

demo full chap
Model question paper 2 T3
6th Standard

Science

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 01:30:00 Hrs

Total Marks : 55

Part-A

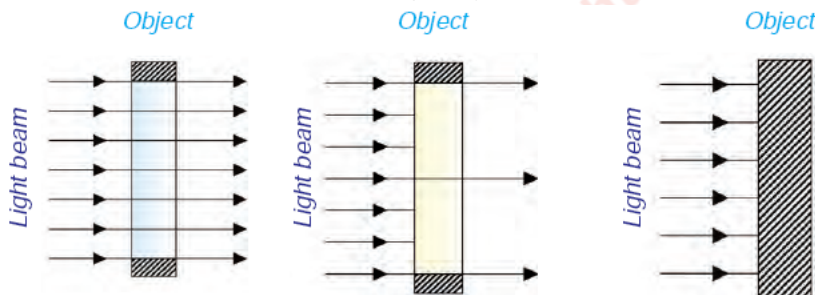
10 x 1 = 10

- 1) -----decomposes degradable substances in the soil.
(a) micro-organism (b) earthworm (c) bird (d) both 'a' and 'b'
- 2) An example for non-biodegradable product is -----
(a) paper (b) cloth (c) polythene bag (d) fodder
- 3) Waste that can be converted into manure is -----
(a) glass (b) plastic (c) metal (d) household waste
- 4) Bio-medical wastes can be removed by-----
(a) landfill (b) composting (c) incineration (d) recycling
- 5) Organism used in vermicomposting is -----
(a) leech (b) roundworm (c) earthworm (d) tapeworm
- 6) Identify the one which is not a natural fibre.
(a) silk (b) wool (c) polyester (d) jute
- 7) Which kind of clothes do you prefer in summer?
(a) nylon (b) wool (c) silk (d) cotton
- 8) The clothes which are made from the fur of the animals
(a) woollen (b) cotton (c) silk (d) nylon
- 9) Which of the following is widely used in the manufacture of medical instruments?
(a) polyester (b) plastics (c) glass (d) cotton
- 10) The important chemical substance used in the preparation of soap is -----
(a) sodiumhydroxide (b) sodium amalgam (c) sodiumsilicate (d) sodiumbicarbonate

Part-B

8 x 1 = 8

- 11) The process of slow and steady cooling of glass is called _____
- 12) The fibre obtained from the stem of the plant is _____
- 13) The chemical substance present in the cotton fibre is _____
- 14) Look at the picture and write down the nature of the given objects.



- 15) Which property of light is shown by the diagram given below?
- 16) Mention the nature of each object A,B,C given in the picture



17) The Objects which are seen clearly through the glass tumbler from outside are _____, _____

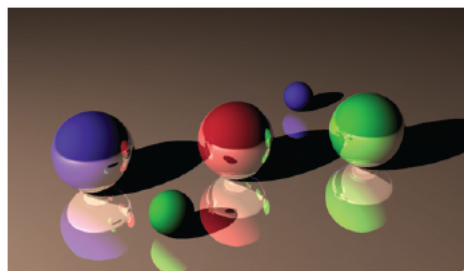


Classify the materials in the picture according to their property

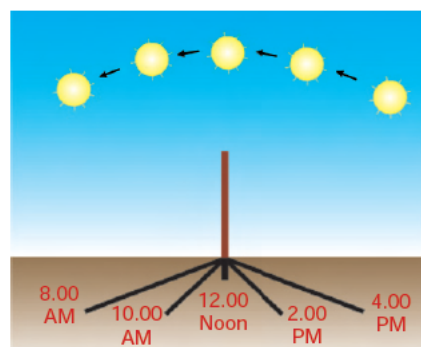
Sl.No	Object	Property
1		
2		
3		

18) What do you understand from the given pictures? Explain

Picture 1:



Picture 2:



