

Primary Education Completion Examination-2014

Model Test

Subject: Elementary Science

Time: 2 Hours 30 Minutes

Full Marks: 100

[N.B. - The figures in the right margin indicate full marks.]

1. Write down the correct answer in your answer sheet: 1×40 = 40

- (1) What can we do to avoid infectious disease?
(a) Wear new cloths (b) Sleep on high bed
(c) Stay in touch of infected person (d) To be clean
- (2) Who is affected by rheumatic fever in great number?
(a) Children (b) Aged people (c) Young man (d) Woman
- (3) Which of the following is used to get new information about moon, sun and planets?
(a) Camera (b) Computer (c) Telescope (d) Radio
- (4) At what time of the day the heat of the sun is high??
(a) At noon (b) At night
(c) In morning (d) In evening
- (5) Carbon dioxide can be less emitted by using which one of the below?
(a) Oil (b) Gas (c) Coal (d) Bio fuel
- (6) What should we do if the salinity of soil is increased in the coastal area?
(a) To grow salt tolerant crop (b) Cultivate normal crops
(c) Use rain water in the land (d) Use river water
- (7) How can we convert solar energy to electrical energy?
(a) In solar cell (b) In wind mill
(c) In solar panel (d) In turbine
- (8) How can we get the source of new resources?
(a) By the help of science and technology
(b) By digging soil
(c) By foreign help
(d) By science and technology education
- (9) Which one is the impact of population growth on medical service?
(a) Developed hospital
(b) Modern treatment
(c) Increase of demand of medical service
(d) Sufficient doctors and nurse
- (10) In food chain different animals are related. So they are dependent for -
(a) Food (b) Living place (c) Environment (d) Reproduction
- (11) On which frogs depend in food chain?

- (a) Grassy plant (b) Grasshopper (c) Snakes (d) Hawks
- (12) Sound pollution causes-
- (a) Making noise loudly (b) Listening songs
(c) Increase of population (d) Use of solar panel
- (13) If you use polluted water regularly, you may get infected by –
- (a) Air borne disease (b) Water borne disease
(c) Scabies (d) None of these
- (14) What is the process of pouring clean water from the upper part of the pitcher in to another container called?
- (a) Filtration (b) Condensation
(c) Sedimentation (d) Distillation
- (15) Where do we find Arsenic?
- (a) In the fruits (b) In the root (c) In stone (d) Underground
- (16) From what do we get energy in our body?
- (a) From exercise (b) From sleep (c) From medicine (d) From food
- (17) What can be created by using steam?
- (a) Electricity (b) Food (c) Water canon (d) Sea
- (18) Which is the month of rainfall?
- (a) Poush (b) Ashar (c) Srabon (d) Vadra
- (19) Which one is renewable natural resource/
- (a) Coal (b) Air (c) Oil (d) Natural gas
- (20) It takes how many days to complete a lunar month/
- (a) 27½ days (b) 28½ days (c) 29½ days (d) 30½ days
- (21) Which one is not influenced by technology?
- (a) Education (b) Communication
(c) Agriculture (d) Lengths of day and night
- (22) Which portable instrument should be used to store information in a small space?
- (a) DVD (b) Pen drive (c) CD (d) Laptop
- (23) Which one of the following causes air pollution?
- (a) Use of pesticide (b) Burning bricks in the brick fields
(c) Obstacle of rain water (d) Use of chemical fertilizer
- (24) Which is the main reason of air, water and soil pollution?
- (a) Open latrine upon a water-body
(b) Wastes from industry
(c) Use of vehicle
(d) Meeting the demand of population increase
- (25) Which is a poisonous gas?
- (a) Oxygen (b) Carbon dioxide (c) Nitrogen (d) Carbon monoxide
- (26) Which one of the following happens during the adolescence changes?
- (a) Getting friendly with all (b) More keen to studies
(c) Likes to go school everyday (d) Physical, mental and behavioral change
- (27) The reason for day and night is —
- (a) The earth moves round the sun

- (b) The sun rises and sets
(c) The earth moves round on its axis
(d) The moon moves round the earth
- (28) Which one is seen every year in Bangladesh?
(a) Flood (b) Earth quake
(c) Kalboishakhi (d) Hurricane
- (29) Where is the difference between weather and climate?
(a) In time (b) In place (c) By name (d) By result.
- (30) Which one is renewable natural resource?
(a) Petroleum (b) Water
(c) Natural gas (d) Fossil fuel.
- (31) Which one of the following is green energy?
(a) Natural gas (b) Wind (c) Petroleum (d) Coal
- (32) The basic need of an infant is —
(a) Mother's milk (b) Dress (c) Medical care (d) Housing
- (33) To convert the population into resources we need —
(a) Quality science teacher
(b) Quality books
(c) Basic knowledge and skill
(d) Realistic science education
- (34) For which one of the following do animals depend upon the plants?
(a) Light (b) Water (c) Seed (d) Food
- (35) Which one of the following is a correct food chain?
(a) Grasshopper→ grasses→ snakes→frog
(b) Frog→grasshopper→grasses→snakes
(c) Snakes→ grasshopper→grasses→frog
(d) Grasses→grasshopper→frog→snakes
- (36) Besides age, height and weight what else we need to get energy by food?
(a) Studying (b) Sleeping (c) Physical labour (d) Work at office
- (37) Which of the following provides nutrition to plants?
(a) Soil (b) Water (c) Air (d) Light
- (38) Which of the following is correct?
(a) Light is transmitted by the process of convection
(b) Light is transmitted by the process of conduction
(c) Light is transmitted by the process of radiation
(d) We get heat from the sun by the process of conduction
- (39) Measles, pox etc. can spread through
(a) Water (b) Air (c) Mosquito (d) Food
- (40) Which does not belong to the solar system?
(a) Earth (b) Comet (c) Galaxy (d) Moon

2. Fill in the gaps with appropriate word or words and write down it in your answer sheet:

1×10=10

- (a) The technology of _____ contributed to be punctual.
- (b) If temperature of a place is low, the air is _____ there.
- (c) Developing skill through fundamental and applied science a population can be changed into _____ resources.
- (d) The total area of Bangladesh is _____ square kilometer.
- (e) Air pollution has impacts on human _____.
- (f) We are surrounded by _____.
- (g) In chill condition _____ cannot grow in food.
- (h) There are countless _____ in the milky way.
- (i) _____ has brought revolution in information technology.
- (j) Water turns into _____ by the heat of the sun.

3. Answer of the following questions in short in your answer sheet:

1×10=10

- (a) What is called photosynthesis/
- (b) What are the diseases caused by drinking polluted water?
- (c) Why does matter change states?
- (d) Give examples of three old technology.
- (e) What is weather?
- (f) Why air and solar energy are called green energy/
- (g) What are the basic needs of a people?
- (h) Why do the sun and moon look equal?
- (i) Why does technology develop?
- (j) What cause Rheumatic fever?

4. Write answer of any eight questions including a, b and c:

5×8=40

- (a) What are the ways to preserve excess amount of rice and fish for future?
- (b) Discuss about the symptoms and curative measures of Rheumatic fever.
- (c) Discuss about the natural resources of Bangladesh.
- (d) Explain the importance of food preservation.
- (e) Give a short description of the members of the solar system.
- (f) Technology influence our life-explain.
- (g) What are the uses of information technology in education?
- (h) Why does it rain on a hot, humid and very sweaty day? Explain.
- (i) Give the reasons for the increase of atmospheric carbon dioxide of earth.
- (j) Discuss what is fossil fuel?