

## 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:

- |                          |                          |                          |                                     |                          |
|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|
| Q.1                      | (a)                      | (b)                      | (c)                                 | (d)                      |
| <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. Sea water on the surface of earth is  
 (a) 67%      (b) 77%      (c) 87%      (d) 97%
- Q. No. 2. In your garden there are varieties of orange *plants*. Only one of the plants 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. We can see things in our classroom in day time, because of light  
 (a) Dispersion      (b) Irregular Reflection  
 (c) Refraction      (d) Regular Reflection
- 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. If your father is working in a factory then the percentage of water in his blood will be  
(a) 40% (b) 50%  
(c) 60% (d) 70%
- Q. No. 6. Pollution is produced by using more  
(a) Fossil Fuels (b) Hydal Power  
(c) Solar Energy (d) Recycled material
- Q. No. 7. The fishes in the river may be died if polluted water from the field flow into it. It is due to the deficiency of  
(a) Carbon dioxide (b) Hydrogen  
(c) Nitrogen (d) Oxygen
- 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. Gas produced in a chemical reaction of vinegar and sodium carbonate is  
(a) Carbon dioxide (b) Chlorine  
(c) Hydrogen (d) Oxygen
- 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 animals that are highly in endangered in Pakistan are  
(a) Cow and Buffalo (b) Camel and Horse  
(c) Goat and Sheep (d) Musk dear and Neelgay
- 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. The more suitable soil for gardening is  
(a) Clay (b) Gravel  
(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. Sometime you might not listen the sound clearly. It is due to  
(a) Distortion (b) Echo  
(c) Refraction (d) Reverberation
- Q. No. 16. Sound **CANNOT** pass through  
(a) Room (b) Tea  
(c) Table (d) Vacuum

- Q. No. 17. The process that is involved in the transfer of Pollen grains on Stigma of carpel is  
(a) Fertilization (b) Grafting  
(c) Layering (d) Pollination
- Q. No. 18. Force that slow down or stops the motion of a bicycle is  
(a) Cone (b) Gravitational  
(c) Magnetic (d) Electrical
- Q. No. 19. Seeds of the plants that dispersed through water are  
(a) Oak (b) Lotus  
(c) Maple (d) Sheesham
- 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. Urine is stored in  
(a) Bladder (b) Kidney  
(c) Ureter (d) Liver
- Q. No. 22. Wheel of a car rotates by using energy  
(a) Electrical (b) Heat  
(c) Mechanical (d) Potential
- Q. No. 23. When two objects are rubbed together there is a change in number of  
(a) Electron (b) Neutron  
(c) Positron (d) Proton
- 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. The process of preparation of food by plants in the presence of sunlight is  
(a) Excretion (b) Pre-production  
(c) Pollination (d) Photosynthesis
- 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 presence of extinct animal on Earth is found by  
(a) Bones (b) Ears  
(c) Eyes (d) Nails

Q. No. 28. The Earth's magnet has Pole/Poles

- (a) One
- (b) Two
- (c) Three
- (d) Four

Q. No. 29. The planets of our solar system that have no moon are

- (a) Earth, Jupiter
- (b) Mars, Uranus
- (c) Mercury, Venus
- (d) Neptune, Pluto

Q. No. 30. Non-conductor of heat is

- (a) Brass
- (b) Iron
- (c) Plastic
- (d) Silver

Version 5

Q.No.	31	32	33	34
Marks:				

# 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* pollution? (2)

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(b) Enlist ways to control pollution. (4)

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(c) Why should pollution be controlled? (4)

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

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(b) Write the names of bones. (3)

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(c) Explain the functions of skeleton. (5)

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Q. No. 33. (a) What is blood?

(2)

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(b) Enlist the four composition of blood

(4)

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(c) Write the four causes of heart attack related to blood?

(4)

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

(3)

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(b) Enlist the layers of soil.

(3)

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

(4)

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