

**APEEJAY COMMON EXAMINATION  
SUMMATIVE ASSESSMENT II, 2015-16**

**CLASS: VI**

**SCIENCE (MCQ's)**

**SET-1**

**Time Allowed-15 min**

**Maximum Marks: 10**

**General Instructions:**

1. Each of the following questions carries one mark.
2. There are four options for every question.
3. Tick the most appropriate answer

1. Choose the odd one out
  - a) Wool
  - b) Silk
  - c) Nylon
  - d) Cotton
2. Jute is cultivated in
  - a) Rainy season
  - b) Winter season
  - c) Summer season
  - d) Autumn
3. Which one of the following changes can be reversed?
  - a) Grain to its flour
  - b) Bud to flower
  - c) Souring of milk
  - d) Melting of ice
4. Which of the following is a biotic component of a habitat?
  - a) Soil
  - b) Air
  - c) Plants
  - d) Water
5. Which of the non living things listed below, were never part of living thing?
  - a) Wool
  - b) Salt

- c) Leather
  - d) Apple
6. A device used to break or make an electric circuit is called
- a) Switch
  - b) Insulator
  - c) Conductor
  - d) Cell
7. Which of the following is non magnetic
- a) Iron
  - b) Nickel
  - c) Gold
  - d) Cobalt
8. Evaporation decreases with
- a) Increase in temperature
  - b) Increase of wind
  - c) Increase in humidity
  - d) Increase in exposed surface area
9. Burning can occur only in the presence of
- a) Nitrogen
  - b) Carbon-dioxide
  - c) Oxygen
  - d) Water vapour
10. Green bins can store
- a) Kitchen wastes
  - b) Metal wastes
  - c) Plastic wastes
  - d) Glass wastes

**APEEJAY COMMON EXAMINATION**  
**SUMMATIVE ASSESSMENT II, 2015-16**

**CLASS: VI**

**SCIENCE (MCQ's)**

**SET-2**

**Time Allowed-15 min**

**Maximum Marks: 10**

**General Instructions:**

1. Each of the following questions carries one mark.
2. There are four options for every question.
3. Tick the most appropriate answer

1. Which one of the following changes can be reversed?
  - a) Grain to its flour
  - b) Bud to flower
  - c) Souring of milk
  - d) Melting of ice
  
2. Which of the following is a biotic component of a habitat?
  - a) Soil
  - b) Air
  - c) Plants
  - d) Water
  
3. Choose the odd one out
  - a) Wool
  - b) Silk
  - c) Nylon
  - d) Cotton
  
4. Jute is cultivated in
  - a) Rainy season
  - b) Winter season
  - c) Summer season
  - d) Autumn
  
5. Component of air used by green plants for respiration is
  - a) Carbon di oxide

- b) Oxygen
  - c) Nitrogen
  - d) Water Vapour
6. Green bins can store
- a) Kitchen wastes
  - b) Metal wastes
  - c) Plastic wastes
  - d) Glass wastes
7. Which of the following is non magnetic
- a) Iron
  - b) Nickel
  - c) Gold
  - d) Cobalt
8. Evaporation takes place
- a) only during day
  - b) only during night
  - c) all the time
  - d) only in the presence of sunlight
9. Breathing is a part of
- a) Excretion
  - b) Respiration
  - c) Reproduction
  - d) Stimulation
10. Electric cell produces electricity through
- a) Chemicals stored in it
  - b) Mechanical energy
  - c) Nuclear energy
  - d) Socket

**APEEJAY COMMON EXAMINATION**  
**SUMMATIVE ASSESSMENT II, 2015-16**

**CLASS: VI**

**SCIENCE (MCQ's)**

**SET-3**

**Time Allowed-15 min**

**Maximum Marks: 10**

**General Instructions:**

1. Each of the following questions carries one mark.
2. There are four options for every question.
3. Tick the most appropriate answer

1. Component of air used by green plants for respiration is
  - a) Carbon di oxide
  - b) Oxygen
  - c) Nitrogen
  - d) Water Vapour
  
2. Green bins can store
  - a) Kitchen wastes
  - b) Metal wastes
  - c) Plastic wastes
  - d) Glass wastes
  
3. Which of the following is magnetic?
  - a) Iron
  - b) Nickel
  - c) Cobalt
  - d) All of the above
  
4. Evaporation decreases with
  - a) Increase in temperature
  - b) Increase of wind
  - c) Increase in humidity
  - d) Increase in exposed surface area
  
5. Which one of the following changes can be reversed?

- a) Grain to its flour
  - b) Bud to flower
  - c) Souring of milk
  - d) Melting of ice
6. Which of the following is a biotic component of a habitat?
- a) Soil
  - b) Air
  - c) Plants
  - d) Water
7. Choose the odd one out
- a) Wool
  - b) Silk
  - c) Nylon
  - d) Cotton
8. Jute is cultivated in
- a) Rainy season
  - b) Winter season
  - c) Summer season
  - d) Autumn
9. Breathing is a part of
- a) Excretion
  - b) Respiration
  - c) Reproduction
  - d) Stimulation
10. A device used to break or make an electric circuit is called
- a) Switch
  - b) Insulator
  - c) Conductor
  - d) Cell

