

සමස්තයේ පළාත් අධ්‍යාපන දෙපාර්තමේන්තුව සමස්තයේ පළාත්
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Department of Education - Western Province Department of E
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ஆண்டிறுதி மதிப்பீடு - 2019
Year End Evaluation

ශ්‍රේණිය }
தரம் } 06
Grade }

විෂයය }
பாடம் } Science
Subject }

පත්‍රය }
வினாத்தாள் } I, II
Paper }

Answer

Part - I

- | | | | |
|-------|--------|--------|--------|
| (1) 2 | (6) 3 | (11) 4 | (16) 1 |
| (2) 4 | (7) 4 | (12) 4 | (17) 3 |
| (3) 2 | (8) 1 | (13) 2 | (18) 3 |
| (4) 3 | (9) 1 | (14) 3 | (19) 2 |
| (5) 1 | (10) 2 | (15) 2 | (20) 1 |

(20 x 2 = 40 marks)

Part - II

- (01) (A) (i) October (1 mark)
(ii) 32°C (1 mark)
(iii) less rain in July and August/medium temperature in July & August months (2 marks)
(iv) rain gauge (1 mark)
(v) A - Wind direction indicator
B - Anemometer
C - Hygrometer (3 marks)
(vi) Five rotations in a minute (2 marks)
- (B) (i) States of matter (1 mark)
(ii) Aluminum (1 mark)
(iii) 0.1% (1 mark)
(iv) informal / non rhythmic (1 mark)
(v) Poles (1 mark)
(vi) LED and CFL (1 mark)

Total 16 marks

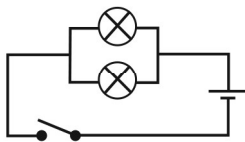
- (02) (A) (i) When poured cold water into the glass it is contracted as it removes heat. (1 mark)
(ii) When B glass contact with hot water it expands. (1 mark)
(iii) Cannot separate glasses (1 mark)
- (B) (i) Light travels in a straight line (1 mark)
(ii) Sun, star, glow worm, light emitting mushrooms. (1 mark)
(iii) By transferring light through optic fibers (1 mark)
(iv) In light hoes (1 mark)

- (C) (i) ear (1 mark)
(ii) Sitar – fiber
Serpina – air
Drum – membrane
Flute – air column (2 marks)
(iii) To protect the ear from loud sound (1 mark)

Total 11 marks

- (03) (A) (i) A – Horse shoe magnet
B – U - shape
C – ring magnet (1 ½ marks)
(ii) (a) S/ South pole (1 mark)
(b) repel (1 mark)
(iii) To draw the magnet with more number of pins (1 ½ marks)
(iv) Give marks for a correct answer (1 mark)
- (B) (i) Surface water and around water (2 marks)
(a) $B < C < A$ / B, C, A (1 mark)
(b) B - fresh water C – Brackish water A – fresh water (1 mark)
(c) Sodium chloride / Common salt (1 mark)

Total 11 marks

- (04) (A) (i)  (2 marks)
(ii) There are + and – terminals in LED No such terminals in bulbs (1 mark)
- (B) (a) ✓
(b) x
(c) x
(d) ✓ (4 marks)

- (C) (i) locomotion
(ii) lime water
(iii) dichotomous key
(iv) binoculars (4 marks)

Total 11 marks

- (05) (A) (i) Stones / gas tube / decayed log (1 mark)
(ii) Snail / water snails (1 mark)
(iii) Gas tube releases oxygen close to the surface of the water. (1 mark)
- (B) (i) respiration (1 mark)
(ii) Photosynthesis (1 mark)
(iii) Carbon dioxide (1 mark)
(iv) by filtering excretory products through stones. (1 mark)

- (v) (a) swim (1/2 mark)
(b) streamline body (1/2 mark)
- (C) (i) do not corrode/ durable/ light (2 marks)
(ii) do reduce the friction between surfaces. (1 mark)
(iii) do not rust/ durable/ strong (1 mark)
- Total 11 marks**
- (06) (A) (i) Give marks for a correct food chain with three links.
Grass → grasshopper → cat (1 mark)
- (ii) (a) food web (1 mark)
(b) by connecting number of food chains together to show the connections between different direction. (1 mark)
- (iii) herbivore – cow, grass hopper
Carnivore – cat, rat snake (2 marks)
- (iv) as they produce their own food (1 mark)
- (B) (i) (a) use of screens with LED or LCD computers.
(b) by opening the refrigerator door less number of times.
(c) by ironing number of clothes (3 marks)
- (ii) (a) disconnect the whole circuit or relevant circuit.
(b) give marks for a correct answer. (2 marks)
- Total 11 marks**
- (07) (A) (i) liquid (1 mark)
(ii) flame (1 mark)
(iii) water, candle (2 marks)
(iv) red (1 mark)
(v) for a correct answer (1 mark)
(vi) for a correct answer (1 mark)
- (B) (i) Galvanometer/center zero galvanometer (1 mark)
(ii) Deflection (1 mark)
(iii) dynamo (1 mark)
(iv) as steam / water turns in to steam (1 mark)
- Total 11 marks**