

SUMMATIVE ASSESSMENT II**[SESSION 2016-2017]****SCIENCE****CLASS VI Sample Paper****DURATION: 3 HOURS****NAME:****M. Marks: 90****GENERAL INSTRUCTIONS:**

- *The question paper comprises of two sections A and B. All questions are compulsory.*
- *Question number 1 to 3 in section - A are one mark questions. These are to be answered in one word or one sentence.*
- *Question number 4 to 6 in section - A are two mark questions. These are to be answered in about 30 words each.*
- *Question number 7 to 18 in section- A are three mark questions. These are to be answered in about 50 words each.*
- *Question number 19 to 24 in section- A are five mark questions. These are to be answered in about 70 words each.*
- *Question number 25 to 33 in section- B are multiple choice questions based on practical skills. Each question is one mark question. You are to select one most appropriate response out of the four provided to you.*
- *Question numbers 34 to 36 in section-B are two mark questions based on practical skills. These are to be answered in brief.*

SECTION A

- Q 1] What are micronutrients? Give an example. [1]
- Q 2] What is a filament made of? [1]
- Q 3] Plants give us oil. Prove the statement by listing 2 plants that give oil. [1]
- Q 4] Bill has dropped a plate. The plate is broken. What kind of change is it? Give reason. [2]
- Q 5] Give two examples of irreversible changes that occur over a long period of time. [2]
- Q 6] State two functions of water in the body. [2]
- Q 7] State the three conditions required for the formation of a shadow. [3]
- Q 8] Identify the change and define it. [3]



- Q 9] Give any 3 reasons why fibers are important in our diet. [3]

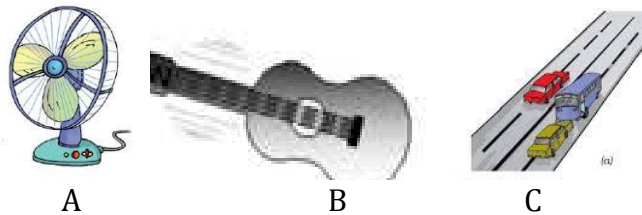
Q 10] Aarav has filled air in balloons for his birthday party. During the party all the balloons were burst, can he reuse them next year? Why? [3]

Q 11] Differentiate between incomplete and complete circuit. (3 points) [3]

Q 12] State the S.I unit of temperature, time and weight. [3]

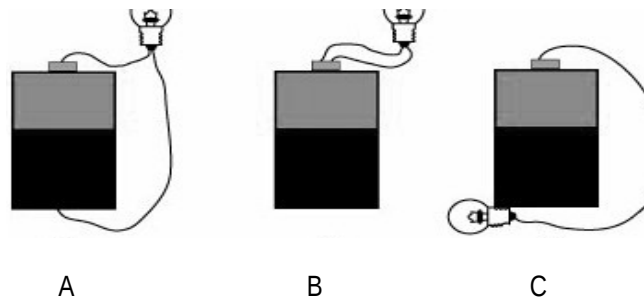
Q 13] Categorise animals on the basis of their eating habits. Give example of each category. [3]

Q 14] Identify the type of motion in A,B and C. [3]



Q 15] What do we call animals that give milk? Name any 2 such animals. [3]

Q 16] In which of the below given circuits will the bulb glow? Give reason to support your answer.



Q 17] Jamal needs to connect TV to his cable set top box which is at a distance of 428 cm. How many m of wire does he need? Show your working. [3]

Q 18] Differentiate between reversible and irreversible change. (2 examples) [3]

Q 19] What will you recommend to a person who is not able to see properly? Name the disease he is suffering from? [3]

Q 20] What is an electric cell? How is it different from a battery? Draw a diagram to show any 2 types of cell. [3+2=5]

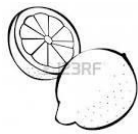
Q 21] a] Distinguish between a shadow and an image. [3+2=5]

b] Write an experiment to prove light travels in a straight line.

