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D.A.V. PUBLIC SCHOOLS, BHUBANESWAR
ASSESSMENT - II, 2017-18
CLASS - V
SUBJECT : SCIENCE

Maximum Marks-50

Time-2 Hours

General Instructions-

- Read the questions thoroughly.
- This question paper contains 3 sections with 8 questions.
- Section - A contains 1 mark questions, Section - B contains 2 marks questions and Section - C contains 3 marks & 4 marks questions.
- Attempt all the questions.
- Write in neat and legible handwriting.
- Verify the answers before submission of answer sheets.

SECTION -A

1. Choose the most appropriate answer-

(1x5=5)

- (i) When sulphur dioxide reacts with water and oxygen in air, it results in the production of
(a) snow (b) acid rain (c) nitrogen oxide (d) carbon dioxide
- (ii) Which is not a domestic fuel ?
(a) LPG (b) PNG (c) Biogas (d) Petrol
- (iii) Which one is the incorrect statement -
(a) Jupiter, Saturn and Uranus are Jovian planets.
(b) Earth is the third planet in terms of increasing distance from the sun.
(c) Celestial bodies revolving around the planets are known as their moons.
(d) Mercury has an atmosphere.
- (iv) The gas insoluble in water is _____
(a) nitrogen (b) oxygen (c) carbon dioxide (d) all of these
- (v) Which of the following pair is called morning star -
(a) Mercury & Jupiter (b) Venus & Mars
(c) Mercury & Venus (d) Sun & Orion

2. Fill in the blanks-

(1x5=5)

- (i) Animals which live both on land and water are called _____.
- (ii) _____ is a process similar to evaporation and plays an important role in cloud formation.
- (iii) Crude oil is formed from _____ due to bacterial action.
- (iv) _____ is the brightest object in the sky after sun and moon.
- (v) A _____ is a celestial body that orbits a planet.

3. Answer the following questions in one sentence-

- (i) How does water help in transporting nutrients in plant body ?
- (ii) Why are there steps in step well ?
- (iii) Why are cleaner fuels called as eco-friendly fuels ?
- (iv) Write the name of two-recognizable constellations.
- (v) State the cause of the apparent motion of the sun from east to west.

(1x5=5)

4. Give reasons : -

(2x2=4)

- (i) The outer surface of the glass tumbler looks foggy when ice cubes are kept in it.
- (ii) Our earth is very unique and special planet of the solar system.

SECTION-B

5. Answer the following questions-

(2x5=10)

- (i) Write two differences between sun and moon.
- (ii) Why did ancient people call planets as wandering stars ?
- (iii) What feature makes the pole star useful for travellers ?
- (iv) Why are efforts needed to be taken to reduce the use of fossil fuels ?
- (v) Write any two importances of water for animal ?

SECTION-C

6. Answer the following questions :-

(3x3=9)

- (i) How are fossil fuels formed?
- (ii) How is water supplied in cities ?
- (iii) Rima and Neha were neighbours. Rima's mother was dumping the garbage in the pit where Neha's mother was burning the garbage. Rima and her mother tried to explain her not to do so, but she did not listen to them. At last she found her daughter Neha feeling suffocation and breathing problem .
 - (a) Why did Rima's mother dump the garbage instead of burning ?
 - (b) Write any two ways of reducing air pollution .
 - (c) What values were shown by Rima's mother ?

7. Answer the following questions-

(4x2=8)

- (i) (a) What is evaporation ?
- (b) Write an activity to show the evaporation in your daily life.
- (ii) How does the air get polluted? (any four ways)

8. Draw a neat and labeled diagram of change of seasons.

(4)
