Roll No. ....   CODE : **S6SCI**

KENDRIYA VIDYALAYA SANGATHAN, PATNA REGION
SESSION ENDING EXAMINATION, 2017-18
CLASS - VI
SCIENCE   Sl. No. ....

2675

TIME – 2 : 30 HOURS]   **[MAX. MARKS – 80**

General Instructions :

(i)   The question paper comprises 2 parts : Part A and Part B. You should answer both the parts separately.

(ii)   All questions are compulsory.

(iii)   Question number 1 to 5 are 1 mark each.

(iv)   Question number 6 to 15 are of 2 marks each.

(v)   Question number 16 to 24 are of 3 marks each.

(vi)   Question number 25 to 28 are of 5 marks each.

(vii)   Question number 29 to 32 are of 2 marks each.

PART – A

1.   What is a Habitat ?   1

2.   What are Magnetic materials ?   1

3.   Which gas constitutes the major part of air ?   1

4.   Name any one technique of rainwater harvesting.   1

5.   What is Vermicomposting ?   1

6.   Explain with example (a) Biotic Components (b) Abiotic Components of a habitat. 2

7.   The height of a person is 1.25 m. Express it into cm and mm.   2

[Turn Over

8.   What are luminous objects ? Give two examples.   2

9.   Complete the following sentences :   2

   (i)   A device that converts chemical energy into electrical energy is called ....

   (ii)   A device that is used to be break an electric circuit is called ....

10.   Answer the following :   2

   (i)   The thin air around earth is called ....

   (ii)   Burning can occur only in the presence of ....

11.   Why it is advised " Never join the two terminals of the electric cell without connecting them through a switch and a device like a bulb".   2

12.   How can we find the direction using a magnet ?   2

13.   Name two processes through which water vapour enters the air.   2

14.   What is Composting ? What is gizzard ?   2

15.   Define Landfill.   2

16.   Match Column – A with Column – B :   3

Column – A		Column – B	
(i)	Rats and snakes	(a)	predator
(ii)	Lion	(b)	live both on land and in water
(iii)	Deer	(c)	stay in burrows deep in the sand
(iv)	Dolphin and whales	(d)	prey
(v)	Camel	(e)	breathe through blowholes
(vi)	Frogs	(f)	can live without water for many days

17.   Write two examples each for opaque, transparent or translucent objects.   3

18. Name the two process by which water vapour gets added to air. Write an example for condensation. 3

19. Explain an activity to prove that air occupies space. 3

20. Give one example each for (a) Rectilinear Motion (b) Circular Motion (c) Periodic Motion. 3

21. How can a magnet be demagnetised ? 3

22. Draw an Electric circuit. Label its components and show the direction of current in the circuit. 3

23. State any three ways by which we can minimize overuse of plastics and deal with garbage. 3

24. Fill in the blanks : 3

    (a)   1.5 m = ... cm.

    (b)   5.2 cm = ... mm.

    (c)   556 Km = ... m.

25. (a)   How are shadows formed ? 5

    (b)   What are the three things needed to form shadow ?

26. You are given an Iron strip. How will you make it into a magnet ? Explain with diagram. 5

OR

Draw the diagram of a Compass. Explain magnetic poles using suitable diagram.

27. What is meant by Adaptation ? How do cactus adapted to survive in a desert ? 5

OR

Define Habitat. What is the habitat of fish ? Which features enable a fish to live in its habitat ?   [Turn Over

28. Draw a neat and labelled diagram of Water Cycle. 　　　　　5

PART – B

29. Name the edible parts of the following plants : 　　　　　2

　　(a)　Spinach

　　(b)　Carrot

30. Which method is used to separate the following components ? 　　　2

　　(a)　Grain from stalks

　　(b)　Lighter husk from heavier seeds

31. Explain why a metal rim is made slightly smaller than the wooden wheel ? 　2

32. Write one example each for (a) Herbs (b) Shrubs (c) Creepers (d) Climbers. 　2

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