**APEEJAY COMMON EXAMINATION, 2016**

**SUMMATIVE ASSESSMENT II**

**SUB: SCIENCE**

**CLASS: VI**

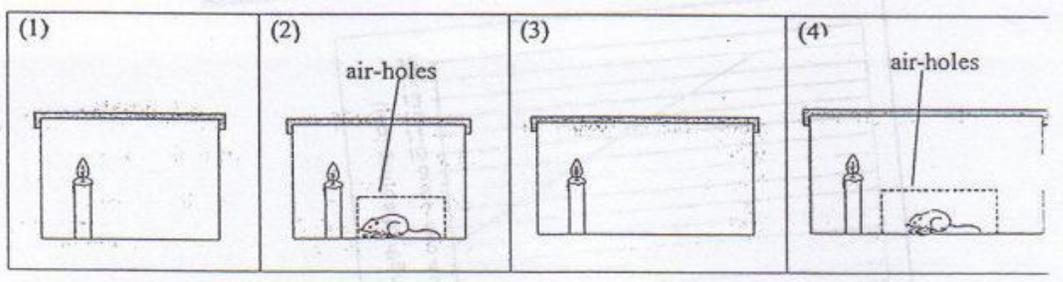
**M.M: 80**

**Time: 2 hr 45 minutes**

**General Instructions:**

1. *This question paper contains 26 questions. All questions are compulsory.*
2. *Marks distribution is as follows-*
  - a) *Q. No. 1 to 10: 2 marks each*
  - b) *Q. No. 11 to 20: 3 marks each*
  - c) *Q. No. 21 to 26: 5 marks each*
3. *Attempt all the questions in proper sequence.*
4. *Leave space after each answer.*
5. *Draw neat labeled diagrams wherever required.*

1. How is ginning different from spinning? (2)
2. Explain the process of obtaining jute from jute plant. (2)
3. Metal rim is heated before fixing it on the cart wheel. Explain. (2)
4. Give reason (a) Electrician uses rubber gloves while repairing electric circuits. (2)  
(b) jute string cannot be used to make a circuit (2)
5. Do plants also utilize oxygen for respiration? If yes why are they considered oxygen producers? (2)
6. A bar magnet has no markings to indicate its poles. Suggest a method to mark its poles with the help of another marked magnet. (2)
7. Explain formation of clouds. (2)
8. Explain water cycle in brief. (2)
9. What is meant by (a) landfill (b) Vermicomposting (2)
10. Four different candles were lit and left in sealed containers as shown below. Which one of the candles will go off first and why? (2)



11. Which kind of climate and soil is suitable for growing cotton plants? Explain how we get cotton fibres from cotton plant. (3)

12. Explain the difference between changes that can be reversed and that cannot be reversed by giving one example of each kind. (3)
13. What are stimuli? Explain by giving the examples of  
 a. mimosa  
 b. cockroach (3)
14. Name two sea animals which do not have streamlined body. Mention any two other characteristics which help them stay in water. (3)
15. What is filament of a bulb? Why does the bulb stop glowing if it breaks? (3)
16. Distinguish between conductors and insulators with two examples of each. (3)
17. Magnets become weak if they are not stored properly. How should the bar magnets be stored? (3)
18. Give reason.  
 (a) It is advisable to breathe only through nose and not through mouth  
 (b) Earthworms come out of the soil during heavy rain.  
 (b) Some people find difficulty in breathing in mountains. (3)
19. People often burn heaps of dry leaves. What harm does it cause? Suggest better method to dispose them off. (3)
20. Explain how groundwater becomes available to us? Elaborate two factors which are affecting its availability. (3)
21. a) Draw a circuit diagram connecting a cell, a bulb and a switch in 'on' position. Indicate the direction of current in the diagram.  
 b) Zeba connected the circuit correctly, but the bulb didn't glow. State any three possible reasons. (5)
22. Which property of a magnet is used in a magnetic compass? Explain how magnetic compass is used to find directions? (5)
23. What is rainwater harvesting? Explain rooftop rainwater harvesting with diagram. (5)
24. (a) What is air? Name its major component with their percentage composition.  
 (b) Give any one use of windmill. (5)
25. (a) Mention two disadvantages of throwing garbage filled plastic bags on roads.  
 (b) Suggest any three ways to minimise generation of garbage at home. (2+3=5)
26. How are the following features useful to given organisms in their habitat  
 (a) Leaves in cactus are reduced to spines  
 (b) Deer has long ears  
 (c) Leaves of some submerged plants are highly divided  
 (d) Lion has light brown colour  
 (e) Snow leopard has thick fur. (5)