Q 22] a] A body can be at rest and in motion at the same time. Explain giving example. [3+2]

b] Can an object show 2 types of motion at the same time? Give example.

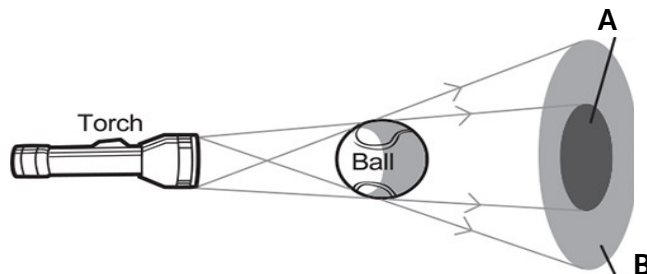
Q 23] Look at the picture and answer the following questions: [1+2+2]



- a] What nutrient is the food rich in?
- b] Why is it important for our body?
- c] Name 2 other sources of this nutrient.

Q 24] Observe the diagram and answer the following questions:

[3+1+1]



- a] Identify the two regions A and B of the shadow and explain them.
- b] If the ball is moved closer to the torch, what will happen to the size of the shadow?
- c] If the ball is moved away from the torch, what will happen to the size of the shadow?

SECTION B

Q 25] An edible seed is found in which plant?

[1]

- a] apple
- b] mango
- c] guava
- d] none of the above

Q 26] Why do we use a tape used for in a handmade torch?

[1]

- a] completing the circuit
- b] breaking the circuit
- c] both
- d] none of the above

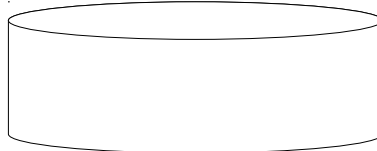
Q 27] When an object is placed next to a point source the shadow formed has _____.

[1]

- a] umbra
- b] penumbra
- c] both
- d] none of the above

Q 28] The height of the given cylinder is _____.

[1]



- a] 2.8cm
- b] 5.8 cm
- c] 2 cm
- d] none of the above

Q 29] A bulb converts __A__ energy into __B__ energy? Which of the following shows the correct answers for A and B?

[1]

- a] A: chemical; B: light
- b] A: electrical; B: light
- c] A: heat; B: light
- d] A: light; B: electrical

Q 30] The function of translucent sheet while making a pinhole camera is

[1]

- a] to act as a source of light
- b] to act as a screen to see the image

c] both

d] none of these

Q 31] An orange colour in xantho-proteic test indicates the presence of which nutrient? [1]

a] protein

b] vitamin

c] starch

d] none of these

Q 32] When we add a few drops of iodine solution to boiled rice, the colour changes to _____. [1]

a] light blue

b] flesh pink

c] violet

d] blue black



Q 33] Fats help in _____ of the body organs. [1]

a] functioning

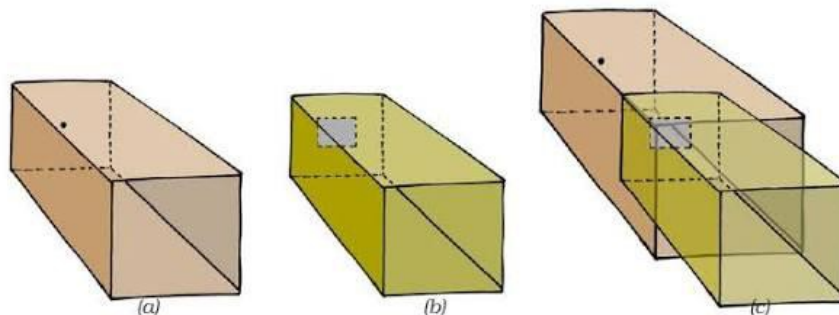
b] protection

c] both

d] none of these

Q 34] State one reversible and one irreversible change that you can do to your hair. [2]

Q 35] Identify the device shown. Give one reason why the image may appear blurry or unclear? [2]



Q 36] How can you make sure that everyone gets enough food to eat? [2]