Part-C

37 x 1 = 37

- 19) List out the different plants and animals that you see from morning to evening next Sunday.
- 20) Write about your pet animal in five lines.
- 21) Collect information about rearing of honeybee and silkworm and write down (direct observation/newspaper/news/books/library) Write down what you have learnt?
- 22) Collect different kinds of seeds that you get. Write their names. Sow it in a small container and water it. Observe how many seeds have germinated in a week
- 23) Draw a picture of your favourite bird and colour it. Write a small poem about it.
- 24) Make one handicraft by using the feathers of birds and display it in the classroom
- 25) Reports from media say that the sparrow, eagle, butterfly etc., once found in abundance are now seen scarcely. Is this statement true? Reason out. Can we save from extinction?
Summarize you ideas to conserve them
- 26) Among insects, mosquitoes are the leading vectors of disease-causing organisms.
 - a) What are the diseases that spread by mosquito bite?
 - b) In what ways can mosquitoes be destroyed?
- 27) Tap root system and fibrous root system are seen in plants. What type of root systems are seen in big trees? Give reasons.

- 28) Scientific development has led man to discover new things every day. Inspite of this, man is affected by microscopic organisms. Find out and discuss the causes and its preventive measures



Camel



Polar bear

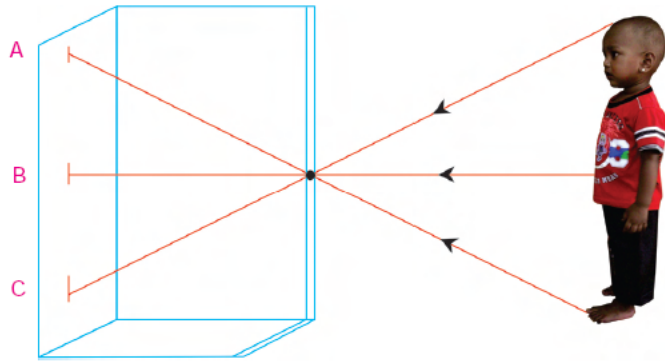
- 29) Peel of fruit, plastic, leaves, vegetables.
30) Glass, animal waste, metal, plastic.
31) Incineration, composting, landfill, evaporation
32) Why do we spray water (i.e. curing) on the building that is being constructed? What will happen to the building if water is not sprayed?
33) We use mortar for flooring and plastering the walls. But we use _____ to construct dams and bridges. Find out the differences between the two?
34)



Name the part of the cookwares labelled as 'X' in the given diagram. Name the material used to make it. Why is it used? What type of material is it?

- 35) You know that switches and waterbottles are made of plastics. Under what category do you classify them based on the kinds of plastics
36) During winter season how will you feel when you wear two or three clothes one over the other instead of wearing a woollen sweater? Why?
37) Explain in your own words whether the chemical substances that we use in our daily life are useful and do not pollute the environment.
38) Plastics are 'a great threat to the life of the planet Earth'. How?
39) Classify the following :
jute, rayon, nylon, silk, cotton, polyester, wool - Give reason.
40) Molten glass should not be cooled rapidly or very slowly during its preparation. Why? Instead of that what should be done?
41) Circle the odd one out and give reason
1. oil lamp, blackboard, electric bulb,
2. oiled paper, rough surfaced window pane, wooden door
3. formation of shadow, formation of eclipse, appearance of face on the mirror
42) Objects that emit their own light.
43) Objects that do not emit their own light
44) Objects that allow light to pass through
45) Objects that allow light to pass through partially
46) Objects that do not allow light to pass through
47) Things that cast shadow
48) Things required to see the objects.
49) Differentiate the following
Shadow, image
50) Differentiate the following
Natural source of light, artificial source of light
51) Differentiate the following
Transparent object, opaque object.
52) Differentiate the following
Luminous body, non – luminous body
53) Hold various colours of ball, flowers, cubic block, square block and coin in front of the source of light and observe clearly the shadow of these objects on the floor.
a. Will the shape and colour of the shadow be similar to the objects or not?
b. Which of the objects have similar shadows?

54) boy is standing in front of the pin hole camera, which is below the source of light in the picture. Look at the picture and answer the following questions



- i) At which point does the light ray from the boy's head fall on the screen of pinhole camera
- ii) At which point does the light ray from the centre of the boy fall on the screen of pinhole camera?
- iii) At which point does the light beam from the foot of the boy fall on the screen of pinhole camera?
- iv) Will the image of the boy formed on the screen be erect or inverted ?

55) Observe the picture and Identify the errors



