. 5. The correct order of increasing number of moons in planets is
(a) Jupiter, Mercury, Pluto
(b) Jupiter, Pluto, Mercury
(c) Mercury, Jupiter, Pluto
(d) Mercury, Pluto, Jupiter
- Q. No. 6. Pollution is produced by using more
(a) Fossil Fuels (b) Hydal Power
(c) Solar Energy (d) Recycled material
- Q. No. 7. Drinking of polluted water may cause the disease of
(a) Cholera (b) Eye Sours
(c) Malaria (d) Cancer
- Q. No. 8. If an organism has not been seen living for last 50 years, it is said to be
(a) Dinosaurs (b) Endangered
(c) Extinct (d) Fossil
- Q. No. 9. Boiling of an egg is a
(a) Chemical change
(b) Natural change
(c) Physical change
(d) Physical and chemical change
- Q. No. 10. Which of the following group is the conductor of electricity
(a) Aluminum and Wood
(b) Copper and Plastic
(c) Iron and Brass
(d) Wood and Rubber
- Q. No. 11. The number of Indus dolphin left are
(a) 1000 (b) 1100 (c) 1200 (d) 1300
- Q. No. 12. Which one is **NOT** a chemical change
(a) Burning of wood
(b) Change of water into ice
(c) Digestion of food
(d) Rusting of iron
- Q. No. 13. More Iron particles are present in
(a) Clay (b) Gravel soil
(c) Loam (d) Sand

- Q. No. 14. In order to make their own food plant leaves absorb
(a) Minerals (b) Oxygen
(c) Rain (d) Sunlight
- Q. No. 15. Echo can be controlled in a room by
(a) Painting doors (b) Painting walls
(c) Using curtains (d) Using electric fan
- Q. No. 16. Sound **CANNOT** pass through
(a) Room (b) Tea (c) Table (d) Vacuum
- Q. No. 17. Ripened ovary is converted into
(a) Cone (b) Fruit (c) Ovule (d) Seed
- Q. No. 18. Force that slow down or stops the motion of a bicycle is
(a) Frictional (b) Gravitational
(c) Magnetic (d) Electrical
- Q. No. 19. The seeds of Guava are
(a) Hard and large (b) Hard and small
(c) Soft and small (d) Small and large
- Q. No. 20. If powder of iron is mixed in water. To separate this powder we will use
(a) Cell (b) Compass (c) Magnet (d) Bulb
- Q. No. 21. The organs that makes the nervous system are
(a) Brain, Nerves, Muscles
(b) Brain, Spinal cord, Nerves
(c) Nerves, Muscles, Blood vessels
(d) Nerves, Bones, Spinal cord
- Q. No. 22. Wheel of a car rotates by using energy
(a) Electrical (b) Heat
(c) Mechanical (d) Potential
- Q. No. 23. If the number of electron in an atom are 7 than the number of proton will be
(a) 5 (b) 7 (c) 9 (d) 11
- Q. No. 24. The group that represents the physical change is
(a) Burning of oil and melting of ice cream
(b) Dissolving sugar in water and curd formation
(c) Lightning of bulb and melting of snow
(d) Rusting of iron and burning of coal
- Q. No. 25. Living things for their growth most likely needs
(a) Energy (b) Force (c) Power (d) Rest

- Q. No. 26. If the cap of a glass bottle is not opening in winter. To get it opened you have to dip the cap for some time into
- (a) Cold water
 - (b) Fresh water
 - (c) Hot water
 - (d) Milk
- Q. No. 27. The reason of extinction of animal is **NOT**
- (a) More rains
 - (b) Over hunting
 - (c) Pollution
 - (d) Urbanization
- Q. No. 28. The Earth's magnet has Pole/Poles
- (a) One
 - (b) Two
 - (c) Three
 - (d) Four
- Q. No. 29. Major part of Earth is covered with
- (a) Building
 - (b) Forests
 - (c) Human Being
 - (d) Water
- Q. No. 30. Non-conductor of heat is
- (a) Brass
 - (b) Iron
 - (c) Plastic
 - (d) Silver

Version 1

Q.No.	31	32	33	34
Marks:				
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GRADE-5 EXAMINATION 2009

Roll Number:

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Signature of Supervisor: _____ Date: _____

Science Part-(B) OPEN ENDED QUESTIONS

TIME ALLOWED: 1 hour

Specific Instructions: This part has 4 Open Ended Questions. Please use blank space given below the question to write the answer.

Q. No. 31. (a) Define *endangered* organism. (2)

(b) Enlist four endangered animals found in Pakistan. (4)

(c) Why the numbers of snow leopard are decreasing and how they can be saved? (4)

Q. No. 32. (a) What is the reason for unique shape of a human body? (2)

(b) Write the names of bones of human body. (4)

(c) Explain the functions of skeleton. (4)

Q. No. 34. (a) How humus is formed?

(3)

(b) Enlist the layers of soil.

(3)

(c) Explain the structure of top soil and its role in the growth of plant.

(4)
